Public Review Draft

Remedial Investigation

Seattle DOT Mercer Parcels

800 Mercer Street
Seattle, Washington

Prepared for
800 Mercer, LLC

June 25, 2021
19409-04

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Prepared by
Hart Crowser, a division of Haley & Aldrich

Mark Dagel, LHG
Principal Hydrogeologist
Mark.Dagel@hartcrowser.com

Julie K. W. Wukelic
Senior Principal Engineer
Julie.Wukelic@hartcrowser.com

3131 Elliott Avenue, Suite 600
Seattle, Washington 98121
Tel 206.324.9530

EXECUTIVE SUMMARY

On behalf of 800 Mercer, LLC, Hart Crowser, a division of Haley & Aldrich (Hart Crowser) has prepared this Remedial Investigation (RI) Report to characterize the nature and extent of contamination at the Seattle DOT Mercer Parcels site (Site) which is primarily located at 800 Mercer Street in Seattle, Washington (Property). The 2.35-acre Property is currently owned by the City of Seattle. 800 Mercer, LLC, has been provided access to the Property as part of transactional due diligence and as part of pursuit of a Prospective Purchaser Consent Decree (PPCD) with the State of Washington.

The purpose of the RI was to collect data necessary to adequately characterize the Site for developing and evaluating cleanup action alternatives. This RI Report was developed based on the guidance included in *the Remedial Investigation (RI) Checklist Guidance,* Washington State Department of Ecology (Ecology) and the requirements of WAC 173-340-350.

Over 300 soil and 150 groundwater samples were evaluated for inclusion in this RI Report. The possible historical sources, transport and exposure pathways, and current and future receptors were identified to develop the conceptual site model, select applicable screening levels, and propose constituents of concern. As described in this Report, soil and groundwater on the Property is impacted by contamination from historical on-site and off-site sources. In summary:

- Part of the northwest area of the Property has petroleum-related contaminant soil and groundwater impacts, likely related to operations of a former gas/service station.
- Limited areas of shallow soil are impacted with polycyclic aromatic hydrocarbons (PAHs) and arsenic, which are attributed to fill material utilized for realignments of roads.
- Off-site releases of chlorinated dry-cleaning solvents, specifically tetrachloroethene (PCE) and its breakdown products, have impacted groundwater and saturated soil beneath the Property.

Total petroleum hydrocarbons (TPH) concentrations exceeding screening levels in vadose zone soil are limited to the northwest area of the Property and have been fully delineated. Groundwater beneath the Property has limited areas of TPH and benzene impacts that do not extend beyond the Property boundary, and these areas have been fully delineated. The lines of evidence presented in this Report support that groundwater beneath the Property has been impacted by PCE and its breakdown constituents from an off-site source, with no contribution from prior activities or operations on the Property. There is sufficient data to support the conclusion that the petroleum-related impacts and chlorinated solvent impacts are two separate sites.

The Property is planned to be redeveloped, which will include excavation of a majority of the unsaturated soil within the Property boundary, including all known impacted soil from on-Property sources. The data, multiple lines of evidence, and conclusions presented in this report are sufficient to complete a Feasibility Study (FS) and select a cleanup action. Due to the concentrations of chlorinated solvent compounds in groundwater beneath the Property, vapor intrusion mitigation measures to protect future building occupants at the Property will also be considered in the FS.

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LIST OF ACRONYMS

µg/L	Microgram per liter
ASTM	American Society for Testing and Materials
bgs	Below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
cis-DCE	Cis-1,2-Dichloroethene
CLARC	Cleanup Levels and Risk Calculation
cm/sec	Centimeter per second
COC	Constituent of Concern
COPC	Constituent of Potential Concern
cPAH	Carcinogenic Polycyclic Aromatic Hydrocarbon
cPAH-TEQ	Carcinogenic Polycyclic Aromatic Hydrocarbon Toxic Equivalency
CSM	Conceptual site model
CSO	Combined sewer overflow
CVOC	Chlorinated Volatile Organic Compound
D	Deep (well zone)
DCAP	Draft Cleanup Action Plan
DNAPL	Dense Non-Aqueous Phase Liquid
DOT	Department of Transportation
DRO	Diesel-range petroleum hydrocarbons
Ecology	Washington State Department of Ecology
EIM	Environmental Information Management
EPA	U.S. Environmental Protection Agency
EVO	Emulsified vegetable oil
FS	Feasibility Study
ft	Feet
gpm	Gallons per minute
GRO	Gasoline-range petroleum hydrocarbons
HSA	Hollow stem auger
HO	Heavy oil-range petroleum hydrocarbons
HS	Heavy Sheen
IA	Intermediate A (well zone)
IB	Intermediate B (well zone)
MCL	Maximum Contaminant Level
mg/kg	Milligrams per kilogram
mL	Milliliter
MS	Moderate Sheen
MTCA	Model Toxics Control Act regulations
NAD 83-2011	North American Datum of 1983 adjusted 2011
NAVD88	North American Vertical Datum of 1988
NS	No Sheen
NTU	Nephelometric Turbidity Unit
ORP	Oxidation-Reduction Potential

PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene
PID	Photoionization detector
PPCD	Prospective Purchaser Consent Decree
ppm	Parts per million
PQL	Practical quantitation limit
PVC	Polyvinyl chloride
REC	Recognized Environmental Conditions
RI	Remedial Investigation
ROW	Right of way
S	Shallow (well zone)
SPT	Standard Penetration Test
SS	Slight Sheen
SVOC	Semi-Volatile Organic Compound
TCE	Trichloroethene
TEE	Terrestrial Ecological Evaluation
TPH	Total Petroleum Hydrocarbons
trans-DCE	Trans-1,2-Dichloroethene
TSCA	Toxic Substances Control Act
TSS	Total Suspended Solids
UST	Underground Storage Tank
VC	Vinyl Chloride
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound
WAC	Washington Administrative Code

Remedial Investigation

Seattle DOT Mercer Parcels

800 Mercer Street
Seattle, Washington

1.0 INTRODUCTION

On behalf of 800 Mercer, LLC, Hart Crowser, a division of Haley & Aldrich (Hart Crowser) has prepared this remedial investigation (RI) report to characterize the nature and extent of contamination at the Seattle DOT Mercer Parcels site (Site) which is primarily located at 800 Mercer Street in Seattle, Washington (Property). The Property vicinity is shown on Figure 1-1. The Site includes the Property and any off-property areas where contamination originating on or from the Property has come to be located.

The 2.35-acre Property is currently owned by the City of Seattle. 800 Mercer, LLC, has been provided access to the Property as part of transactional due diligence and as part of pursuit of a Prospective Purchaser Consent Decree (PPCD) with the State of Washington. The Washington State Department of Ecology (Ecology) has listed the Site on its confirmed and suspected contaminated sites list with Cleanup Site ID No. 14784.

The purpose of the RI was to collect data necessary to adequately characterize the Site for developing and evaluating cleanup action alternatives. This information will be used to select and implement a cleanup action. The RI was conducted in accordance with the Model Toxics Control Act (MTCA)—Washington Administrative Code (WAC) 173-340-350. The results of this RI will be used to prepare a Feasibility Study (FS) and Draft Cleanup Action Plan (DCAP). The cleanup outlined in the DCAP, if approved by Ecology and after public comment, will be implemented during and following redevelopment of the Property.

2.0 GENERAL FACILITY INFORMATION AND PROPERTY DESCRIPTION

The Property is located in the South Lake Union neighborhood in Seattle, Washington. The Property is bounded by Roy Street to the north, Mercer Street to the south, Dexter Avenue North to the west, and Ninth Avenue North to the east. Additional Property location information, as well as general facility information, such as project identifiers and contact information for project coordinators, is presented in Table 2-1.

The Property is relatively flat on the west side (elevation 58 feet [all elevations in this report are referenced to the North American Vertical Datum of 1988 (NAVD88)]) and generally slopes down toward the east (elevation 36 feet on the east side) (Figure 2-1). The western half of the Property is currently vacant. The eastern half of the Property is grass covered and contains two temporary sediment ponds for stormwater collection.

As detailed in Section 4.2, the hydrostratigraphy of the Property consists of discontinuous water-bearing zones developed in glacial till deposits underlain by a deeper water-bearing zone in glacial outwash

deposits. Previous investigations in the South Lake Union area have subdivided the water-bearing deposits into four depth zones (Shallow, Intermediate "A" and Intermediate "B", and Deep) based on soil type and elevation. We believe this is a useful classification scheme as it is consistent with the observations made by Hart Crowser during this investigation; therefore, we have adopted it in this report.

At the Property, the shallow zone encompasses depths below ground surface of 20 to 35 feet (elevation 6 to 34 feet), the intermediate A zone from depths of 35 to 45 feet (elevation 3 to 24 feet), the intermediate B zone from depths of 45 to 67 feet (elevation -26 to 12 feet), and the deep zone from depths of 80 to 90 feet (elevation -52 to -18 feet). More information on groundwater zones and conditions is provided in Section 4.0.

2.1 Subsurface Structures

A King County (KC) combined sewer overflow (CSO) exists beneath the Property. Main CSO system components include four pipelines, identified as the Lake Union Tunnel, Mercer Street Tunnel, Central Trunk CSO Pipeline, and South Lake Union CSO Pipeline, which join at a drop structure in the north central area of the Property (Figure 2-1).

These underground structures were completed in 2004 and are part of the Denny Way / Lake Union Combined Sewer Overflow Control Project, a joint effort of King County and the City of Seattle. The purpose of the project was to significantly reduce overflows of combined sewage and storm water that used to occur in Lake Union and Elliott Bay.

The Mercer Street Tunnel runs over a mile to the Elliott West CSO control facility on Elliott Bay. It runs beneath the Property at a depth of about 45 to 56 feet below ground surface (approximately elevation 3 feet). The tunnel provides storage for about 7-million gallons of combined sewer flows during storm events. Water stored in the tunnel is eventually pumped to the West Point Treatment Plant or discharged at the Elliott West CSO control facility.

The Lake Union Tunnel runs beneath Eighth Avenue North from the drop structure at Roy Street south to Republican Street. It runs beneath the Property at a depth of approximately 50 to 55 feet below ground surface (approximately elevation 0 to -5 feet).

The Central Trunk CSO Pipeline extends west from the drop structure to the Central Trunk Diversion Structure at Dexter Avenue North. The Central Trunk CSO Pipeline exits the drop structure at approximately 12 feet below ground surface (approximately elevation 36 feet).

The South Lake Union CSO Pipeline runs from the drop structure east to the Valley Connection Manhole at Valley Street and Terry Avenue North. It extends from the drop structure at approximately 55 feet below ground surface (approximately elevation -5 feet). The drop structure shaft extends from the surface to approximately 70 feet below ground surface (approximately elevation -20 feet) and consists of a cast concrete liner with a drainage layer of coarse aggregate surrounding it. During construction, the groundwater in the vicinity of the shaft was dewatered via drain holes leading from the aggregate drain layer through the concrete wall and into the shaft near its base. This allowed groundwater to flow into the

bottom of the shaft where it was then pumped out. In effect, the drop structure acted like a large diameter pumping well. Once the project was complete, the drain holes were grouted shut to make the shaft watertight.

The Mercer Street Tunnel was bored beneath the Property using an earth pressure balance tunneling machine. The bore was lined with cast concrete sections that were gasketed and bolted together to form a watertight tunnel. The Lake Union Tunnel and South Lake Union CSO Pipeline were bored using the pipe jacking technique.

3.0 PROPERTY HISTORY AND POTENTIAL CONTAMINANT SOURCES

3.1 Property History

Phase I environmental site assessments prepared by Shannon & Wilson (Shannon & Wilson 2018a) and Hart Crowser (Hart Crowser 2019) summarize the historical use and recognized environmental conditions (RECs) for the Property. The ownership and operational history of the Property is described below and summarized in Table 3-1.

From approximately the end of the 19th century to the 1950s, residential dwellings were present on the Property. Various rights-of-way (ROWs) divided the Property from approximately the end of the 19th century to 2012. From approximately 1917 to 2010, the Property was also used for a variety of commercial businesses. In the 2010s and as recently as 2019, the Property was used for construction staging. Currently, the Property is vacant.

As early as 1893, the southern shoreline of Lake Union extended onto the northeast corner of the Property. By 1917, that area had been filled and the shoreline moved northward to its current location. The lake elevation (approximately 20 feet) has remained fairly constant from before and after construction of the Lake Washington Ship Canal in 1917 (Chrzastowski, 1983). The current ground surface elevation in the northeast corner of the Property is approximately 37 feet, which means that approximately 17 feet of fill was brought to the Property to raise the ground surface in the northeast area to its current elevation.

As early as 1893, Vine Street ran north-south, bisecting the center of the Property and connecting Roy and Mercer Streets. By 1905, Vine Street had been renamed Eighth Avenue North. Eighth Avenue North remained in this configuration, bisecting the Property, until 1958. From sometime between 1917 and 1936 until 1958, the western half of the Property was split diagonally by Broad Street, which ran along the surface from the northeast to the southwest. In 1958, Eighth Avenue North and Broad Streets were vacated, and a new Broad Street alignment was constructed. The new Broad Street ran diagonally across the surface of the entire Property (no longer just the western half) from the northeast to the southwest.

The new Broad Street alignment (herein referred to as the Broad Street 1958-2012 alignment) sloped down about 20 feet to an underpass in the southwest corner of the Property that continued under the intersection of Dexter Avenue North and Mercer Street. Concrete retaining walls were present on the

north and south sides of the Broad Street 1958-2012 alignment in the southwest corner of the Property. A secondary street that followed the former Broad Street alignment and connected Roy Street to Dexter Avenue North was also constructed during this time. From approximately 2012 to 2015, the Broad Street 1958-2012 alignment was filled in to match the existing grades of Mercer Street and Dexter Avenue North, and all roadways within the boundaries of the Property were subsequently vacated as part of the City of Seattle's Mercer Corridor Project. The Mercer Corridor Project also included widening Mercer Street to its current extent, which moved the Mercer right-of-way northward onto the southeast corner of the Property. The fill encountered in borings in the southwest corner of the Property in the vicinity of the filled-in underpass is up to 30 feet thick.

3.2 Potential on-Property Contaminant Sources

Operations on the Property considered to be potential sources of contamination for the Site are listed below and shown on Figure 3-1.

- A gasoline and service station operated in the northwest corner of the Property from approximately 1929 to 1960. Leaks and spills from storage tanks and operations may have released gasoline along with possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated). The most common hazardous substances in such releases would have likely been gasoline- through heavy-oil-range petroleum hydrocarbons,[1] lead (from leaded gasoline), aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), and possibly chlorinated solvents used for degreasing (most commonly trichloroethene [TCE]).[2]

- An automobile repair and service station operated in the central area of the Property from approximately 1930 to 1955. Leaks and spills from operations may have released gasoline along with possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated). The most common hazardous substances in any such releases would have likely been gasoline- through heavy-oil-range petroleum hydrocarbons, lead, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and possibly chlorinated solvents used for degreasing (most commonly TCE).

- Several auto wrecking businesses occupied a building on the northeast corner of the Property from approximately 1930 to 1955. A nearby large parking lot covered the southeast corner of the Property, which was used for the storage of wrecked cars. Leaks and spills from operations may have released

[1] "Gasoline- through heavy-oil-range hydrocarbons" refers to aliphatic hydrocarbons containing between 8 and 40 carbon atoms. As described in the MTCA regulations, (Table 830-1), gasoline-range hydrocarbons include automotive and aviation gasolines, mineral spirits, Stoddard solvents, and naphtha as well the lighter components of jet fuel, diesel No. 1, kerosene, and heating oil. Diesel-range hydrocarbons include diesel No. 2, fuel oil No. 2, and light oil (including some bunker oils), as well as the heavier components of jet fuel, diesel No. 1, kerosene, and heating oil. Heavy-oil-range hydrocarbons include motor oils, lube oils, hydraulic fluids, etc.

[2] As a solvent, TCE is primarily associated with metals degreasing, although it was also used in dry cleaning from the 1930s through mid-1950s when dry cleaners shifted to PCE. Conversely, PCE is primarily associated with dry cleaners with more limited application as a metal cleaner in vapor degreasers (WHO 2006, IARC 2014).

gasoline, diesel fuel, lube oil, and electrolyte from lead-acid batteries. The most common hazardous substances in such releases would have likely been gasoline- through heavy-oil-range petroleum hydrocarbons, lead, and aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes).

- The Riebe Chemical Works Inc. soap manufacturers/Riebe Continental Chemical Co. soap manufacturers/Riebe Soap & Chemical Wks. were listed at 801 Roy Street in the north-central portion of the Property from 1925 to 1940. Graves Bros sign painters and Erickson Painting and Dec Co. were listed at the same address from 1925 to 1930 and 1944 to 1955, respectively, and the Foley Sign Company was listed at the nearby 807 Roy Street address from 1951 to 1955. The 1950 Sanborn map indicates "some paints" in the 801 to 805 Roy Street building and "sign painting" in the 807 to 809 Roy Street building. A boiler room was noted in the building, suggesting the potential historical use of a heating oil UST. It is unknown what types of hazardous substances, if any, were used in the "soap and chemical works facility." Fuel oil would be the potential constituent of concern for the potential UST and boiler room. The painting business could have involved the use of paint, thinners, strippers, solvents (petroleum-based or chlorinated). The most common hazardous substances in any such releases would have been gasoline- through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and possibly chlorinated solvents (most commonly methylene chloride[3] and TCE).[4]

- A sign painting business operated in a building (800 Mercer Street) near the south-central portion of the Property from approximately 1975 to 1996. There is documentation of a 1,000-gallon diesel UST in the building, though no documentation was found during historical research indicating whether it had been removed. The UST may have contained diesel fuel, while the painting business could have involved use of thinners, strippers, and solvents. The most common hazardous substances in any related releases would have been gasoline- through heavy-oil-range petroleum hydrocarbons, lead (from leaded gasoline and lead paint), aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, chlorinated solvents (most commonly methylene chloride and TCE), and possibly polychlorinated biphenyls (PCBs) (to the extent utilized in specialty paints and coatings that may have been stored or sold on the Property).

- Retail painting stores operated in the southwest quadrant of the Property in 1950. Spills of product could have released paint, thinners, solvents or strippers to the soil. The most common hazardous substances in any such releases would have been non-dry-cleaning chlorinated solvents (most

[3] The main use of methylene chloride as a solvent is in paint strippers and removers, although it is also used in some aerosol degreasers (ATSDR 2000).

[4] It is possible that polychlorinated biphenyls (PCBs) may have been added to some specialty paints and coatings to improve their performance for use in industrial and/or military applications (e.g., paints manufactured to endure thermal stress, vibration or corrosivity) (EPA 2015). As discussed below, PCBs were examined as a potential constituent of concern for the Site.

commonly TCE and methylene chloride)[5] and possibly PCBs (to the extent utilized in specialty paints and coatings that may have been stored or sold on the Property).

- Several residences existed on the Property from at least the late 1800s to the 1950s. While no records of home heating oil tanks were listed in any documentation, heating oil was a typical source of heat at that time. Leaks or spills from storage tanks may have released some heating oil to the soil. The most common hazardous substances in such releases would have been diesel-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and cPAHs.

- Fill material from unknown sources was used on the Property in the early 1900s when Lake Union occupied the northeast corner, and more recently in 2012 to fill a in a previous ramp to the Broad Street underpass. Potential contaminants in the fill could have included motor fuels, oils, demolition-related debris (asphalt, concrete), and metals. The most common hazardous substances in such material would have been gasoline- through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and heavy metals.

3.3 Potential off-Property Contaminant Sources

Operations in the vicinity of the Property considered to be potential sources of contamination for the Property are listed below and shown on Figure 3-1.

- To the west of the Property at 601 Dexter Avenue North, prior operations included a historical gas and service station from approximately 1930 to the 1940s, laundry facility (no evidence of dry cleaning) from approximately the late 1920s to 1940s, and USTs located in the alley to the north that were removed in 1997. A 1950 Sanborn map indicated that one or more of the USTs in the alley may have contained solvents. Archived tax assessor records indicate a boiler for the former laundry was installed in 1928. These historical operations potentially could have released gasoline, diesel fuel, waste oil, or solvents. The most common hazardous substances in such releases would have likely been gasoline- through heavy-oil-range petroleum hydrocarbons, lead (from leaded gasoline), aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and possibly chlorinated solvents (e.g., TCE for degreasing and/or tetrachloroethene [PCE] if the laundry conducted dry-cleaning operations, although there is no evidence that dry cleaning occurred). This site is listed on Ecology's confirmed and suspected contaminated sites list as *601 Dexter* (Cleanup Site ID No. 15113).

- To the west of the Property at 615 Dexter Avenue North, prior operations included a historical gas and service station from approximately 1930 to the mid-1940s, coated wall board manufacturing from approximately 1940 to 1955, plastic mixing and storage potentially associated the coated wall board manufacturing in 1950, Seattle Hardwood Floor Co. from approximately 1935 to 1950, paint spray booth and woodworking shop from 1966 to 1969, and USTs located in the alley to the south that were removed in 1997. A 1950 Sanborn map indicated that one or more of the USTs in the alley may have

[5] The main use of methylene chloride as a solvent is in paint strippers and removers, although it is also used in some aerosol degreasers (ATSDR 2000).

contained solvents; these USTs are the same as those mentioned in the previous bullet. These historical operations potentially could have released gasoline, diesel fuel, waste oil, or solvents. The most common hazardous substances in such releases would have likely been gasoline- through heavy-oil-range petroleum hydrocarbons, lead (from leaded gasoline), aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and chlorinated solvents (most commonly TCE and methylene chloride and/or potentially PCE if the "solvent" description for the USTs is accurate). An RI was recently completed for this site, which identified gasoline-range petroleum hydrocarbons as a proposed constituent of concern in soil and gasoline-range petroleum hydrocarbons, naphthalene, and 1,2,4-trimethylbenzene as proposed constituents of concern in groundwater in a draft RI report (Hart Crowser 2021). This site is listed on Ecology's confirmed and suspected contaminated sites list as *Seattle DOT Dexter Parcel* (Cleanup Site ID No. 14785).

- To the north of the Property at 700 Dexter Avenue North (700 Dexter), a large commercial dry cleaning and laundry (American Linen and Maryatt Electric Laundry) operated from approximately 1925 to the mid-1990s. Additionally, a gasoline station was present in the northwest corner of 700 Dexter in the 1930s and a pump island and USTs were present in the northeast corner of 700 Dexter in the 1960s. Four large diesel/fuel oil USTs used to fire a boiler were formerly located in the southwest quadrant of the property. The 700 Dexter property has documented releases of petroleum and chlorinated dry-cleaning solvents (PCE) that have caused a large PCE-contaminated groundwater plume extending to the east and south. This site is listed on Ecology's confirmed and suspected contaminated sites list as *American Linen Supply Co Dexter Ave* (Cleanup Site ID No. 12004), herein referred to as the American Linen site.

- To the northwest of the Property lies the 701 Dexter Avenue North parcel, which is currently occupied by a commercial office building constructed in 1984. A restaurant previously occupied the property from the 1930s to the 1980s. Prior to that time period, residences occupied the 701 Dexter Avenue North property from the late 1800s to the 1930s. While no records of home heating oil tanks were listed in any documentation, heating oil was a typical source of heat at that time. Leaks or spills from storage tanks may have released heating oil to the soil. The most common hazardous substances in such releases would have been diesel-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and cPAHs. A subsurface investigation on this site identified oil-range petroleum hydrocarbons and metals detected in soil, diesel-range petroleum hydrocarbons and chloroform detected in groundwater, and gasoline-range petroleum hydrocarbons and several volatile organic compounds (VOCs), including petroleum-related VOCs such as benzene and chlorinated VOCs[6], detected in soil vapor samples. This site is listed on Ecology's confirmed and suspected contaminated sites list as *701 Dexter* (Cleanup Site ID No. 15112).

[6] A note on terminology: for the purposes of this report, we use the term chlorinated VOCs (CVOCs) to refer to the volatile compound PCE and its degradation products, TCE, cis- and trans-1,2-dichloroethene, and vinyl chloride. We use the term BTEX to refer to the volatile aromatic compounds benzene, toluene, ethylbenzene, and xylenes. All other volatile organic compounds, including chlorinated compounds such as 1,1,1-trichloroethane and 1,1-dichloroethane, are referred to as VOCs.

- To the north of the Property at 800 Roy Street (also known as 802 Roy Street), a maintenance facility for Seattle City Light (formerly Puget Sound Power and Light Co.) vehicles and equipment has operated since 1926. Historically, a garage in the northern part of the building's basement was used to repair, refuel, and wash vehicles, and transformer testing also occurred in the basement. USTs and fuel dispensers, vehicles, transformers, fuels, and equipment were historically stored on the north half of the property. The USTs were installed between 1944 and 1955 and two were reportedly removed in 1993. These historical operations, including leaking USTs, have caused known soil and groundwater petroleum contamination, such as gasoline-range petroleum hydrocarbons and aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes). This site is listed on Ecology's confirmed and suspected contaminated sites list as *Seattle Roy Aloha Shops* (Cleanup Site ID No. 11216).

- To the north of the Property at 701 Ninth Avenue North, a Mack International Motor Truck Corporation showroom and service shop were constructed in 1922. USTs containing waste oil, heating oil, and gasoline were historically on the property. Since approximately 1980, automotive dealerships and retail tenants have occupied this parcel. A subsurface investigation identified soil and groundwater petroleum contamination. This site is listed on Ecology's confirmed and suspected contaminated sites list as *Block 79 East* (Cleanup Site ID No. 13006).

- To the east of the Property lies the 615 Westlake Avenue North parcel, which is currently occupied by the Allen Institute for Brain Science. Between approximately 1950 and 2009, there were several former operations involving historical auto repairs, sales, and fueling operations, including several petroleum USTs, that caused known soil and groundwater contamination. However, because this property lies downgradient, it is not considered a potential source of contaminants to the Property. This site is listed on Ecology's confirmed and suspected contaminated sites list as *AIBS Building Block 43* (Cleanup Site ID No. 12637).

4.0 SITE GEOLOGY AND HYDROGEOLOGY

Our understanding of the subsurface geology and hydrogeology at the Property is based on the interpretation of recent and historical borings completed on the Property and in the surrounding area (shown on Figure 4-1). Subsurface conditions described below are shown on cross sections (Figures 4-2a through 4-2f). Data and interpretations developed by others is also included and referenced.

4.1 Stratigraphy

Soil encountered beneath the Property consists of fill, glacial deposits, and non-glacial deposits consistent with previous studies in the area (SoundEarth Strategies 2016; PES Environmental 2018). Boring logs for this study are contained in Appendix A. Brief summaries of the identified geological units are presented below. Geologic cross-sections are provided in Figures 4-2a through 4-2f.

Fill. Fill is comprised of poorly graded sand with gravel, silty sand, silty sand with gravel, some silt, all with variable gravel and cobbles. Fill also contains brick, concrete, and glass debris.

Varying fill depths were observed at the Property. Fill was used to fill the Broad Street 1958-2012 alignment which is likely to range from less than 2 feet to over 30 feet in thickness. In the areas surrounding borings MBGW-8 and HMW-3IA in the south-central and northwest portions of the Property, fill depths of approximately 12.5 and 5 feet were observed, equivalent to approximately 35- and 50-feet elevation. The thickest fill was observed in HMW-6IA in the southwest portion of the Property (within the Broad Street 1958-2012 alignment) at 31 feet bgs, equivalent to approximately 28 feet elevation. Most borings encountered 12 to 18 feet of fill material.

Silt and/or Clay with or without Sand. Recent lake deposits associated with Lake Union consist of poorly graded sand, silty sand with gravel, and sandy silt with gravel, which contain varying amounts of organics, peat, and shell fragments. The lake deposits were formed in shoreline to lake bottom depositional environments. The lake deposits were observed in the eastern portion of the Property, generally east of boring MBGW-2, located in the northeast quadrant of the Property. Lake deposits in MBGW-2 from 14.5 to 27 feet bgs (approximately 18 to 30.5 feet elevation) contained more sand representing shoreline deposits. Lake deposits were observed at depths of 17 to 27 feet bgs (approximately 11.5 to 21.5 feet elevation) in HMW-1IB near the east Property boundary and from 17.5 to 30 feet bgs (approximately 11 to 23.5 feet elevation) in boring MBGW-15 in the southeast corner. Lake deposits were also observed in the east-central and northeastern portion of the Property in borings MBB-12, MBB-13, and MBB-15 from 18 to 26, 13 to 25, and 12 to 20 feet bgs, respectively (approximately 8 to 16, 13 to 24, and 18 to 26 feet elevation, respectively). These lacustrine deposits represented shallow lake bottom sediments and are comprised of soft to medium stiff silt and clay with fine organics, shells, and peat.

Silty Sand and Silty Gravel. Silty sand and silty gravel are prevalent in the subsurface at the Property. Silty sand and silty gravel are often observed as glacial till and glacial outwash (ice contact) deposits. These deposits are composed of dense to very dense silty sand to silty sand with gravel and poorly graded sand with varying amounts of silt and gravel. Interbedded in these deposits are layers of poorly graded sand, sandy silt, and silt.

Varying degrees of gravel and cobbles were seen beneath the Property. These deposits were observed to a depth of 73 feet bgs (approximately -17 feet elevation) in exploration HMW-3D in the northwest portion of the Property and to a depth of 60 feet bgs (approximately -13 feet elevation) in exploration HMW-2D in the central portion of the Property. Boring MBGW-8, in the south-central portion of the Property, displayed these deposits from 20 to 50 feet bgs (approximately -3 to 27 feet elevation). In borings HMW-1IB and HMW-1D to the east, these deposits were observed at depths of approximately 35 to 45 feet bgs (approximately -6.5 to 3.5 feet elevation) and 45 to 65 and 70 to 90 feet bgs (approximately -26 to -6 and -51 to -31 feet elevation), respectively. On the southwestern side of the Property in boring HMW-4IA, these deposits were observed at a depth of 73 feet bgs to the bottom of the boring at 81.5 feet bgs (approximately -23 to -14.5 feet elevation). In the central portion of the Property at HMW-2D, deposits were observed to a depth of 60 feet bgs (approximately -13 feet elevation). These deposits were encountered to the east in HMW-1D from 45 to 65 feet bgs and 70 feet bgs to the bottom of the boring at 90 feet bgs (approximately -26 to -6 and -51 to -31 feet elevation).

Clean Sand and/or Gravel. Clean sand and gravel deposits were observed intermittently throughout the subsurface of the Property. The deposits are composed of loose to very dense poorly graded sand or poorly graded gravel and are interbedded with silty sand, silty gravel, silt, and clay units. The deposits are described as moist to wet and range in color from brown to gray.

Clean sand and gravel deposits were observed in borings in the southwest, central, south-central, east central, and southeast areas of the Property. In the southwest portion of the Property in boring HMW-7IB, poorly graded sand was observed from 27.5 to 31 feet bgs (approximately 27.5 to 31 feet elevation). In the central portion of the Property, poorly graded sand was observed in HMW-2D and HMW-2IB from approximately 60 to 65 feet bgs (approximately -18 to -13 feet elevation) and in HMW-2D from 80 to 90 feet bgs (approximately -43 to -33 feet elevation). In the south-central portion of the Property, poorly graded sand was observed in HMW-10D from 50 to 53 and 57 to 60 feet bgs (approximately -5 to -2 and -12 to -9 feet elevation). In the east-central portion of the Property, poorly graded sand was observed in MBB-12 from 20 to 25.5 and 26.5 to 35 feet bgs (approximately 8.5 to 14 and -1 to 7 feet elevation) and in HMW-1D from 35 to 45 feet bgs (approximately -6 to 4 feet elevation). In the southeast portion of the Property, poorly graded sand was observed in HMW-11S, HMW-11IB, and MBGW-15 from 30 to 40, 24 to 50, and 75 to 81 feet bgs (approximately 2 to 11.5, -10 to 14, and -41 to -36 feet elevation).

4.2 Hydrogeology

The hydrogeology of the Property consists of discontinuous water-bearing zones in the glacial till deposits, and a deeper water-bearing zone in the glacial outwash deposits. The water-bearing deposits have historically been subdivided in the South Lake Union area into four zones (Shallow, Intermediate “A” and Intermediate “B”, and Deep) based on soil type and depth (SoundEarth Strategies 2013; PES Environmental 2018). We agree with these water-bearing zone designations and have adopted them in this report.

Within this framework, the Shallow zone includes water-bearing strata within fill, lacustrine deposits, and glacial deposits. The shallow zone is unconfined and consists of both perched groundwater and the local water table. The intermediate zone is typically comprised of dense to very dense heterogeneous glacial deposits. The intermediate water-bearing zone consists of the multiple coarser-grained saturated intervals exhibiting semi-confined to confined hydraulic conditions within the finer-grained deposits. The intermediate water-bearing zone is divided into two depth intervals designated as Intermediate A (upper coarser zone) and Intermediate B (lower finer zone). The deep zone underlies the intermediate B zone. Elsewhere in the area, it is often comprised of glacial outwash deposits encountered beneath the intermediate water-bearing interval. However, at the property it was similar in composition to the overlying intermediate zone materials.

While our investigation encountered more variability in stratigraphy than the “typical” framework described above, especially on eastern portion of the Site, we found the water bearing zone concept useful and have adopted it to be consistent with the work at other sites in the area and to help compare water quality spatial variability.

Under natural conditions, groundwater levels at the Site are controlled by the water level of Lake Union, which forms the local baseline level. The water level of Lake Union is controlled by a lock and spillway complex on the Lake Washington Ship Canal. Lake Union water level varies by 2 feet seasonally from elevation 18.7 to 16.7 feet. Minimum water levels are maintained during the winter and maximum lake levels occur during the summer months.

In general, groundwater levels also vary seasonally because of precipitation changes and are also influenced by local land use changes (e.g., changes in infiltration rates due to increases or decreases in impervious surfaces). In addition, groundwater level elevations are influenced by discharges from dewatering activities.

There has been extensive development in the South Lake Union area in the last decade. Most of the redevelopment involves construction of basement parking levels, many of which extend below the water table. Temporary construction dewatering has impacted groundwater elevations throughout the area. For example, well hydrographs presented in Appendix B show decreasing water level elevations which coincide with dewatering beginning at Block 38 West, which is generally located at 500 to 536 Westlake Avenue North, in January 2020 and the current water levels at the site are depressed well below the level of Lake Union. In addition, while it is likely that some recently constructed buildings in the area have installed permanent drainage systems which could impact nearby groundwater elevations, no effects from any such discharges are apparent on the hydrographs (i.e., in the form of any obvious stepwise reductions in water levels).

4.2.1 Slug Testing

A summary of slug testing results is provided in Table 4-1. Selected slug test plots are provided in Appendix B. The results of the falling and rising head tests are consistent for each well, and hydraulic conductivity values from the Bouwer and Rice analysis are in good agreement with values from the Cooper, Bredehoeft, and Papadopoulos analysis. The geometric mean hydraulic conductivities for each of the aquifer zones are as listed below:

- Shallow zone: 1.3×10^{-4} to 2.1×10^{-3} centimeters per second (cm/sec) (0.4 to 5.9 feet per day [ft/day]).
- Intermediate A zone: 1.1×10^{-4} to 2.9×10^{-3} cm/sec (0.3 to 8.1 ft/day).
- Intermediate B zone: 4.1×10^{-5} to 6.8×10^{-4} cm/sec (0.1 to 1.9 ft/day).
- Deep zone: 4.4×10^{-5} to 1.5×10^{-3} cm/sec (0.1 to 4.3 ft/day).

These hydraulic conductivity ranges are typical for silty sand (Freeze and Cherry 1979).

4.2.2 Groundwater Level Measurements

Groundwater elevations are presented in Figure 4-3a (March 2020) and Figure 4-3b (May 2020). Trends in the groundwater elevations in Table 4-2 show a general decrease in elevation from west to east and with increasing depth in clustered monitoring wells. Repeated measurements in the same wells show decreases in groundwater elevation (feet) over time:

- In the Shallow zone: HMW-1S decreased in elevation by 1.91 feet from March 2020 to May 2020 and 10.23 feet overall from March 2019 to May 2020; HMW-2S decreased in elevation by 0.84 feet from March 2020 to May 2020 and 1.61 feet overall from March 2019 to May 2020; MW-154 decreased in elevation by 0.34 feet from March 2020 to May 2020 and 7.50 feet from March 2019 to May 2020; MW-155 decreased in elevation by 1.21 feet from March 2020 to May 2020 and 7.11 feet from March 2019 to May 2020.

- In the Intermediate A zone: HMW-2IA decreased in elevation by 0.98 feet from March 2020 to May 2020 and 9.16 feet from March 2019 to May 2020; HMW-3IA decreased in elevation by 0.51 feet from March 2020 to May 2020 and 6.06 feet from March 2019 to May 2020; MW-119 decreased in elevation by 1.18 feet from March 2020 to May 2020 and 10.70 feet from March 2019 to May 2020; MW-146 decreased in elevation by 0.24 feet from March 2020 to May 2020 and 12.78 feet overall from March 2019 to May 2020.

- In the Intermediate B zone: HMW-1IB decreased in elevation by 1.32 feet from March 2020 to May 2020 and 10.43 feet from March 2019 to May 2020; HMW-2IB decreased in elevation by 1.35 feet from March 2020 to May 2020 and 10.36 feet from March 2019 to May 2020; HMW-4IA decreased in elevation by 0.41 feet from March 2020 to May 2020 and 3.90 feet from March 2019 to May 2020; MW-147 decreased in elevation by 0.88 feet from March 2020 to May 2020 and by 12.20 feet from March 2019 to May 2020.

- In the Deep zone: HMW-1D decreased in elevation by 1.02 feet from March 2020 to May 2020 and by 9.21 feet from March 2019 to May 2020; HMW-2D decreased by 1.12 feet from March 2020 to May 2020 and by 9.92 feet from March 2019 to May 2020; HMW-3D decreased by 0.71 feet from March 2020 to May 2020 and by 3.80 feet from March 2019 to May 2020; MW-106 decreased by 0.64 feet from March 2020 to May 2020 and by 4.44 feet from March 2019 to May 2020; and MW-153 decreased by 0.53 feet from March 2020 to May 2020 and by 3.82 feet from March 2019 to May 2020.

The decrease in groundwater elevation between March 2019 and May 2020 is noted throughout all well depth zones, though groundwater elevation decreased more in the eastern and northern wells.

Horizontal hydraulic gradients, shown in Table B-1 in Appendix B, range from 0.0 foot per foot (ft/ft) (i.e., flat) to 0.05 ft/ft and indicate generally eastward groundwater flow across the Property and surrounding area in all four groundwater zones. Figures 4-3a and 4-3b show groundwater elevation contours and horizontal flow directions in all four groundwater zones based on groundwater levels collected in March 2020 and May 2020.

Vertical hydraulic gradients were derived from groundwater elevations in 11 shallow and deep well pairs[7] and are shown in Table B-2 of Appendix B. Vertical gradients vary from essentially zero (-0.003 ft/ft) to strongly downward (0.32 ft/ft). The data indicates that groundwater flow is generally downward, indicated by generally positive gradient values. The instances of very slightly upward gradients are likely due to

[7] Each well pair consisted of either a Shallow zone well and a Deep zone well (5 pairs), an Intermediate A zone well and a Deep zone well (4 pairs), or a Shallow zone well and an Intermediate B zone well (2 pairs).

transient conditions while the hydrogeologic system is equilibrating to short-term and/or localized events, such as recharge due to precipitation, dewatering activities, etc. The overall magnitude of horizontal and vertical hydraulic gradients increased between March 2019 and March 2020, possibly in response to construction dewatering at Block 38 West.

Construction dewatering at the American Linen site was less than 10 gallons per minute (gpm). This may have been a contributing factor to the general decline in water levels on the Property. However, the magnitude of these impacts cannot be distinguished from seasonal trends.

Later in this report, analytical results from soil samples are compared to constituent-specific screening levels. Some screening levels depend on whether a sample was collected from above or below the water table. The water table at the Site lies at a depth of about 25 feet bgs, corresponding to elevations ranging from approximately 33 feet to 11 feet, west to east. We estimated this value by taking the average depth-to-water observed in those wells whose screens intersect the water table (i.e., wells HMW-2S, MW-154, and MW-155). Water levels in deeper wells represent the potentiometric head of the water-bearing zone in which they are installed, but do not necessarily reflect the water table elevation because of the semi-confined nature of the water-bearing zones at the Site and the presence of vertical gradients, so were not used in this analysis. Unlike some of the deeper wells, the water levels in the three water-table wells show no evidence of being influenced by temporary construction dewatering at Block 38 West, which began in early 2020; consequently, data from all monitoring rounds were used in calculating the average. Using this approach resulted in an average value of 25 feet bgs, rounded to the nearest foot, using the measurements in the three wells previously noted between March 19, 2019, and February 1, 2021 (Table 4-2). The estimate of 25 feet is also consistent with historical water-table depths in the vicinity of the Property presented in cross sections in a 1970 historical study for the proposed Bay Freeway (Shannon & Wilson 1971) indicating that more recent developments in the South Lake Union neighborhood have not significantly affected the water-table elevation in this area.

4.2.3 Long-term Groundwater Level Monitoring

As discussed further in Section 5.2.3.3, pressure transducers were deployed at the bottom of eight wells (HMW-1IB, HMW-1D, HMW-2IA, HMW-2IB, HMW-2D, HMW-3IA, HMW-3D, and HMW-4IA) from March 2019 through March 2020 to automatically monitor long-term changes in groundwater elevation.[8]

The groundwater elevations for these wells are illustrated in the plots shown in Figure 4-4. Water levels decreased by about 1 to 8 feet in elevation between March 2019 and March 2020. During this period, water levels were generally decreasing from March to December 2019, followed by fluctuation in December 2019 and January 2020 where groundwater elevations rapidly increased, decreased, and increased up to 6 feet over approximately 4 weeks. Water levels then continued to decline until March 2020, with sharp declines of about 4 to 8 feet observed in many wells (HMW-1IB, HMW-1D, HMW-2IA, HMW-2IB, HMW-2D, and HMW-3D).

[8] Long-term monitoring in HMW-3IA did not begin until July 2019 due to transducer malfunction from March through July 2019.

The observed water level fluctuations at the Property have been primarily influenced by precipitation and temporary construction dewatering from nearby sites. The steady decline in water levels between March and November 2019 and sudden increases and drop in water levels between December 2019 and January 2020 are attributed to seasonal changes in precipitation. Construction dewatering occurred at 700 Dexter from June 2019 to July 2020 and at Block 38 West from January 2020 to March 2021. As previously stated, construction dewatering at 700 Dexter did not result in significant hydraulic impacts but may have been a contributing factor to the general decline in water levels on the north side of Property. However, the magnitude of these impacts cannot be distinguished from seasonal trends. The effect of dewatering from Block 38 West is much more obvious as shown by the steep drop in water levels since February 2020.

5.0 ENVIRONMENTAL INVESTIGATIONS

Multiple investigations have been completed on and adjacent to the Property between 1970 and 2020 in support of both geotechnical and environmental studies for the Property. Investigations conducted for the American Linen site included borings and groundwater monitoring wells within and adjacent to the Property and are therefore, when applicable, included in this RI. A chronological list of the environmental investigations used in this RI is provided in Table 5-1 and relevant information is presented below in Sections 5.1 and 5.2. The locations of explorations relevant to this RI are provided on Figure 4-1. The explorations are summarized in Table 5-2 and boring logs are presented in Appendices A1 and A2.

Based on the known historical uses of the Property and the potential releases of hazardous substances from those uses, the following are constituents of potential concern that were assessed during the RI activities at the Site:

- Petroleum hydrocarbons, including fuels and petroleum-based solvents, and related compounds (gasoline-, diesel-, and heavy-oil range organics; benzene, toluene, ethylbenzene, and xylenes [BTEX]; and cPAHs).
- PCBs (to the extent utilized in specialty paints and coatings that may have been stored or sold on the Property).
- Chlorinated volatile organic compounds, including dry cleaning solvent and other chlorinated solvents and environmental breakdown products (e.g., PCE, TCE).
- Metals (e.g., lead).

5.1 Previous Investigations

This RI incorporates data from previous investigations as summarized below and in Table 5-1, and locations are shown in Figure 4-1. The analyses performed on soil samples are summarized in Table 5-3 and soil results are presented in Tables 5-4 through 5-8. The analyses performed on groundwater samples are summarized in Table 5-9 and groundwater results are presented in Tables 5-10 through 5-13. Copies of the boring logs are provided in Appendix A2 and copies of the laboratory analytical reports are provided in

Appendix C2. Additional details can be found in the original reports that are referenced in the summaries provided below.

5.1.1 Shannon & Wilson (1970-1971)

From March 1970 through February 1971, Shannon & Wilson completed a comprehensive foundation investigation near the east side of the Property and in the ROWs north and south of the Property for proposed property redevelopment (Shannon & Wilson, 1971). During the investigation, ten soil borings were advanced (B-309, B-320, B-404, B-414, B-415, B-416, B-432, B-434, B-437, and B-438), but only four borings are close enough to the Property to be relevant to our investigations (B-404, B-414, B-432, and B-434). There is no record of chemical analysis from this investigation. There were no indications of environmental impacts (e.g., odors, staining) noted on the four boring logs. Although there is no chemical data from this investigation, this investigation is relevant to this RI to evaluate subsurface geologic conditions on and near the Property in order to prepare the geologic cross-sections.

5.1.2 HWA Geosciences (1996)

In July 1996, HWA Geosciences completed a Denny Way CSO investigation in the ROW north of the Property in order to document environmental conditions in the vicinity of the then-planned underground CSO infrastructure (including the 70-foot-deep shaft "drop structure" and the 15-foot diameter Denny CSO tunnel. These structures were completed in 2004.) One monitoring well was installed (PB-9) in the Deep water-bearing zone. No soil or groundwater samples were collected for chemical analysis. However, there were no indications of environmental impacts (e.g., odors, staining) noted on the boring log (HWA 1998). Although there is no chemical data from this investigation, this investigation is relevant to this RI to evaluate subsurface geologic conditions on and near the Property in order to prepare the geologic cross-sections.

5.1.3 Black & Veatch (1997)

From June to November 1997, Black & Veatch completed a Phase II Environmental Site Assessment for the Denny Way/Lake Union CSO Project (Black & Veatch, 1998). This assessment was conducted to document environmental conditions in the vicinity of the planned underground CSO infrastructure. Eighty-nine total explorations were completed, of which three monitoring wells are in the southcentral area of the Property (BB-5 in the Intermediate A water-bearing zone) or adjacent to the Property on the north and west ROWs (BB-8 in the Intermediate A water-bearing zone and BB-10 in the Shallow water-bearing zone).

Soil samples were collected and analyzed for total petroleum hydrocarbons (TPH), BTEX, and/or chlorinated volatile organic compounds (CVOCs) from BB-5, BB-8, and BB-10 between 15 and 27 feet below ground surface (bgs), corresponding to approximately 21.7 to 42.4 feet elevation, and results were non-detect at the laboratory reporting limits.

Groundwater samples were collected and analyzed for TPH and VOCs from BB-5 and BB-10 in November 1997 and from BB-8 twice in June 1997. Gasoline-, diesel-, and heavy oil-range petroleum hydrocarbons (GRO, DRO, and HO, respectively) and BTEX were non-detect at the laboratory reporting limits in BB-5 and

BB-10, and CVOCs were non-detect at the laboratory reporting limits in BB-10. In BB-5, cis-1,2-dichloroethene (cis-DCE) was detected at 1.1 micrograms per liter (µg/L). In BB-8:

- GRO was detected at a concentration above 200 µg/L.[9]
- PCE was detected at concentrations ranging from 8,400 to 11,000 µg/L.
- TCE was detected at concentrations from 1,100 to 1,500 µg/L.
- cis-DCE was detected at concentrations from 3,100 to 4,200 µg/L.
- trans-1,2-dichloroethene (trans-DCE) was detected at 14 µg/L.
- Vinyl chloride (VC) was detected at concentrations from 180 to 280 µg/L.
- Benzene was detected at 1.8 µg/L.
- Toluene was detected at 1.3 µg/L.

Groundwater samples have been collected and analyzed from BB-8 intermittently since 2009 for TPH and VOCs (DOF 2009, SoundEarth Strategies 2013, SoundEarth Strategies 2016, PES Environmental 2019, and PES Environmental 2020; May 2020 data provided by BMR-Dexter, LLC). In the subsequent samples:

- GRO was detected at concentrations ranging from 99.6 to 499 µg/L (maximum in January 2009).
- Benzene was detected in one sample at 0.694 µg/L (in January 2009).
- Toluene was detected in one sample at 0.682 µg/L (in May 2020).
- Total xylenes were detected in one sample at 0.387 µg/L (in May 2020).
- PCE was detected at concentrations from 26 to 896 µg/L (maximum in January 2009).
- TCE was detected at concentrations from 4.95 to 258 µg/L (maximum in January 2009).
- cis-DCE was detected at concentrations from 3.1 to 441 µg/L (maximum in January 2009).
- trans-DCE was detected at concentrations from 0.155 to 2.45 µg/L (maximum in January 2009).
- VC was detected at concentrations from 0.162 to 2 µg/L (maximum in June 2015).
- 1,1-dichloroethene was detected in one sample at 0.403 µg/L (in January 2019).
- Acetone was detected at concentrations from 1.16 to 2.52 µg/L (maximum in March 2017).
- Naphthalene was detected in one sample at 0.184 µg/L (in June 2017).

Monitoring well BB-8A was drilled and installed in the Intermediate A water-bearing zone at an unknown date prior to 2010 (DOF, 2009). This well was designated as "BB-8A" because it was next to BB-8. No boring log or report discussion of the well installation or documentation of any soil chemical analysis was available. Groundwater was sampled from this well in 2009, 2010, and 2011 and analyzed for TPH and VOCs (DOF 2009 and SoundEarth Strategies 2013), and results were:

- GRO was detected at concentrations ranging from 380 to 669 µg/L (maximum in January 2009).
- PCE was detected at concentrations from 710 to 1,290 µg/L (maximum in January 2009).
- TCE was detected at concentrations from 170 to 285 µg/L (maximum in January 2009).
- cis-DCE was detected at concentrations from 140 to 549 µg/L (maximum in January 2009).
- trans-DCE was detected at concentrations from 1.6 to 2.96 µg/L (maximum in January 2009).

[9] GRO was analyzed by the Hydrocarbon Identification method (WTPH-HCID) and therefore a quantitative result was not provided.

- VC was detected at concentrations from 0.78 to 3.86 µg/L (maximum in January 2009).

5.1.4 Shannon & Wilson (2012)

In May 2012, Shannon & Wilson completed three borings (GP-7 through GP-9) in the Dexter Avenue North ROW adjacent to the Property to the west as part of a larger investigation to document environmental conditions in the vicinity of the planned Mercer Corridor project (Shannon & Wilson, 2012). Soil samples were collected from all three borings between 0 and 19 feet bgs (approximately elevation 44 to 58.5 feet) and analyzed for GRO, BTEX, and lead. Results show detections of lead in all soil samples at concentrations ranging from 1.56 to 4.19 milligrams per kilogram (mg/kg). The maximum lead concentration was in boring GP-7 from 0 to 7 feet bgs (approximately elevation 58.5 feet). GRO and BTEX were not detected at or above the laboratory reporting limits in any of the soil samples. No groundwater samples were collected from these borings.

5.1.5 SoundEarth Strategies (2012-2013)

From July 2012 to March 2013, SoundEarth Strategies installed 19 monitoring wells (MW-101 through MW-119), 6 of which are on or adjacent to the Property (MW-105 and MW-106 in the Deep water-bearing zone and MW-114, MW-117, MW-118, and MW-119 in the Intermediate A water-bearing zone) (SoundEarth Strategies, 2013). These investigations were performed to delineate the nature and extent of contamination from past releases of dry-cleaning solvent and petroleum from the American Linen site.

Soil samples were collected and analyzed from all six well locations on or adjacent to the Property between 10 and 140 feet bgs (approximately elevation 48 to -92.41 feet) and analyzed for select VOCs, including CVOCs. Results show detections of:

- PCE at concentrations ranging from 0.038 to 8.8 mg/kg (maximum in MW-114 at 35 feet bgs or approximate elevation 7.5 feet).
- TCE at concentrations from 0.04 to 0.45 mg/kg (maximum in MW-114 at 35 feet bgs or approximate elevation 7.5 feet).
- cis-DCE at concentrations from 0.086 to 0.22 mg/kg (maximum in MW-105 at 40 feet bgs or approximate elevation 5.5 feet).

Groundwater was sampled and analyzed from the six wells on or adjacent to the Property several times between 2012 and 2020 and analyzed for VOCs, GRO, DRO, and/or HO (SoundEarth Strategies 2013, SoundEarth Strategies 2016, PES Environmental 2019, and PES Environmental 2020; April and May 2020 data provided by BMR-Dexter, LLC). Results show detections of:

- GRO at concentrations ranging from 32.3 to 52.7 µg/L (maximum in MW-105 in May 2020).
- Benzene in one sample at 0.139 µg/L (in MW-119 in March 2017).
- Toluene at concentrations from 0.635 to 0.726 µg/L (maximum in MW-119 in June 2017).
- Xylenes at concentrations from 0.193 to 0.562 µg/L (maximum in MW-119 in June 2017).
- PCE at concentrations from 0.208 to 8,400 µg/L (maximum in MW-114 in December 2013).
- TCE at concentrations from 0.317 to 1,200 µg/L (maximum in MW-114 in December 2013).
- cis-DCE at concentrations from 0.34 to 640 µg/L (maximum in MW-114 in December 2013).

- trans-DCE at concentrations from 0.159 to 0.334 µg/L (maximum in MW-119 in March 2017).
- VC at concentrations from 0.205 to 22 µg/L (maximum in MW-114 in December 2013).
- 1,1-dichloroethene at concentrations from 0.194 to 3 µg/L (maximum in MW-114 in December 2012).
- Acetone at concentrations from 1.2 to 5.73 µg/L (maximum in MW-119 in July 2019).
- Methylene chloride in one sample at 76 µg/L (in MW-106 in August 2012).
- Carbon disulfide in one sample at 0.142 µg/L (in MW-106 in April 2019).
- 1,2,3-trichlorobenzene in one sample at 0.165 µg/L (in MW-119 in June 2017).

5.1.6 Farallon (2014)

From April to May 2014, Farallon installed one monitoring well, FMW-129, in the Deep water-bearing zone on the northeast side of the Property to investigate potential impacts of contaminants migrating from the American Linen site to the 615 Westlake property. No soil samples were collected.

Groundwater samples were collected from 2014 to 2017, 2019, and 2020 and analyzed for VOCs and/or GRO (SoundEarth Strategies 2016, PES Environmental 2019, and PES Environmental 2020; May 2020 data provided by BMR-Dexter, LLC; 2019 and 2020 data provided by Vulcan). Results show detections of:

- GRO in one sample at a concentration of 141 µg/L (in October 2019).
- PCE at concentrations ranging from 0.4 to 194 µg/L (maximum in April 2017).
- TCE at concentrations from 0.57 to 492 µg/L (maximum in April 2017).
- cis-DCE at concentrations from 17 to 1,420 µg/L (maximum in April 2017).
- trans-DCE at concentrations from 0.433 to 5.05 µg/L (maximum in April 2017).
- VC at concentrations from 0.259 to 14.2 µg/L (maximum in May 2020).
- 1,1-dichloroethene at concentrations from 0.589 to 4.86 µg/L (maximum in April 2017).
- Acetone at concentrations from 1.15 to 4.93 µg/L (maximum in May 2019).
- Naphthalene in one sample at 1.42 µg/L (in April 2017).

5.1.7 Shannon & Wilson (2017)

In 2017, Shannon & Wilson conducted a limited Phase II environmental site assessment on the Property to characterize environmental conditions for future redevelopment. Eleven push-probe explorations (21417-MB1 through 21417-MB11) were advanced to depths ranging from 10 to 30 feet bgs, and fifteen soil and four grab groundwater samples were collected from the Shallow water-bearing zone and analyzed for petroleum hydrocarbons, metals (total and dissolved), VOCs, and/or PAHs (Shannon & Wilson 2018b).

Soil samples were collected from depths between 1 to 28 feet bgs (approximately elevation 57.5 to 10 feet), and results showed detections of:

- HO at concentrations ranging from 74.3 to 206 mg/kg (maximum in 21417-MB9 at 13 feet bgs or approximate elevation 26 feet).
- 1,2,4-trimethylbenzene in one sample at 0.0455 mg/kg (in 21417-MB2 at 10 feet bgs or approximate elevation 44.5 feet).
- Toluene in one sample at 0.0348 mg/kg (in 21417-MB11 at 23 feet bgs or approximate elevation 16 feet).

- PCE in one sample at 0.0238 mg/kg (in 21417-MB8 at 27 feet bgs or approximate elevation 18.5 feet).
- Arsenic at concentrations from 2.69 to 7.75 mg/kg (maximum in 21417-MB10 at 28 feet bgs or approximate elevation 10 feet).
- Barium at concentrations from 31.8 to 105 mg/kg (maximum in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Cadmium at concentrations from 0.192 to 0.428 mg/kg (maximum in 21417-MB9 at 13 feet bgs or approximate elevation 26 feet).
- Chromium at concentrations from 29.1 to 43.2 mg/kg (maximum in 21417-MB10 at 28 feet bgs or approximate elevation 10 feet).
- Copper in one sample at 26.3 mg/kg (in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Lead at concentrations from 2.38 to 279 mg/kg (maximum in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Mercury in one sample at 0.453 mg/kg (in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Nickel in one sample at 37.3 mg/kg (in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Selenium at concentrations from 0.988 to 1.76 mg/kg (maximum in 21417-MB11 at 23 feet bgs or approximate elevation 16 feet).
- Zinc in one sample at 62.2 mg/kg (in 21417-MB9 at 22 feet bgs or approximate elevation 17 feet).
- Phenanthrene in one sample at 0.0455 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Fluoranthene in one sample at 0.0981 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Pyrene in one sample at 0.0939 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Benzo(a)anthracene in one sample at 0.0393 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Chrysene in one sample at 0.0462 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Benzo(b)fluoranthene in one sample at 0.0505 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Benzo(a)pyrene in one sample at 0.0399 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).
- Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency (cPAHs-TEQ) in one sample at 0.0551 mg/kg (in 21417-MB3 at 1 foot bgs or approximate elevation 57.5 feet).

In groundwater samples, results showed detections of:

- DRO in one sample at a concentration of 281 µg/L (in 21417-MB4).
- HO at concentrations ranging from 146 to 970 µg/L (maximum in 21417-MB10).
- Toluene at concentrations from 1.85 to 2.99 µg/L (maximum in 21417-MB4).
- Cymene (p-isopropyltoluene) in one sample at 1.46 µg/L (in 21417-MB11).
- 1,2,4-trimethylbenzene at concentrations from 1.04 to 1.28 µg/L (maximum in 21417-MB10).
- Naphthalene at concentrations from 1.01 to 5.23 µg/L (maximum in 21417-MB10).
- Total antimony in one sample at 0.694 µg/L (in 21417-MB9).

- Total arsenic at concentrations from 2.88 to 13.5 µg/L (maximum in 21417-MB10).
- Total beryllium at concentrations from 0.248 to 0.264 µg/L (maximum in 21417-MB10).
- Total cadmium in one sample at 0.353 µg/L (in 21417-MB11).
- Total chromium at concentrations from 6.59 to 27.7 µg/L (maximum in 21417-MB10).
- Total copper at concentrations from 13.2 to 23.7 µg/L (maximum in 21417-MB9).
- Total lead at concentrations from 19 to 123 µg/L (maximum in 21417-MB9).
- Total nickel at concentrations from 7.56 to 14.3 µg/L (maximum in 21417-MB11).
- Total selenium at concentrations from 1.02 to 1.92 µg/L (maximum in 21417-MB10).
- Total zinc at concentrations from 20.8 to 49.2 µg/L (maximum in 21417-MB9).
- Dissolved antimony at concentrations from 0.206 to 0.646 µg/L (maximum in 21417-MB9).
- Dissolved arsenic in one sample at 1.87 µg/L (in 21417-MB10).
- Dissolved chromium in one sample at 0.852 µg/L (in 21417-MB11).
- Dissolved copper at concentrations from 0.733 to 1.01 µg/L (maximum in 21417-MB10).
- Dissolved nickel at concentrations from 3.11 to 5.12 µg/L (maximum in 21417-MB11).
- Dissolved zinc at concentrations from 1.56 to 4.48 µg/L (maximum in 21417-MB9).

5.1.8 PES Environmental (2017-2019)

This RI also incorporates data from one soil boring and eleven monitoring wells installed from 2017 to 2019 as part of the continuing investigation of the adjacent American Linen site (PES Environmental 2019 and PES Environmental 2020). From August 2017 to October 2019, PES Environmental drilled 69 soil borings and installed 63 monitoring wells to investigate the American Linen site. Of those locations, 1 soil boring (B-215) and 11 monitoring wells (MW-154 and MW-155 in the Shallow water-bearing zone, MW-146, MW-315, and MW-325 in the Intermediate A water-bearing zone, MW-147, MW-148, and MW-316 in the Intermediate B water-bearing zone, and MW-140, MW-153, and MW-326 in the Deep water-bearing zone) are adjacent to the Property on the northern, southern, and western ROWs.

Soil samples were collected from B-215, MW-140, MW-147, MW-148, MW-153, MW-316, and MW-326 from 5 to 140 feet bgs (approximately elevation 45 to -89.5 feet) and analyzed for VOCs. Results show detections of:

- Benzene at concentrations ranging from 0.000379 to 0.00274 mg/kg (maximum in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- Toluene at concentrations ranging from 0.000498 to 0.0197 mg/kg (maximum in MW-316 at 10 feet bgs or approximate elevation 39.5 feet).
- Ethylbenzene in one sample at 0.00213 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- Xylenes in one sample at 0.00846 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- PCE at concentrations from 0.000561 to 15.1 mg/kg (maximum in MW-140 at 35 feet bgs or approximate elevation 15.5 feet).
- TCE at concentrations from 0.000486 to 1.02 mg/kg (maximum in B-215 at 65 feet bgs or approximate elevation -11 feet).

- cis-DCE at concentrations from 0.000314 to 1.55 mg/kg (maximum in B-215 at 65 feet bgs or approximate elevation -11 feet).
- trans-DCE in one sample at 0.0005 mg/kg (in MW-140 at 55 feet bgs or approximate elevation -4.5 feet).
- VC at concentrations from 0.000344 to 0.099 mg/kg (maximum in MW-140 at 55 feet bgs or approximate elevation -4.5 feet).
- 1,1-Dichloroethane in one sample at 0.00317 mg/kg (in MW-316 at 25 feet bgs or approximate elevation 24.5 feet).
- 1,1-Dichloroethene at concentrations from 0.000324 to 0.0242 mg/kg (maximum in B-215 at 65 feet bgs or approximate elevation -11 feet).
- 1,2,3-Trimethylbenzene in one sample at 0.00216 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- 1,2,4-Trimethylbenzene in one sample at 0.00325 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- 1,3,5-Trimethylbenzene in one sample at 0.00151 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- 2-Butanone (methyl ethyl ketone) at concentrations from 0.00585 to 0.0237 mg/kg (maximum in MW-326 at 90 feet bgs or approximate elevation -48.5 feet).
- Acetone at concentrations from 0.0118 to 0.105 mg/kg (maximum in MW-326 at 30 feet bgs or approximate elevation 11.5 feet).
- Carbon disulfide at concentrations from 0.000247 to 0.00384 mg/kg (maximum in MW-140 at 65 feet bgs or approximate elevation -14.5 feet).
- Chloroform (trichloromethane) in one sample at 0.000914 mg/kg (in MW-326 at 45 feet bgs or approximate elevation -3.5 feet).
- Hexane at concentrations from 0.000357 to 0.0157 mg/kg (maximum in MW-140 at 140 feet bgs or approximate elevation -89.5 feet).
- Methyl tert butyl ether in one sample at 0.00683 mg/kg (in MW-140 at 75 feet bgs or approximate elevation -24.5 feet).
- Methylene chloride at concentrations from 0.00875 to 0.035 mg/kg (maximum in MW-326 at 30 feet bgs or approximate elevation 11.5 feet).
- Naphthalene in one sample at 0.00452 mg/kg (in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).
- Trichlorofluoromethane (CFC-11) at concentrations from 0.00156 to 0.00358 mg/kg (maximum in MW-326 at 5 feet bgs or approximate elevation 36.5 feet).

Groundwater sampling and monitoring from the 11 wells adjacent to the Property has occurred several times between 2017 and 2020, and samples have been analyzed for GRO and/or VOCs (PES Environmental 2019 and PES Environmental 2020; April and May 2020 data provided by BMR-Dexter, LLC). Results show detections of:

- GRO at concentrations ranging from 31.6 to 1,310 µg/L (maximum in MW-146 in October 2019).
- Benzene at concentrations from 0.108 to 0.177 µg/L (maximum in MW-153 in July 2019).
- Toluene at concentrations from 0.3 to 1.31 µg/L (maximum in MW-326 in October 2019).

- Ethylbenzene in one sample at 0.227 µg/L (in MW-153 in July 2019).
- Xylenes in one sample at 0.819 µg/L (in MW-153 in July 2019).
- PCE at concentrations from 0.21 to 140 µg/L (maximum in MW-155 in May 2020).
- TCE at concentrations from 0.163 to 179 µg/L (maximum in MW-147 in January 2019).
- cis-DCE at concentrations from 0.216 to 2,410 µg/L (maximum in MW-147 in April 2020).
- trans-DCE at concentrations from 0.158 to 7.85 µg/L (maximum in MW-146 in October 2019).
- VC at concentrations from 0.211 to 6,040 µg/L (maximum in MW-146 in April 2020).
- 1,1-dichloroethene at concentrations from 0.226 to 6.83 µg/L (maximum in MW-147 in January 2019).
- 1,2,3-trimethylbenzene in one sample at 0.139 µg/L (in MW-153 in July 2019).
- 1,2,4-trimethylbenzene in one sample at 0.225 µg/L (in MW-153 in July 2019).
- 1,3,5-trimethylbenzene in one sample at 0.141 µg/L (in MW-153 in July 2019).
- 2,2-dichloropropane in three samples at 0.161 µg/L (in MW-316, MW-325, and MW-326 in April 2020).
- 2-phenylbutane (sec-butylbenzene) in one sample at 0.159 µg/L (in MW-153 in July 2019).
- Acetone at concentrations from 1.06 to 1,130 µg/L (maximum in MW-146 in April 2020).
- Carbon disulfide at concentrations from 0.198 to 6.02 µg/L (maximum in MW-147 in May 2018).
- Chloroethane at concentrations from 0.369 to 2.01 µg/L (maximum in MW-147 in May 2018).
- Chloroform (trichloromethane) in one sample at 0.87 µg/L (in MW-153 in May 2018).
- Chloromethane (methyl chloride) at concentrations from 0.161 to 0.754 µg/L (maximum in MW-140 in September 2017).
- di-Isopropyl ether (DIPE) in three samples at 0.105 µg/L (in MW-316, MW-325, and MW-326 in April 2020).
- Hexane in one sample at 0.371 µg/L (in MW-326 in January 2020).
- Isopropylbenzene (cumene) in one sample at 0.134 µg/L (in MW-153 in July 2019).
- n-Butylbenzene in one sample at 0.162 µg/L (in MW-153 in July 2019).
- Styrene in one sample at 0.178 µg/L (in MW-140 in April 2018).
- Naphthalene in one sample at 5.94 µg/L (in MW-147 in July 2019).

Review of the analytical data indicates that the GRO reported by PES Environmental in groundwater from wells MW-146 and MW-147 does not actually represent gasoline-range petroleum hydrocarbon contamination, but instead represents interference from the known high levels of CVOCs in these wells. The CVOCs tetrachloroethene, trichloroethene, and cis-DCE elute within the same time window as GRO on the GC/FID instrument used for TPH analysis. The GRO method utilized, NWTPH-Gx, allows the laboratory some flexibility in how GRO is reported in cases where its presence is attributable to other non-GRO interference. MW-146 and MW-147 were installed by PES Environmental as part of the investigation of the American Linen site and all samples, except those from the most recent round, were sampled by PES and analyzed by their subcontracted laboratory, Pace Analytical. Pace Analytical's chromatographic interpretation of the GRO results from these wells, as well as PES's data validation memos, conclude that the GRO chromatograms from these wells do not resemble gasoline but are instead attributed to the known high levels of CVOCs in these wells. The Pace laboratory narratives and PES DV memos are presented in Appendix D. The most recent samples collected from MW-146 and MW-147 were collected by Hart Crowser and analyzed by Friedman & Bruya, Inc. No GRO detections were reported for either well during this round. Because of the false positive GRO results reported from Pace Analytical's analyses, only

the most recent GRO results from Hart Crowser's subcontracted laboratory, Friedman & Bruya, Inc., are used in interpretations of GRO contamination nature and extent in subsequent sections of this RI.

5.2 2019 – 2020 Investigations

Investigations were conducted by Hart Crowser as two phases in 2019 and 2020 to delineate the extent of contamination identified on the Property during previous investigations. The 2020 investigations were conducted in accordance with the Revised Draft Data Gaps Investigation Work Plan (Work Plan) dated January 23, 2020, and incorporated formal and informal input from Ecology.

The initial phase (2019) focused on both soil and groundwater characterization as a whole in which soil and groundwater sampling decisions and monitoring well locations were based on the data needs and gaps from pre-2019 investigations. The second phase (2020) focused on filling data gaps from the 2019 RI phase and explorations were targeted to whether data gaps involved soil, groundwater, or both. The investigations activities performed during 2019 and 2020 are described below.

5.2.1 Soil Characterization

Hart Crowser completed 86 explorations at the Site between March 2019 and October 2020. This included:

- 34 explorations in March 2019 (MBGW-1 through MBGW-16, MBPP-1 through MBPP-8, HMW-1S, HMW-1IB, HMW-1D, HMW-2S, HMW-2IA, HMW-2IB, HMW-2D, HMW-3IA, HMW-3D, and HMW-4IA).
- 29 explorations in February and March 2020 (MBB-1 through MBB-15, HMW-5IB, HMW-6IA, HMW-6IB, HMW-6D, HMW-7IB, HMW-8IB, HMW-9S, HMW-9IA, HMW-9IB, HMW-9D, HMW-10S, HMW-10D, HMW-11S, and HMW-11IB).
- 19 explorations in July and September 2020 (MBB-16 through MBB-24, HMW-12D, HMW-13D, HMW-14D, HMW-15IB, HMW-16IB, HMW-17S through HMW-20S, and HMW-20IA).
- 4 explorations in October 2020 (MBB-25, MBB-26, HMW-21S, and HMW-22S).

Exploration depths ranged from 18 to 101 feet below ground surface (elevation -67 to 30 feet). The locations of the explorations are included on Figure 4-1 along with all previous relevant explorations. Details of the explorations are summarized in Table 5-2 and boring logs are presented in Appendix A1.

5.2.1.1 Soil Explorations

Explorations in 2019 and 2020 consisted of 34 sonic, 39 hollow-stem auger (HSA), 11 push-probe, and 2 mud rotary borings. A field representative from Hart Crowser continuously observed the drilling and conducted the soil screening and sampling activities (discussed in Section 5.2.1.2). Soil samples were classified in accordance with American Society for Testing and Materials (ASTM) Method D2488.

The exact drilling method selected for each exploration depended on the following factors: anticipated geology, depth required, whether a monitoring well was to be installed, and drill rig availability at the time of drilling. Push-probe rigs were used where relatively shallow explorations were required and where no

monitoring wells were needed. HSA and/or sonic rigs were used where exploration depths were greater and/or a monitoring well was to be installed. Hollow stem auger rigs were used for explorations where geotechnical information (e.g., standard penetration tests) was needed for use by others in addition to collecting environmental characterization data. Mud rotary drilling was used for two borings where soil samples were not required for laboratory analysis and when prior drilling indicated the potential for heaving sands. The drilling method for each exploration is indicated on the boring logs in Appendix A.

Following the soil sample collection, the exploration locations not completed as monitoring wells were abandoned in accordance with Chapter 173-160 WAC, Minimum Standards for Construction and Maintenance of Wells.

Sonic Explorations. Sonic explorations were advanced to depths ranging from 35 to 90 feet bgs using a 4- to 7-inch-diameter casing with a track-mounted drill rig. Continuous soil samples were extruded from the core barrel into a polyethylene sleeve and collected in approximately 2.5- to 5-foot intervals to either 25 feet bgs or to the bottom of the borings.

HSA Explorations. HSA explorations were advanced to depths ranging from 30 to 101 feet using a 4-inch inside diameter HSA with a truck- or track-mounted drill rig. Soil samples were collected from most exploration locations at 2.5- to 5-foot intervals to the bottom of the borings.

A Standard Penetration Test (SPT) was performed during HSA explorations as described in ASTM D1586 to determine an approximate measure of soil density and consistency. This test employs a standard 2-inch outside diameter split-spoon sampler driven into the soil for 18 inches using a 140-pound autohammer free-falling 30 inches. The number of blows required to drive the sampler the last 12 inches only is the Standard Penetration Resistance, or blow count, which measures the relative density of granular soil and the consistency of cohesive soil. The blow counts are plotted on the exploration logs at their respective sample depths.

Push-Probe Explorations. Push-probe explorations were advanced to depths ranging from 18 to 30 feet using a 2-inch-diameter probe advanced by a truck-mounted rig. Continuous soil samples were collected using an acetate-lined plastic sleeve sampler advanced by the push probe rig in approximately 2.5- to 5-foot intervals to the bottom of the borings.

Mud Rotary Explorations. Mud rotary explorations were advanced to depths ranging from 38.5 to 41.5 feet using a 6-inch inside diameter HSA with a track-mounted drill rig. Soil samples were collected for the purpose of field screening and logging geology at 5-foot intervals to the bottom of the borings.

A SPT was performed during mud rotary explorations as described previously. The blow counts are plotted on the exploration logs at their respective sample depths.

5.2.1.2 Soil Screening and Sampling Procedures

Field screening results were used as a general guideline to identify potential chemical constituents in soil samples, and as one of the criteria for selecting soil samples for chemical analysis. Soil samples were field

screened for evidence of TPH and/or VOC impacts using (1) visual and odor observations, (2) sheen testing, and (3) headspace vapor screening for volatile organic vapors using a MiniRAE photoionization detector (PID). The results of field screening are recorded on the exploration logs in Appendix A1.

The effectiveness of field screening varies with temperature, moisture content, organic content, soil type, and age of the constituents. Visual examination consists of inspecting the soil for stains. Visual screening is generally more effective when impacts are related to heavy TPH such as motor or hydraulic oil, or when hydrocarbon concentrations are high.

Sheen was tested for by placing a small volume of soil in a pan of water and observing the water surface for signs of sheen classified as follows:

Sheen Classification

Classification	Description
No sheen (NS)	No visible sheen on water surface.
Slight sheen (SS)	Light colorless film, spotty to globular; spread is irregular, not rapid, areas of no sheen remain, film dissipates rapidly.
Moderate sheen (MS)	Light to heavy film, may have some color or iridescence, globular to stringy, spread is irregular to flowing; few remaining areas of no sheen on water surface.
Heavy sheen (HS)	Heavy colorful film with iridescence; stringy, spread is rapid; sheen flows off the sample; most of the water surface may be covered with sheen.

Headspace vapor screening, which indicates the presence of volatile organic vapors, was performed by placing a 3- to 6-ounce soil sample in a pint-sized plastic sample bag. The plastic bag was shaken for several minutes to expose and volatilize the soil sample to the air captured in the plastic bag headspace. The PID probe was inserted into the bag and the instrument measured the concentration of organic vapors in the soil sample bag headspace. The highest vapor reading was recorded for each sample. The PID measures concentrations in parts per million (ppm) and is calibrated to isobutylene. The PID is typically designed to quantify total organic vapors concentrations in the range of 0.1 to 1,000 ppm.

A total of 343 soil samples were retained for laboratory analysis from 72 of the explorations (see Table 5-3 for sampled locations and depths). Thirteen field duplicate samples were also collected and submitted to the laboratory for quality control purposes. Soil samples were collected directly from the split-spoon sampler or plastic liner with a clean stainless-steel spoon and/or disposable nitrile gloves and placed in pre-cleaned, laboratory-supplied, 4-ounce glass sample jars and preserved or non-preserved 40-millilter (mL) volatile organic analysis (VOA) vials. VOA vials were filled with a 5-gram soil plug based on U.S. Environmental Protection Agency (EPA) Method 5035 procedures. The jars and VOA vials were sealed and labeled. Samples were stored in a cooler with bagged ice prior to submittal to the analytical laboratory under chain-of-custody protocols.

5.2.1.3 Soil Analytical Methods

Selected soil samples were analyzed for TPH (GRO, DRO, and HO), VOCs including CVOCs and BTEX, semi-volatile organic compounds (SVOCs) including cPAHs, PCBs, and/or inorganic compounds (i.e., metals) by Advanced Analytical Laboratory of Redmond, Washington, OnSite Environmental, Inc. of Redmond, Washington, and/or Friedman & Bruya, Inc. of Seattle, Washington, using the following methods:

- GRO by Ecology Method NWTPH-Gx.
- DRO and HO by Ecology Method NWTPH-Dx.
- SVOCs, including cPAHs, by EPA Method 8270D-SIM.
- BTEX by EPA Method 8021B and/or 8206B/8260C/8260D.
- VOCs, including CVOCs, by EPA Method 8260B/8260C/8260D.
- PCBs by EPA Method 8082A.
- Inorganic compounds (total metals, including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA Method 6020B/200.8/7470A.

The analyses performed on soil samples are summarized in Table 5-3 and results are included in Tables 5-4 through 5-8. A review of chemical data quality and laboratory reports from the 2019 and 2020 RI activities are provided in Appendix C1.

5.2.1.4 Soil Analytical Results

The analytical results for soil samples collected in 2019 and 2020 are discussed below.

Total Petroleum Hydrocarbons

Diesel Range Organics were detected in 12 of 280 samples analyzed. Detected concentrations ranged from 29 mg/kg to 350 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

Gasoline Range Organics were detected in 13 of 266 samples analyzed. Detected concentrations ranged from 7.3 mg/kg to 1,200 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

Heavy Oils were detected in 21 of 280 samples analyzed. Detected concentrations ranged from 150 mg/kg to 1,100 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 50.5 feet elevation) sample from the boring for monitoring well HMW-9IB, which is located in the west side of the Property.

In addition to numerical results, the analytical laboratory that analyzed the 2020 TPH samples, Friedman & Bruya, Inc., provided discretionary supplemental information regarding the appearance of the sample chromatograms in comparison to those of the fresh diesel standard. The lab identified 8 samples whose chromatograms were not a good match for the standard—HMW-6IA (10 and 15 feet bgs or elevation 48.65 and 43.65 feet), HMW-6IB (5 feet bgs or elevation 53.67 feet), HMW-7IB (5 and 10 feet bgs or elevation 53.69 and 48.69 feet), HMW-8IB (5 and 15 feet bgs or elevation 52.97 and 42.97 feet), and MBB-16 (5 feet bgs or elevation 48.7 feet).[10]

We obtained the chromatograms from these samples along with the chromatograms from the associated method blanks and fuel standard and reviewed them to see what relevant additional information could be obtained (Appendix C3).

For seven of the samples (from explorations HMW-6IA, HMW-6IB, HMW-7IB, and HMW-8IB), the chromatograms suggested the presence of weathered (degraded) oil. The chromatogram from MBB-16 indicates the presence of a very weathered gasoline or kerosene-like product eluting in the diesel range. As the chromatogram interpretation indicated that petroleum products are still present in these samples, but at levels so degraded that they did not match the fuel standard, we have used the concentrations as reported by the lab in this RI.

SVOCs

Benz[a]anthracene was detected in 24 of 150 samples analyzed. Detected concentrations ranged from 0.011 mg/kg to 1.5 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

Benzo(a)pyrene was detected in 17 of 150 samples analyzed. Detected concentrations ranged from 0.011 mg/kg to 1.8 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

Benzo(b)fluoranthene was detected in 26 of 150 samples analyzed. Detected concentrations ranged from 0.014 mg/kg to 2.3 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

Benzo(k)fluoranthene was detected in 4 of 150 samples analyzed. Detected concentrations ranged from 0.12 mg/kg to 0.77 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

[10] The laboratory used the informal flag "x" on their hardcopy reports to identify those TPH samples having a poor match to fresh fuel standards. Since "x" is not a permitted qualifier in Ecology's Environmental Information Management system, we applied the appropriate qualifier(s), if any, during the data validation process. Copies of the laboratory reports and the data validation reports for all samples, including those discussed above, are presented in Appendix C1.

Chrysene was detected in 28 of 150 samples analyzed. Detected concentrations ranged from 0.011 mg/kg to 2.3 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

Indeno(1,2,3-cd)pyrene was detected in 4 of 150 samples analyzed. Detected concentrations ranged from 0.051 mg/kg to 1.1 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

Acenaphthene was detected in 4 of 77 samples analyzed. Detected concentrations ranged from 0.05 mg/kg to 1.06 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

Acenaphthylene was detected in 1 of 77 samples analyzed. The detected concentration was 0.37 mg/kg. The concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

Anthracene was detected in 6 of 77 samples analyzed. Detected concentrations ranged from 0.05 mg/kg to 0.13 mg/kg. The highest concentration was reported in the 25-foot depth (approximately 33.5 feet elevation) sample from the boring for monitoring well HMW-7IB, which is located in the southwest corner of the Property.

Dibenz(a,h)anthracene was detected in 1 of 150 samples analyzed. The detected concentration was 0.22 mg/kg. The concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

Fluoranthene was detected in 24 of 77 samples analyzed. Detected concentrations ranged from 0.016 mg/kg to 4.68 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

Naphthalene was detected in 5 of 77 samples analyzed.[11] Detected concentrations ranged from 0.011 mg/kg to 0.74 mg/kg. The highest concentration was reported in the 20-foot depth (approximately 34.5 feet elevation) sample from the boring for MBB-4, which is located in the northwest corner of the Property.

Phenanthrene was detected in 24 of 77 samples analyzed. Detected concentrations ranged from 0.015 mg/kg to 1.97 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

[11] Naphthalene was analyzed by SVOC method 8270D-SIM and VOC method 8260B/8260C/8260D. This summary refers only to detections by SVOC method 8270D-SIM. This data is presented in Table 5-5.

Pyrene was detected in 25 of 77 samples analyzed. Detected concentrations ranged from 0.01 mg/kg to 4.41 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 51 feet elevation) sample from the boring for monitoring well HMW-4IA, which is located in the southwest corner of the Property.

For samples containing detectable cPAH compounds, a total cPAH value representing the toxic equivalent concentration of benzo(a)pyrene (cPAHs-TEQ) was calculated according to MTCA methodology in WAC 173-340-708(8)(e), using the toxicity equivalency factors provided in MTCA Table 708-2. cPAHs-TEQ ranged from 0.0016 mg/kg to 2.4 mg/kg in 28 of the 150 soil samples analyzed. The highest concentration was reported in the 10-foot depth (approximately 37 feet elevation) sample from the boring MBB-23, which is located on the north side of the Property.

VOCs

Benzene was detected in 2 of 309 samples analyzed. Detected concentrations ranged from 0.006 mg/kg to 0.011 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

Ethylbenzene was detected in 17 of 309 samples analyzed. Detected concentrations ranged from 0.0052 mg/kg to 3.9 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

Toluene was detected in 4 of 309 samples analyzed. Detected concentrations ranged from 0.018 mg/kg to 0.14 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

Xylenes (sum of m,p-xylene and o-xylene) were detected in 12 of 309 samples analyzed. Detected concentrations ranged from 0.0183 mg/kg to 7 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

Tetrachloroethene was detected in 4 of 309 samples analyzed. Detected concentrations ranged from 0.074 mg/kg to 3.4 mg/kg. The highest concentration was reported in the 45-foot depth (approximately 5 feet elevation) sample from the boring MBGW-5, which is located in the central-northern of the Property.

Trichloroethene was detected in 2 of 309 samples analyzed. Detected concentrations ranged from 0.024 mg/kg to 0.47 mg/kg. The highest concentration was reported in the 45-foot depth (approximately 5 feet elevation) sample from the boring MBGW-5, which is located in the central-northern portion of the Property.

Cis-1,2-Dichloroethene was detected in 2 of 309 samples analyzed. Detected concentrations ranged from 0.014 mg/kg to 0.26 mg/kg. The highest concentration was reported in the 45-foot depth (approximately 5 feet elevation) sample from the boring MBGW-5, which is located in the central-northern of the Property.

Trans-1,2-Dichloroethene was not detected in any of the 309 samples analyzed.

Vinyl chloride was not detected in any of the 309 samples analyzed.

1,2,4-Trimethylbenzene was detected in 17 of 309 samples analyzed. Detected concentrations ranged from 0.0068 mg/kg to 15 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

1,3,5-Trimethylbenzene was detected in 8 of 180 samples analyzed. Detected concentrations ranged from 0.0086 mg/kg to 5.7 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

Dibromochloromethane was detected in 1 of 309 samples analyzed. The detected concentration was 0.0081 mg/kg. The concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

Isopropyltoluene was detected in 2 of 116 samples analyzed. Detected concentrations ranged from 0.103 mg/kg to 0.97 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the MBGW-13, which is located in the northwest corner of the Property.

Naphthalene was detected in 7 of 180 samples analyzed.[12] Detected concentrations ranged from 0.0057 mg/kg to 1.9 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring for MBB-16, which is located in the northwest corner of the Property.

n-Butylbenzene was detected in 3 of 116 samples analyzed. Detected concentrations ranged from 0.055 mg/kg to 2.2 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

n-Propylbenzene was detected in 8 of 180 samples analyzed. Detected concentrations ranged from 0.0077 mg/kg to 3 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

p-Isopropyltoluene was detected in 5 of 64 samples analyzed. Detected concentrations ranged from 0.0059 mg/kg to 0.59 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

[12] Naphthalene was analyzed by SVOC method 8270D-SIM and VOC method 8260B/8260C/8260D. This summary refers only to detections by VOC method 8260B/8260C/8260D. This data is presented in Table 5-6.

sec-Butylbenzene was detected in 2 of 180 samples analyzed. Detected concentrations ranged from 0.011 mg/kg to 0.42 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

tert-Butylbenzene was detected in 1 of 180 samples analyzed. The detected concentration was 0.018 mg/kg. The concentration was reported in the 5-foot depth (approximately 49 feet elevation) sample from the boring MBB-16, which is located in the northwest corner of the Property.

Isopropylbenzene was detected in 6 of 180 samples analyzed. Detected concentrations ranged from 0.0062 mg/kg to 0.97 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 44.5 feet elevation) sample from the boring MBGW-13, which is located in the northwest corner of the Property.

PCBs

Aroclor 1242 was detected in 1 of 64 samples analyzed. The detected concentration was 0.022 mg/kg. The concentration was reported in the 10-foot depth (approximately 41.5 feet elevation) sample from the boring MBB-18, which is located in the center of the Property.

Aroclor 1254 was detected in 2 of 64 samples analyzed. The detected concentrations were 0.022 mg/kg in the 15-foot depth (approximately 40 feet elevation) sample from boring MBB-17 and 0.026 mg/kg in the 10-foot depth (approximately 41.5 feet elevation) sample from boring MBB-19, both of which are located in the southern portion of the Property.

No other PCBs were detected in any of the samples that were analyzed.

Inorganic Compounds

Arsenic was detected in 186 of 225 samples analyzed. Detected concentrations ranged from 1.03 mg/kg to 25.6 mg/kg. The highest concentrations were reported in the 20-foot depth (approximately 38.5 feet elevation) sample from monitoring wells HMW-6IB and HMW-7IB, which are located in the southwest corner of the Property.

Barium was detected in 32 of 32 samples analyzed. Detected concentrations ranged from 31.8 mg/kg to 200 mg/kg. The highest concentration was reported in the 5-foot depth (approximately 45 feet elevation) sample from the boring MBPP-7, which is located along the north Property boundary.

Chromium was detected in 225 of 225 samples analyzed. Detected concentrations ranged from 9.22 mg/kg to 46 mg/kg. The highest concentration was reported in the 7.5-foot depth (approximately 38 feet elevation) sample from the boring MBPP-1, which is located in the eastern part of the Property.

Lead was detected in 213 of 235 samples analyzed. Detected concentrations ranged from 1.02 mg/kg to 591 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 40.5 feet elevation) sample from the boring MBB-5, which is located in the central-northern part of the Property.

5.2.2 Groundwater Characterization

5.2.2.1 Monitoring Well Installation, Development, and Surveying

Hart Crowser completed 36 explorations as monitoring wells (listed below and shown on Figure 4-1). The wells were generally installed in localized clusters in different areas of the Site to evaluate groundwater conditions within different water-bearing zones. Each well cluster was designated with a different numerical value (i.e., "HMW-1" through "HMW-22"). The wells in each cluster were then classified into four categories based on elevation of the water-bearing zone in which they were screened: Shallow, Intermediate A, Intermediate B, and Deep, as described below.

- Shallow wells were screened at depths between approximately 20 and 45 feet bgs, corresponding to elevations between approximately -2 and 30 feet. These wells were identified with "S" and included HMW-1S, HMW-2S, HMW-9S, HMW-10S, HMW-11S, HMW-17S, HMW-18S, HMW-19S, HMW-20S, HMW-21S, and HMW-22S.

- Intermediate A wells were screened at depths between approximately 35 and 51 feet bgs, corresponding to elevations between approximately 1 and 21 feet. These wells were identified with "IA" and included HMW-2IA, HMW-3IA, HMW-6IA, HMW-9IA, and HMW-20IA.

- Intermediate B wells were screened at depths between approximately 45 and 73 feet bgs, corresponding to elevations between approximately -26 and 9 feet. These wells were identified with "IB" and included HMW-1IB, HMW-2IB, HMW-4IA[13], HMW-5IB, HMW-6IB, HMW-7IB, HMW-8IB, HMW-9IB, HMW-11IB, HMW-15IB, and HMW-16IB.

- Deep wells were screened at depths between approximately 70 and 100 feet bgs, corresponding to elevations between approximately -58 and -21 feet. These wells were identified with "D" and included HMW-1D, HMW-2D, HMW-3D, HMW-6D, HMW-9D, HMW-10D, HMW-12D, HMW-13D, and HMW-14D.

All of the wells are shown on Figure 4-1. Details of the monitoring wells are summarized in Table 5-2 and well construction diagrams are presented in Appendix A1.

Two-inch-diameter Schedule 40 polyvinyl chloride (PVC) riser pipe and 2-inch-diameter 0.020-inch machine-slotted screen were used for the well casings and screens. The well screen and casing riser were lowered down through the HSA/casing. As the auger/casing was withdrawn, No. 10/20 silica sand was placed in the annular space from the base of the exploration to approximately 1 to 2 feet above the top of the well screen.

Well seals were constructed by placing bentonite chips in the annular space on top of the filter sand to within three feet of ground surface. The remaining annular space was backfilled with concrete to complete the surface seal. Some monitoring wells were completed with stickup monuments set in concrete; bollards were also installed around the monitoring wells to protect the monuments from foot and vehicle traffic

[13] Monitoring well HMW-4IA was screened within the Intermediate B zone, but incorrectly labeled as an Intermediate A zone well.

above the wells. The remaining monitoring wells were completed with flush-mount monuments set in concrete, allowing foot and vehicle traffic above the wells. The monitoring wells were installed in accordance with Washington State well construction standards (Chapter 173-160 WAC).

The monitoring wells were developed after installation using a combination of surging, bailing, and/or pumping to remove sediment that may have accumulated during installation and to improve the hydraulic connection with the water-bearing zone. A field representative from Hart Crowser, Cascade Drilling, or Holt Services, Inc. conducted the well development. Wells HMW-1 through HMW-4 were developed on March 18, 2019. Wells HMW-5 through HMW-11 were developed between March 4, 2020, and March 6, 2020. Wells HMW-12 through HMW-16 were developed on July 21, 2020. Wells HMW-17 through HMW-20 were developed on September 10, 2020. Wells HMW-21S and HMW-22S were developed on October 27 and 28, 2020. Sediment thickness at the bottom of the well was measured and recorded before and after well development. The surge and purge equipment were cleaned between monitoring wells to prevent cross-contamination of wells. Well development generally proceeded until water from each well became visibly clear, turbidity measurements became stable, the well was pumped dry, or 10 casing volumes were purged (whichever was less).

In April 2019, Bush, Roed & Hitchings, Inc. surveyed wells HMW-1D, HMW-1IB, HMW-1S, HMW-2D, HMW-2IA, HMW-2IB, HMW-2S, HMW-3IA, HMW-3D, HMW-4IA, and FMW-129. In April 2020, Bush, Roed & Hitchings, Inc. re-surveyed wells HMW-1D, HMW-1IB, HMW-1S, HMW-2D, HMW-2IA, HMW-2IB, HMW-2S, HMW-3IA, HMW-3D, surveyed new wells HMW-5IB, HMW-6IA, HMW-6IB, HMW-6D, HMW-7IB, HMW-8IB, HMW-9D, HMW-9IA, HMW-9IB, HMW-9S, HMW-10D, HMW-10S, HMW-11IB, HMW-11S, and surveyed off-property wells DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, DMW-6, MW-119, MW-325, MW-316, and MW-305. In September 2020, Bush, Roed & Hitchings, Inc. surveyed new wells HMW-12D, HMW-13D, HMW-14D, HMW-15IB, HMW-16IB, HMW-17S, HMW-18S, HMW-19S, HMW-20S, HMW-20IA. In November 2020, Bush, Roed & Hitchings, Inc. surveyed wells HMW-21S and HMW-22S and re-surveyed wells HMW-17S, HMW-18S, HMW-19S, HMW-20S, and HMW-20IA. The horizontal datum was North American Datum of 1983 adjusted 2011 (NAD 83-2011) Epoch 2010.00 and the vertical datum was NAVD88. Survey data is in Appendix E.

5.2.2.2 Groundwater Sampling Procedures

Groundwater samples were collected from select explorations as grab groundwater samples and from the new monitoring wells. Grab groundwater samples are used to efficiently screen for the potential extent of groundwater contamination in cases where a permanent monitoring well is not required for long-term groundwater quality monitoring or aquifer characterization. Grab groundwater sampling results are also used for screening purposes due to the potential presence of particulate matter (turbidity) that may bias the results high since it is often not possible to fully develop a temporary well.

Groundwater samples were collected for chemical analysis using clean disposable tubing and placed in pre-cleaned, laboratory-supplied sample containers. VOA vials were filled completely to eliminate headspace in the sample. Filled sample containers were sealed, labeled, and stored in a cooler containing bagged ice prior to submittal to the analytical laboratory under chain-of-custody protocols.

Grab Groundwater Sampling Procedures. Grab groundwater samples (also known as reconnaissance samples) were collected from 33 borings during the 2019 and 2020 RI activities, including:

- Samples collected from MBGW-1 through MBGW-3, MBGW-5 through MBGW-16, and MBPP-5 between March 4 and March 19, 2019.
- Samples collected from MBB-1 through MBB-10, MMB-12, MBB-13, and MBB-15 between February 7 and March 9, 2020.
- Samples collected from MBB-16 and MBB-24 on September 3 and 10, 2020, respectively.
- Samples collected from MBB-25 and MBB-26 on October 31 and 30, respectively.

All of the grab groundwater samples were collected from temporary wells screened within the Shallow water-bearing zone. For the grab samples collected in 2019, a temporary well was installed by lowering a section of slotted PVC well screen and tubing to a depth ranging from 15 to 45 feet (elevation 1 to 37 feet) and samples were collected using a peristaltic pump with no extended wait time between temporary well installation and sampling. For the grab samples collected in 2020, a temporary well was installed by lowering a prepacked screen and tubing to a depth ranging from 15 to 45 feet (elevation 1 to 37 feet) and grab groundwater samples were collected at least 12 hours after the temporary wells were installed and after the wells were purged.

In 2019, a peristaltic pump was used to collect the grab groundwater samples. In 2020, a peristaltic pump, submersible pump, or bailer was used to collect the grab groundwater samples, depending on the depth of the water table and amount of water in the well (Appendix A3). A bailer, a deviation from the sampling and analysis plan, was used when there was limited water available for purging and sampling in borings MBB-7 and MBB-8.

Monitoring Well Sampling Procedures. In March 2019, groundwater samples were collected from monitoring wells HMW-1S, HMW-1IB, HMW-1D, HMW-2S, HMW-2IA, HMW-2IB, HMW-2D, HMW-3IA, HMW-3D, and HMW-4IA. In March 2020, groundwater samples were collected from all of the monitoring wells that were sampled in March 2019 in addition to the 14 wells that were installed on the Property in February and March 2020: HMW-5IB, HMW-6IA, HMW-6IB, HMW-6D, HMW-7IB, HMW-8IB, HMW-9S, HMW-9IA, HMW-9IB, HMW-9D, HMW-10S, HMW-10D, HMW-11S, and HMW-11IB. In September 2020, groundwater samples were collected from 10 newly installed wells HMW-12D, HMW-13D, HMW-14D, HMW-15IB, HMW-16IB, HMW-17S, HMW-18S, HMW-19S, HMW-20S, and HMW-20IA. In November 2020, groundwater samples were collected from two newly installed wells HMW-21S and HMW-22S and two previously installed wells MW-146 and MW-147. Two field duplicates were also collected from monitoring wells and submitted to the laboratory for quality control purposes.

Upon arrival at the wellhead, field personnel recorded well conditions and measured depth to water and sediment in the well using a Waterline probe. Groundwater samples were collected using EPA's Low-flow Ground-water Sampling Procedures to minimize suspended solids in the samples and maximize the

sample's representativeness of the aquifer. The wells were purged prior to sample collection. Purging and sampling were performed using either a peristaltic pump or submersible pump.

During purging, Hart Crowser staff used a flow-through cell and water quality probe to monitor groundwater field parameters including dissolved oxygen, turbidity, temperature, specific conductivity, oxidation-reduction potential (ORP), and pH. The probe was calibrated according to the manufacturer's procedures. Each well was purged until the field parameters of pH, temperature, and specific conductivity met the stability criteria (i.e., specific conductivity ± 10 percent, pH ± 0.1 pH units, and temperature ± 0.1 degrees Celsius [°C]), then a groundwater sample was collected. During purging, visual and olfactory observations were also recorded (see Appendix A3). Samples collected for dissolved metals analysis were filtered in the field using a 0.45-micron filter.

5.2.2.3 Groundwater Analytical Methods

Selected samples were analyzed for TPH (GRO, DRO, and HO), VOCs including CVOCs and BTEX, SVOCs including cPAHs, inorganic compounds (i.e., total and/or dissolved metals), and/or total suspended solids (TSS) by Advanced Analytical Laboratory of Redmond, Washington, OnSite Environmental, Inc. of Redmond, Washington, and Friedman & Bruya, Inc. of Seattle, Washington using the following methods:

- GRO by NWTPH-Gx.
- DRO and HO by NWTPH-Dx.
- SVOCs, including cPAHs by EPA method 8270D-SIM.
- BTEX by EPA method 8021 B and/or 8260B/8260D.
- VOCs, including CVOCs, by EPA method 8260B/8260C/8260D.
- Inorganic compounds (total and/or dissolved metals) by EPA method 200.8/6020B/7470A.
- TSS by SM 2540D.

The analyses performed on groundwater samples are summarized in Table 5-9 and results are summarized in Tables 5-10 through 5-13. These tables include information from the 2019 and 2020 RI activities as well as relevant previous investigations. A review of chemical data quality and laboratory reports from the 2019 and 2020 RI activities are included in Appendix C1.

5.2.2.4 Groundwater Analytical Results

The analytical results for groundwater samples collected in 2019 and 2020 are discussed below.

Total Petroleum Hydrocarbons

Diesel Range Organics were detected in 25 of 81 samples analyzed. Detected concentrations ranged from 56 µg/L to 650 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone. Thirteen detections were in the Shallow zone, two detections were in the Intermediate A zone, five detections were in the Intermediate B zone, and five detections were in the Deep zone.

Gasoline Range Organics were detected in 12 of 75 samples analyzed. Detected concentrations ranged from 130 µg/L to 1,600 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone. Eight detections were in the Shallow zone, two detections were in the Intermediate A zone, one detection was in the Intermediate B zone, and one detection was in the Deep zone.

Heavy Oil was detected in 1 of 81 samples analyzed. The detected concentration was 290 µg/L, reported in February 2020 in grab groundwater sample MBB-9, which is located in the center of the Property and screened in the Shallow water-bearing zone.

In addition to numerical results, the analytical laboratory that analyzed the 2020 TPH samples, Friedman & Bruya, Inc., provided discretionary supplemental information regarding the appearance of the sample chromatograms in comparison to those of the fresh diesel, gasoline, or oil standard. The lab identified 26 samples whose chromatograms were not a good match for the diesel standard; these samples were from HMW-22S, MBB-2, MBB-24, MBB-3, MBB-4, MBB-5, MBB-6, HMW-3D, HMW-3IA, HMW-9D (and its field duplicate sample), HMW-9IB, HMW-16IB, HMW-1S, MBB-15, MBB-9, HMW-1D, HMW-11IB (and its field duplicate sample), HMW-11S, HMW-2D, HMW-2S, HMW-10S, HMW-6IA, HMW-6IB, and HMW-9S. The lab also identified one sample—from HMW-9IB—whose chromatograms were not a good match for the gasoline standard and one sample—from MBB-9—whose chromatograms were not a good match for the oil standard.[14]

We obtained the chromatograms from these samples along with the chromatograms from the associated method blanks and fuel standard and reviewed them to see what relevant additional information could be obtained (Appendix C3).

For the sample from location HMW-11S, the laboratory report case narrative noted the reported DRO concentration was primarily due to two discrete peaks and that a pattern of peaks indicating a middle distillate product, such as diesel fuel #2, was not observed. The HMW-22S chromatogram had similar peaks as HMW-11S (e.g., the largest peak in both samples elutes at the same time) and is located nearby. Based on the case narrative and our interpretation of the chromatograms, we do not believe the reported DRO concentrations are actually representative of DRO. The two samples were qualified as non-detect (U) at the detected concentrations.

For six of the samples, those from locations HMW-2D, HMW-2S, HMW-10S, HMW-6IA, HMW-6IB, and HMW-9S, the concentrations of petroleum-range hydrocarbons were so low that no additional interpretation could be made. The chromatograms of the remaining samples suggested the presence of weathered (degraded) fuel (MBB-2, MBB-24, MBB-3, MBB-4, HMW-3D, HMW-3IA, HMW-9D, HMW-9IB—

[14] The laboratory used the informal flag "x" on their hardcopy reports to identify those TPH samples having a poor match to fresh fuel standards. Since "x" is not a permitted qualifier in Ecology's Environmental Information Management system, we applied the appropriate qualifier(s), if any, during the data validation process. Copies of the laboratory reports and the data validation reports for all samples, including those discussed above, are presented in Appendix C1.

diesel), interference from naturally occurring organic material (HMW-16IB, HMW-1S, MBB-15, and MBB-9—diesel and oil), and/or interference from CVOCs or other unquantified VOCs or SVOCs (MBB-5, MBB-6, HMW-1D, HMW-9IB—gasoline, and HMW-11IB). All the samples having interpretable chromatograms lie in areas of the Site with known petroleum or CVOC detections in groundwater and/or soil and not from otherwise "clean" areas. Because of this, we do not believe that these samples represent any significant unidentified impacted areas or contaminants and have used the concentrations as reported by the lab in this RI, with the exceptions of HMW-11S and HMW-22S as noted above.

SVOCs

Acenaphthene was detected in 1 of 25 samples analyzed. The detected concentration was 0.25 µg/L. The concentration was reported in March 2020 in grab groundwater sample MBB-15, which is located on the east side of the Property and screened in the Shallow water-bearing zone.

Fluorene was detected in 1 of 25 samples analyzed. The detected concentration was 0.098 µg/L. The concentration was reported in March 2020 in grab groundwater sample MBB-15, which is located in the east side of the Property and screened in the Shallow water-bearing zone.

Naphthalene was detected in 2 of 25 samples analyzed.[15] Detected concentrations ranged from 2.2 µg/L to 6 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property. Both detections were in the Shallow water-bearing zone.

Phenanthrene was detected in 1 of 25 samples analyzed. The detected concentration was 0.18 µg/L. The concentration was reported in March 2020 in grab groundwater sample MBB-15, which is located in the east side of the Property and screened in the Shallow water-bearing zone.

1-Methylnaphthalene was detected in 1 of 13 samples analyzed. The detected concentration was 1.6 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

2-Methylnaphthalene was detected in 1 of 13 samples analyzed. The detected concentration was 1.6 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

cPAHs were not detected in any of 26 samples analyzed.

VOCs

Benzene was detected in 9 of 75 samples analyzed. Detected concentrations ranged from 0.13 µg/L to 34 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24,

[15] Naphthalene was analyzed by SVOC method 8270D-SIM and VOC method 8260B/8260C/8260D. This summary refers only to detections by SVOC method 8270D-SIM. This data is presented in Table 5-11.

which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone. Six detections were in the Shallow zone, one detection was in the Intermediate A zone, and two detections were in the Deep zone.

Ethylbenzene was detected in 6 of 75 samples analyzed. Detected concentrations ranged from 0.2 µg/L to 24 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property. All six detections were in the Shallow water-bearing zone.

Toluene was detected in 14 of 75 samples analyzed. Detected concentrations ranged from 0.22 µg/L to 49 µg/L. The highest concentration was reported in March 2020 in grab groundwater sample MBB-6, which is located in the central region of the Property and screened in the Shallow water-bearing zone. Six detections were in the Shallow zone, four detections were in the Intermediate B zone, and four detections were in the Deep zone.

Xylenes (sum of m,p-xylene and o-xylene) were detected in 5 of 75 samples analyzed. Detected concentrations ranged from 0.6 µg/L to 41 µg/L. The highest concentration was reported in March 2020 in grab groundwater sample MBB-3, which is located in the northwest corner of the Property. All five detections were in the Shallow water-bearing zone.

cis-1,2-Dichloroethene was detected in 30 of 75 samples analyzed. Detected concentrations ranged from 0.2 µg/L to 9,100 µg/L. The highest concentration was reported in March 2020 in monitoring well HMW-9IB, which is located on the west side of the Property and screened in the Intermediate B water-bearing zone. Eleven detections were in the Shallow zone, five detections were in the Intermediate A zone, eight detections were in the Intermediate B zone, and six detections were in the Deep zone.

Tetrachloroethene was detected in 27 of 75 samples analyzed. Detected concentrations ranged from 0.21 µg/L to 660 µg/L. The highest concentration was reported in March 2020 in monitoring well HMW-9IB, which is located on the west side of the Property and screened in the Intermediate B water-bearing zone. Twelve detections were in the Shallow zone, five detections were in the Intermediate A zone, six detections were in the Intermediate B zone, and four detections were in the Deep zone.

trans-1,2-Dichloroethene was detected in 9 of 75 samples analyzed. Detected concentrations ranged from 0.22 µg/L to 13 µg/L. The highest concentration was reported in November 2020 in monitoring wells MW-146 and MW-147, which are located on the north side of the Property and screened in the Intermediate A and Intermediate B water-bearing zones, respectively. One detection was in the Shallow zone, three detections were in the Intermediate A zone, two detection was in the Intermediate B zone, and three detections were in the Deep zone.

Trichloroethene was detected in 22 of 75 samples analyzed. Detected concentrations ranged from 0.23 µg/L to 420 µg/L. The highest concentration was reported in March 2020 in monitoring well HMW-9IB, which is located on the west side of the Property and screened in the Intermediate B water-bearing zone.

Nine detections were in the Shallow zone, five detections were in the Intermediate A zone, six detections were in the Intermediate B zone, and two detections were in the Deep zone.

Vinyl chloride was detected in 19 of 75 samples analyzed. Detected concentrations ranged from 0.3 µg/L to 7,400 µg/L. The highest concentration was reported in November 2020 in monitoring well MW-147, which is located on the north side of the Property and screened in the Intermediate B water-bearing zone. Four detections were in the Shallow zone, five detections were in the Intermediate A zone, five detections were in the Intermediate B zone, and five detections were in the Deep zone.

1,1,1-Trichloroethane was detected in 1 of 75 samples analyzed. The detected concentration was 0.2 µg/L. The concentration was reported in March 2020 in monitoring well HMW-2S, which is located in the central area of the Property and screened in the Shallow water-bearing zone.

1,1-Dichloroethene was detected in 9 of 75 samples analyzed. Detected concentrations ranged from 0.61 µg/L to 13 µg/L. The highest concentration was reported in March 2020 in monitoring well HMW-9IB, which is located on the west side of the Property and screened in the Intermediate B water-bearing zone. Two detections were in the Shallow zone, two detections were in the Intermediate A zone, one detection was in the Intermediate B zone, and two detections were in the Deep zone.

1,2,4-Trimethylbenzene was detected in 5 of 75 samples analyzed. Detected concentrations ranged from 0.65 µg/L to 37 µg/L. The highest concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property. All five detections were in the Shallow water-bearing zone.

1,2-Dichloroethane was detected in 1 of 39 samples analyzed. The detected concentration was 7.1 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

1,3,5-Trimethylbenzene was detected in 1 of 39 samples analyzed. The detected concentration was 14 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

Chloroform was detected in 8 of 75 samples analyzed. Detected concentrations ranged from 0.23 µg/L to 0.42 µg/L. The highest concentration was reported in March 2020 in monitoring well HMW-6D, which is located along the west side of the Property and screened in the Deep water-bearing zone. Four detections were in the Shallow zone, two detections were in the Intermediate B zone, and two detections were in the Deep zone.

Isopropylbenzene was detected in 1 of 39 samples. The detected concentration was 6 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

Methyl ethyl ketone was detected in 1 of 14 samples. The detected concentration was 25 µg/L. The concentration was reported in March 2020 in monitoring well HMW-16IB, which is located in the northwest corner of the Property and screened in the Intermediate B water-bearing zone.

Naphthalene was detected in 1 of 39 samples analyzed.[16] The detected concentration was 6.9 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

n-Propylbenzene was detected in 1 of 39 samples. The detected concentration was 6.9 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

p-Isopropyltoluene was detected in 1 of 14 samples. The detected concentration was 3.8 µg/L and was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

sec-Butylbenzene was detected in 1 of 39 samples. The detected concentration was 2 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

tert-Butylbenzene was detected in 1 of 39 samples. The detected concentration was 0.3 µg/L. The concentration was reported in September 2020 in grab groundwater sample MBB-24, which is located in the northwest quadrant of the Property and screened in the Shallow water-bearing zone.

Inorganic Compounds

Dissolved arsenic was detected in 22 of 37 samples analyzed. Detected concentrations ranged from 1.32 µg/L to 41.2 µg/L. The highest concentration was reported in March 2020 in grab groundwater sample MBB-13, which is located near the east Property boundary and screened in the Shallow water-bearing zone. Fifteen detections were in the Shallow zone, one detection was in the Intermediate A zone, three detections were in the Intermediate B zone, and three detections were in the Deep zone.

Dissolved barium was detected in 9 of 15 samples analyzed. Detected concentrations ranged from 25 µg/L to 95 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-15, which is located in the southeast corner of the Property. All nine detections were in the Shallow water-bearing zone.

Dissolved chromium was detected in 4 of 37 samples analyzed. Detected concentrations ranged from 1.21 µg/L to 4.26 µg/L. The highest concentration was reported in September 2020 in monitoring well HMW-

[16] Naphthalene was analyzed by SVOC method 8270D-SIM and VOC method 8260B/8260C/8260D. This summary refers only to detections by VOC method 8260B/8260C/8260D. This data is presented in Table 5-12.

20S, which is located in the center of the western half of the Property and screened in the Shallow water-bearing zone. Three detections were in the Shallow zone and one was in the Intermediate B zone.

Total arsenic was detected in 55 of 65 samples analyzed. Detected concentrations ranged from 1.02 µg/L to 210 µg/L. The highest concentration was reported in March 2019 in a grab groundwater sample from MBGW-16, which is located near the center of the southern Property boundary and screened in the Shallow water-bearing zone. Thirty-two detections were in the Shallow zone, five detections were in the Intermediate A zone, eight detections were in the Intermediate B zone, and ten detections were in the Deep zone.

Total barium was detected in 15 of 15 samples analyzed. Detected concentrations ranged from 65 µg/L to 4,600 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-16, which is located near the center of the southern Property boundary. All fifteen detections were in the Shallow water-bearing zone.

Total cadmium was detected in 4 of 65 samples analyzed. Detected concentrations ranged from 5.3 µg/L to 7.5 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-7, which is located in the center of the western half of the Property. All four detections were in the Shallow water-bearing zone.

Total chromium was detected in 40 of 65 samples analyzed. Detected concentrations ranged from 1.09 µg/L to 2,400 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-16, which is located near the center of the southern Property boundary and screened in the Shallow water-bearing zone. Thirty detections were in the Shallow zone, two detections were in the Intermediate A zone, four detections were in the Intermediate B zone, and four detections were in the Deep zone.

Total lead was detected in 18 of 65 samples analyzed. Detected concentrations ranged from 1.27 µg/L to 200 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-10, which is located along the west side of the southern Property boundary. All eighteen detections were in the Shallow water-bearing zone.

Total mercury was detected in 6 of 65 samples analyzed. Detected concentrations ranged from 0.88 µg/L to 2.3 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-10, which is located along the west side of the southern Property boundary. All six detections were in the Shallow water-bearing zone.

Total selenium was detected in 6 of 15 samples analyzed. Detected concentrations ranged from 7.9 µg/L to 31 µg/L. The highest concentration was reported in March 2019 in grab groundwater sample MBGW-16, which is located near the center of the southern Property boundary. All six detections were in the Shallow water-bearing zone.

5.2.3 Aquifer Characterization

Aquifer characterization consisted of slug testing to estimate hydraulic conductivity and synoptic and long-term groundwater level measurements to define depth to water, groundwater flow direction, and horizontal and vertical hydraulic gradients. The methodology of slug testing and synoptic and long-term groundwater level monitoring is described in the following sections; the results and analysis of aquifer characterization are presented briefly in Section 4.2 and in more detail in Appendix B.

5.2.3.1 Slug Testing

Slug tests were performed in March 2019 and March 2020 in 23 monitoring wells to determine hydraulic conductivity of the water-bearing formations underlying the Property. Four wells were screened in the Shallow zone, four wells in the Intermediate A zone, nine wells in the Intermediate B zone, and six wells in the Deep zone (Table 4-1).

Slug tests were performed by rapidly inserting or removing a 5-foot length of 0.1-foot-diameter solid PVC rod (slug) in a well and measuring the change in water levels as they returned to equilibrium. A test conducted by the insertion of the PVC rod into the well is referred to as a falling head test and the following removal of the rod is called a rising head test. Water levels were monitored using In-Situ Inc. Rugged Troll 200 non-vented or Level Troll 500 vented pressure transducers. After inserting or removing the slug, water levels were allowed to recover to within 10 percent of initial displacement before beginning the following test. Several falling and rising head tests were performed at each well to ensure consistent results.

5.2.3.2 Groundwater Level Measurements

Groundwater elevation was measured in 60 selected monitoring wells on and adjacent to the Property (Table 4-2). These included:

- 18 wells screened in the shallow zone (Property wells HMW-1S, HMW-2S, HMW-9S, HMW-10S, HMW-11S, HMW-17S, HMW-18S, HMW-10S, HMW-20S, HMW-21S, and HMW-22S and off-Property wells DMW-1S, DMW-2S, DMW-4S, DMW-6, MW-154, MW-155, and MW-305).
- 13 wells screened in the intermediate A (upper) zone (Property wells HMW-2IA, HMW-3IA, HMW-6IA, HMW-9IA, and HMW-20IA and off-Property wells DMW-3IA, HC-4, BB-8, MW-119, MW-146, MW-306, MW-315, and MW-325).
- 15 wells screened in the intermediate B (lower) zone (Property wells HMW-1IB, HMW-2IB, HMW-4IA, HMW-5IB, HMW-6IB, HMW-7IB, HMW-8IB, HMW-9IB, HMW-11IB, HMW-15IB, and HMW-16IB and off-Property wells MW-147, MW-148, MW-307, and MW-316).
- 14 wells screened in the deep zone (Property wells HMW-1D, HMW-2D, HMW-3D, HMW-6D, HMW-9D, HMW-10D, HMW-12D, HMW-13D, HMW-14D, FMW-129, and MW-106 and off-Property wells MW-105, MW-153, and MW-326).

Measurements were taken manually in 11 or more of the wells listed above during short synoptic events to characterize horizontal and vertical flow regimes at a single time. Additionally, various measurements

were taken at selected wells throughout 2019 and 2020 (see Table 4-2) to collect groundwater elevation data during both wet and dry seasons and to monitor potential groundwater variations due to dewatering activities at sites near the Property.

Synoptic groundwater level measurement events occurred on March 26, 2019 (at 19 wells), December 5, 2019 (at 11 wells), January 13, 2020 (at 28 wells), March 19, 2020 (at 46 wells), May 11, 2020 (at 48 wells), July 13, 2020 (at 48 wells), September 2, 2020 (at 34 wells), and February 1, 2021 (at 59 wells). During each event, wells were opened for a minimum of 30 minutes to allow equilibration with the atmosphere. The depth to water from the top of well casing was manually measured in each well using an electronic water level indicator tape. Groundwater elevation was obtained by subtracting the measured depth to water from the casing elevation determined by licensed surveyors.

5.2.3.3 Long-term Groundwater Level Monitoring

Pressure transducers were deployed in eight selected wells (HMW-1IB, HMW-1D, HMW-2IA, HMW-2IB, HMW-2D, HMW-3IA, HMW-3D, and HMW-4IA) beginning in March 2019 to automatically monitor long-term changes in groundwater elevation. In-Situ Rugged Troll 100 and Rugged Troll 200 non-vented transducers were used to automatically measure water levels every 10 minutes. An In-Situ BaroTroll transducer was deployed to measure changes in atmospheric pressure during the sampling period. The raw water level measurements were processed to remove influence from changes in atmospheric pressure.

6.0 CONCEPTUAL SITE MODEL

This section presents a conceptual site model (CSM) for the Site based on the data collected during remedial investigation activities for the Property and for adjacent properties. The CSM identifies potential sources of contamination, contaminant transport pathways, and current and potential human and ecologic exposure pathways. The CSM for the Site is discussed below and illustrated in the diagram presented in Figure 6-1.

6.1 Contaminant Sources

As described in Section 3.0, potential sources of historical on-property releases include: (a) leaks and spills from historical on-property activities including from former gasoline and auto repair stations, a former auto wrecking operation, a former soap manufacturing and chemical works facility, and paint stores and sign painting operations; and (b) historical placement of potentially contaminated fill.

Historical off-Property releases that may have affected the Property include releases of petroleum and solvents (petroleum or chlorinated) from service stations, USTs, and laundry and dry-cleaning operations from surrounding and nearby properties, as discussed in Section 3.0.

6.2 Transport Pathways

Potential releases of lighter-than-water products, such as gasoline- through diesel-range organics, BTEX, PCBs (in paint or oil), and some cPAHs (including fuels, petroleum solvents, paints, thinners, etc.) would

move downward through the unsaturated soil through leaching or under the force of gravity. Geologic heterogeneities may cause releases to spread out in the soil. Small releases may not have sufficient volume to reach the water table. The released product would stop moving downward once it encountered the water table where hazardous constituents from the release would dissolve in the groundwater, depending upon solubility, where they could be transported along with the groundwater through advective flow.

Releases of lead in leaded gasoline would be transported along with the gasoline release as described above. Releases of particles of lead or other metals (e.g., from car batteries or contaminated fill) would largely remain in the soil at the point of release due to their limited aqueous solubilities.

Naturally occurring arsenic in soil can be mobilized in groundwater by geochemical conditions caused by the natural microbial breakdown of petroleum or by other naturally reducing conditions.

Volatile constituents could also be transported via volatilization from unsaturated soil and shallow groundwater into soil gas, where they could migrate to the ambient air or overlying structures.

As described in Kueper et al. (2003), releases of heavier-than-water organic compounds (dense non-aqueous phase liquids or DNAPLs), such as chlorinated solvents, would also move downward through the unsaturated soil under the force of gravity where geologic heterogeneities may cause releases to spread out. As with petroleum, small releases may not have sufficient volume to reach the water table, but larger releases may. Unlike petroleum, DNAPLs will continue to move downward through the water table. The DNAPL will migrate in a discontinuous fashion along multiple flow paths, with downward movement controlled by the pore size distribution and bedding of the geologic unit. As DNAPL moves through the subsurface, disconnected blobs and ganglia are left behind the trailing edge of the DNAPL. Downward DNAPL movement will continue until the mass of DNAPL is exhausted or a soil layer fine enough to stop the DNAPL is encountered. In the latter case, the DNAPL will pool and spread laterally. Portions of a site containing DNAPL pools and/or residual DNAPL (blobs and ganglia) are termed the DNAPL source zone. As groundwater moves through the DNAPL source zone, a plume of dissolved contaminants is generated, and soluble constituents partition into groundwater dictated by the effective solubility of the solvent mixture or petroleum hydrocarbon components. Dissolved contaminants then migrate by advection with groundwater.

DNAPLs (particularly chlorinated solvents) undergo transformation in the subsurface environment from “parent” chlorinated solvents (e.g., PCE and TCE) to “daughter” compounds via reductive dechlorination whereby the parent dry-cleaning solvent PCE degrades through reductive dechlorination into the daughter compounds TCE, dichloroethenes (e.g., cis-1,2-dichloroethene), and vinyl chloride. Volatile constituents, either parent or daughter compounds could also be transported via volatilization from unsaturated soil and shallow groundwater into soil gas where they could ultimately be released to the ambient air or overlying structures.

The presence of chlorinated DNAPLs has been documented beneath former source areas on the adjacent 700 Dexter property and dissolved-phase CVOCs have migrated from there onto the Seattle DOT Mercer

Parcels property. The role of DNAPL migration and other CVOC fate and transport processes that have occurred beyond the 700 Dexter property are being evaluated as part of the ongoing American Linen RI (PES 2019).

6.3 Land Use and Zoning

The Property is currently zoned for mixed use (Seattle Mixed South Lake Union 175/85-280). Based on the current and proposed redevelopment of the area, the future land use at the Property is reasonably expected to remain mixed use. Based on the mixed-use zoning code, a wide variety of light industrial, residential, and commercial uses are allowed.

The area is currently served by the Seattle Public Utilities municipal water system. While this is likely to continue for the foreseeable future, groundwater at the Site is considered to be a potential future source of drinking water.

6.4 Receptors and Exposure Pathways

Potential receptors at the Site currently and in the future include construction workers, workers and patrons of commercial and retail facilities, and area residents. Potential receptors and associated exposure pathways are:

- Any person in contact with contaminated soil.
- Any person that incidentally ingests contaminated soil.
- Any future building occupant breathing potentially contaminated air impacted from volatile compounds in vadose-zone soil and/or shallow groundwater.
- Any person ingesting contaminated groundwater.

Terrestrial ecological receptors are not a concern for the Site based on the evaluation discussed below (Section 6.5).

6.5 Terrestrial Ecological Evaluation

The need for a Terrestrial Ecological Evaluation (TEE) must be considered in an RI. WAC 173-340-7490 through 173-340-7494 define the goals and procedures of a TEE, including determining whether a release of hazardous substances to soil may pose a threat to the terrestrial environment, characterizing existing or potential threats to terrestrial plants or animals exposed to hazardous substances in soil, and establishing site-specific cleanup standards for the protection of terrestrial plants and animals.

WAC 173-340-7491 describes several situations in which a site is exempt from further evaluation of terrestrial ecological risks. This Site meets the TEE exclusion criteria under WAC 173-340-7491(1)(b), which states that no further evaluation is required for sites where all soil contamination is or will be, covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and

institutional controls are used to manage remaining contamination. When the Property is redeveloped, soil contamination within the Property and the right-of-way is expected to be covered by physical barriers. Institutional controls will be proposed in the feasibility study to ensure appropriate management of remaining contamination. Therefore, the Site qualifies for an exclusion from a TEE based on the planned future land use.

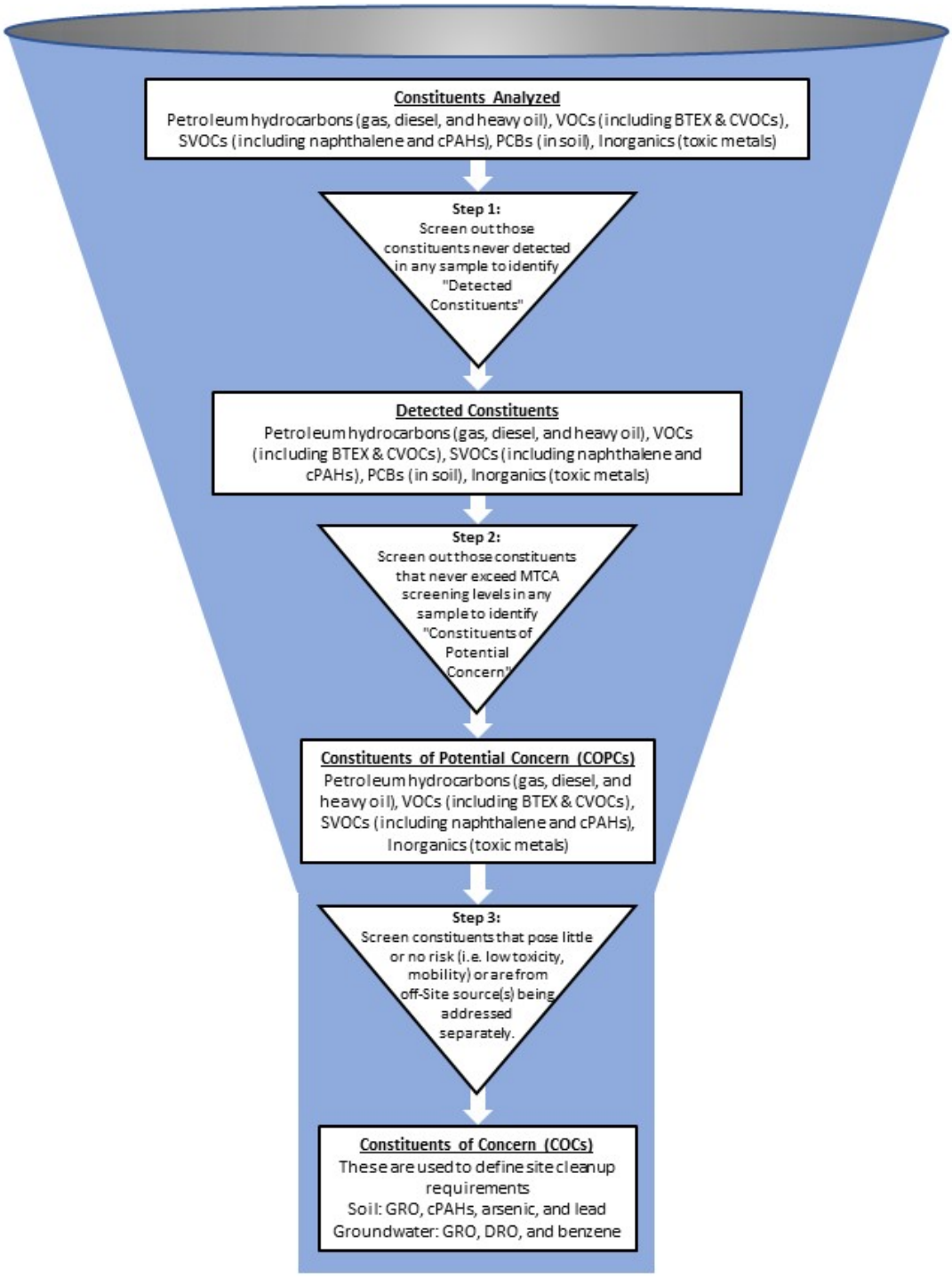
7.0 NATURE AND EXTENT OF CONTAMINATION

The following sections describe the nature and extent of contamination at the Site. Section 7.1 provides a roadmap for how the proposed constituents of concern (COCs)—those constituents that are to be addressed by the cleanup action—were identified, and Sections 7.2 and 7.3 describe the distribution of proposed COCs in soil and groundwater, respectively.

7.1 COC Identification Process

A three-step process was utilized to determine proposed COCs: identification of detected constituents; identification of Constituents of Potential Concern (COPCs); and identification of proposed Constituents of Concern (COCs). The COC-selection process is presented graphically in Figure 7-1 and described in detail in Sections 7.1.1 through 7.1.3 below.

Figure 7-1. COC Identification Process



In addition, the identification of proposed COCs is documented in four sets of interrelated tables.

- **Table 7-1** presents the basis for the selection of screening levels for soil and groundwater.
- **Tables 7-2a through 7-2c**, provide a statistical summary of the soil and groundwater data from borings and wells located on the property and adjacent sidewalks and planting strips. The tables show which constituents were analyzed and which were detected. The tables also present the screening levels that were selected for each constituent based on the relevant exposure pathways identified by the CSM and indicate which constituents exceeded the lowest (most protective) screening level. Because the screening levels are different for vadose zone soil and saturated zone soil[17], data from each zone is presented in its own table.
- **Tables 7-3a through 7-3n**, presents the complete analytical results for each sample compared to screening levels, organized by medium and analyte group.
- **Tables 7-4a and 7-4b**, lists the constituents of potential concern (COPCs) for soil and groundwater, respectively, and summarize our evaluation of which COPC should be carried forward as proposed constituents of concern (COCs).

7.1.1 Identification of Detected Constituents

As discussed in Section 5.2, soil and groundwater samples were tested for a broad range of potential contaminants that were selected based on the history of the Property and adjacent properties and the results of previous environmental investigations. For this RI, we assembled all available soil and groundwater data, including data obtained by Hart Crowser in 2019 and 2020 as well as all data collected previously by others, from borings and wells located on the Property or the adjacent sidewalks.

Once assembled, we tabulated the soil and groundwater data and identified the constituents that were detected. Those constituents that were never detected were screened out from further consideration. Tables 7-2a through 7-2c and 7-3a through 7-3n present the results of all data considered for this RI and show the constituents detected in each sample.

7.1.1.1 Soil

The following constituents were detected in at least one soil sample:

Volatile Organic Compounds

- 1,1-Dichloroethene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- 2-Butanone (Methyl Ethyl Ketone)
- 2-Phenylbutane (sec-Butylbenzene)
- Acetone
- Benzene
- Carbon disulfide
- cis-1,2-Dichloroethene
- Cymene (p-Isopropyltoluene)
- Dibromochloromethane
- Ethylbenzene
- Hexane

[17] The justification for the depth distinguishing vadose zone and saturated zone soil is provided in Section 4.2.2.

- Isopropylbenzene (Cumene)
- Isopropyltoluene
- m,p-Xylenes
- Methyl Tert Butyl Ether
- Methylene chloride
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- tert-Butylbenzene
- Tetrachloroethene
- Toluene
- trans-1,2-Dichloroethene
- Trichloroethene
- Vinyl chloride
- Xylene (total)

Semi-Volatile Organic Compounds

- Acenaphthene
- Acenaphthylene
- Anthracene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenz(a,h)anthracene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

Total Petroleum Hydrocarbons

- Gasoline Range Organics
- Diesel Range Organics
- Heavy Oils

Inorganic Compounds

- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Lead
- Mercury
- Nickel
- Selenium
- Zinc

PCBs

- Aroclor-1242
- Aroclor-1254

7.1.1.2 Groundwater

The following constituents were detected in at least one groundwater sample:

Volatile Organic Compounds

- 1,1,1-Trichloroethane
- 1,1-Dichloroethene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trimethylbenzene
- 1,2,4-Trimethylbenzene
- 1,2-Dichloroethane
- 1,3,5-Trimethylbenzene
- 2,2-Dichloropropane
- 2-Butanone (Methyl Ethyl Ketone)
- 2-Phenylbutane (sec-Butylbenzene)
- Acetone
- Benzene
- Carbon disulfide
- Chloroethane
- Chloroform (Trichloromethane)
- Chloromethane (Methyl Chloride)
- cis-1,2-Dichloroethene
- Cymene (p-Isopropyltoluene)
- Diisopropyl ether (DIPE)
- Ethylbenzene
- Hexane

- Isopropylbenzene (Cumene)
- m,p-Xylenes
- Methylene chloride
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- tert-Butylbenzene
- Tetrachloroethene
- Toluene
- trans-1,2-Dichloroethene
- Trichloroethene
- Vinyl chloride
- Xylene (total)

Semi-Volatile Organic Compounds

- Acenaphthene
- Fluorene
- 1-Methylnaphthalene
- 2-Methylnaphthalene
- Naphthalene
- Phenanthrene

Total Petroleum Hydrocarbons

- Diesel Range Organics
- Gasoline Range Organics
- Heavy Oils

Inorganic Compounds

- Antimony, Dissolved
- Antimony, Total
- Arsenic, Dissolved
- Arsenic, Total
- Barium, Dissolved
- Barium, Total
- Beryllium, Total
- Cadmium, Total
- Chromium, Dissolved
- Chromium, Total
- Copper, Dissolved
- Copper, Total
- Lead, Total
- Mercury, Total
- Nickel, Dissolved
- Nickel, Total
- Selenium, Total
- Zinc, Dissolved
- Zinc, Total

7.1.2 Identification of Constituents of Potential Concern

Identification of COPCs involved comparing the maximum concentrations of the detected constituents to conservative (protective), risk-based screening levels. Those constituents whose maximum concentration in any sample exceeded their corresponding screening levels were identified as COPCs.

7.1.2.1 Development of Screening Levels

Screening levels for each medium and detected constituent reflect concentrations that are protective for the possible exposure pathways identified in the CSM (Section 6.4), including exposure via cross-media transport and natural background levels, where applicable (Table 7-1). For this Site, we used pre-calculated screening levels provided by Ecology via email on November 17, 2020. Screening levels used are shown in Tables 7-2a through 7-2c and 7-3a through 7-3n.

Previous investigations have shown that the chlorinated solvent plume from the American Linen site extends beneath the Seattle DOT Mercer Parcels property (PES Environmental 2019). The sampling conducted as part of this RI shows that the contamination from sources on the Property is not comingled

with the American Linen site. Therefore, they are considered separate sites. The screening levels for chlorinated solvents that are applicable to the American Linen site are identified below. These were provided by Ecology and are strictly for the American Linen site. They are protective of the direct contact with soil and leaching pathways, for protection of groundwater as a drinking water source, and for protection of surface water. Screening levels used in this RI for CVOCs that have migrated onto the Property are at least as conservative (protective) as the ones that were developed for the American Linen site for the pathways applicable to the Seattle DOT Mercer Parcels Site.

American Linen Screening Levels for CVOCs

Compound	Soil		Groundwater	
	Screening Level	Basis	Screening Level	Basis
PCE	0.025 mg/kg	Saturated soil, leaching – adjusted to practical quantitation limit (PQL)	2.4 µg/L	Protection of surface water
TCE	0.03 mg/kg	Saturated soil, leaching – adjusted to PQL	1 µg/L	Protection of surface water, adjusted to PQL
Cis-1,2-Dichloroethene	0.05 mg/kg	Saturated soil, leaching – adjusted to PQL	16 µg/L	Protection of drinking water
Trans-1,2-Dichloroethene	0.05 mg/kg	Saturated soil, leaching – adjusted to PQL	100 µg/L	Protection of drinking water
Vinyl Chloride	0.05 mg/kg	Saturated soil, leaching – adjusted to PQL	0.2 µg/L	Protection of surface water, adjusted to PQL

Soil. For soil, we identified screening levels protective of direct contact by a future permanent, full-time site resident. These levels are from the direct contact values from the screening levels provided by Ecology. With the exceptions noted, the direct contact values represent the lower of the non-cancer or cancer levels calculated using MTCA Equations 740-1 and 740-2, respectively, using MTCA default assumptions for residential exposure (WAC 173-340-740[3][b][iii][B]).

For PCBs, the direct contact screening level is based on the federal Toxic Substances Control Act (TSCA) cleanup action level for PCBs in soil, which Ecology considers to be adequately protective for this pathway. For GRO, the direct contact screening level is based on Ecology's model remedy guidance for sites with petroleum contaminated soil (Ecology 2017). For total chromium, the direct contact screening level is based on protection from trivalent chromium since there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium. In cases where the natural background for soil is higher than the direct contact level, the background level is used as the screening level in accordance with WAC 173-340-740(5)(c). For this Site, this situation applies to arsenic where the background level of 7.3 mg/kg is used as the screening level for this pathway.

In accordance with the CSM, we also identified screening levels that considered cross-media migration, specifically the potential for soluble constituents to leach from soil to underlying groundwater. Screening levels for this pathway are protective of a full-time residential user of groundwater as a drinking water source. The soil screening levels for this pathway are from the vadose zone and saturated zone soil leaching values for protection of drinking water provided by Ecology. With the exceptions noted, these

values are developed using the fixed parameter three-phase partitioning model in accordance with WAC 173-340-747(4). For total petroleum hydrocarbons, the leaching values for protection of groundwater are based on the MTCA Method A listed values. For total chromium, the leaching values for protection of groundwater are based on protection from trivalent chromium since there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium. In cases where the natural background for soil is higher than the leaching level, the background level is used as the screening level in accordance with WAC 173-340-740(5)(c). For this Site, this situation applies to arsenic and cadmium where the respective background levels of 7.3 and 0.77 mg/kg are used as the screening levels for this pathway. In cases where the PQL is higher than the leaching level, the PQL is used as the screening level in accordance with WAC 173-340-740(5)(c). For this Site, this situation applies to 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethene, 1,2-dibromoethane, cis-1,3-dichloropropene, methylene chloride, trans-1,3-dichloropropene, vinyl chloride, and selenium where the PQLs are used as the screening levels for this pathway.

Groundwater. For groundwater, we identified screening levels protective of the resource as a potential future drinking water source. These screening levels were obtained from the drinking water protection values provided by Ecology. With the exceptions noted, the derivation of the groundwater screening levels for protection of potable water involved identifying maximum contaminant levels (MCLs) and calculating levels per MTCA Equations 720-1 and 720-2 (WAC 173-340-720[4][b][iii][A] and -720[4][b][iii][B]) using the toxicity values in Ecology's online cleanup levels and risk calculation (CLARC) database (Ecology 2019). The values that were derived from MCLs have been adjusted as follows:

If the ratio of the minimum MCL to the Equation 720-1 value does not exceed 1, then the hazard quotient associated with the MCL does not exceed 1 and the MCL requires no adjustment. If the ratio exceeds 1, the MCL is adjusted to the Equation 720-1 value to achieve a hazard quotient of 1. If the ratio of the minimum MCL to the Equation 720-2 value does not exceed 10, then the cancer risk associated with the MCL does not exceed 1E-5 and the MCL requires no adjustment. If the ratio exceeds 10, the MCL is adjusted to 10 times the Equation 720-2 value to achieve a cancer risk of 1E-5. If an MCL is available but no oral toxicity values are available to evaluate it (e.g., lead), the MCL is used without adjustment. If no MCL is available but an oral toxicity value is available, the minimum of the values from Equations 720-1 and 720-2 is used. If a chemical has no toxicity values and no MCL, there is no screening level for potable water. For total petroleum hydrocarbons, the screening levels for protection of drinking water are based on the MTCA Method A listed values. In cases where the natural background for groundwater is higher than the drinking water protection level, the background level is used as the screening level in accordance with WAC 173-340-720(7)(c). For this Site, this situation applies to arsenic where the background level of 8 µg/L is used as the screening level for this pathway. This value is based on the draft Ecology publication, *Natural Background Groundwater Arsenic Concentrations in Washington State,* dated May 2018 (Ecology 2018a), which found natural background arsenic concentrations in groundwater in the Puget Sound lowlands to be 8 µg/L. Since Ecology 2018a is a draft document, additional groundwater data were evaluated to verify that 8 µg/L is an appropriate background level for arsenic in the South Lake Union area. Available groundwater data found in Ecology's environmental information management (EIM) database for three

non-impacted[18] wells located near the Property indicate that arsenic background in groundwater in the South Lake Union area is consistent with 8 µg/L, as further discussed in Appendix F. In cases where the PQL is higher than the drinking water protection level, the PQL is used as the screening level in accordance with WAC 173-340-720(7)(c). For this Site, this situation applies to cPAHs-TEQ, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, 1,2-dibromoethane, acrylonitrile, cis-1,3-dichloropropene, and trans-1,3-dichloropropene where the PQLs are used as the screening levels for this pathway.

In accordance with the CSM, we also identified screening levels that considered cross-media migration, specifically volatilization of volatile constituents in groundwater to indoor air where they may be inhaled by future building occupants. These screening levels are based on the groundwater values for protection of indoor air provided by Ecology, which were calculated per Ecology guidance (Ecology 2018b and 2018c). In cases where the natural background for groundwater is higher than the level protective of indoor air, the background level is used as the screening level.

7.1.2.2 COPCs in Soil

Tables 7-2a and 7-2b show the comparisons of the maximum detected concentration for each constituent to the lowest (most protective) screening level and identifies those constituents where there is an exceedance. These constituents are identified as COPCs. The following constituents were identified as COPCs in soil:

Volatile Organic Compounds

- cis-1,2-Dichloroethene
- Methylene chloride
- Tetrachloroethene
- Trichloroethene
- Vinyl chloride

Semi-Volatile Organic Compounds

- Benzo(a)pyrene
- cPAHs-TEQ

Total Petroleum Hydrocarbons

- Gasoline Range Organics

Inorganic Compounds

- Arsenic
- Lead
- Selenium

7.1.2.3 COPCs in Groundwater

Table 7-2c shows the comparisons of the maximum detected concentration for each constituent to the lowest (most protective) screening level and identifies those constituents where there is an exceedance. These constituents are identified as COPCs. The following constituents were identified as COPCs in groundwater:

[18] The wells that were evaluated are located well outside the zone of contamination and represent groundwater in the South Lake Union area that is not impacted by petroleum (i.e., no detectable GRO, DRO, and HO in any of the wells, whose breakdown tends to affect groundwater geochemistry that mobilizes arsenic). See Appendix F for more information about the well locations and data evaluation.

Volatile Organic Compounds

- Benzene
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- cis-1,2-Dichloroethene
- Methylene chloride
- Tetrachloroethene
- Trichloroethene
- Vinyl chloride

Semi-Volatile Organic Compounds

- 1-Methylnaphthalene

Total Petroleum Hydrocarbons

- Gasoline Range Organics
- Diesel Range Organics
- Heavy Oils

Inorganic Compounds

- Arsenic
- Barium
- Cadmium
- Chromium
- Lead
- Mercury

7.1.3 Identification of Constituents of Concern

For the purposes of this RI, Constituents of Concern (COCs) comprise the subset of COPCs that will be utilized for establishing cleanup requirements for the Site and evaluating cleanup alternatives in the Feasibility Study. Those COPCs that contribute little or nothing to the overall risk to human health and the environment are screened out from consideration and the remaining constituents are identified as proposed COCs for purposes of defining site cleanup requirements.

Factors that we considered when identifying proposed COCs included a constituent's toxicity, mobility in the environment, natural background concentration, and prevalence at the Site (e.g., frequency of detection). For this Site, we also considered the source of the constituent and whether it was considered part of a separate site. COPCs that were not screened out as part of this evaluation were retained as proposed COCs.

Tables 7-4a and 7-4b present the evaluations that resulted in the identification of proposed COCs in soil and groundwater, respectively. These evaluations are summarized below.

7.1.3.1 COCs in Soil

Of the COPCs identified in Section 7.1.2.2, the following constituents are not retained as proposed COCs for soil:

- Chlorinated solvents (PCE, TCE, cis-DCE, and VC)
- Methylene chloride
- Selenium

The following paragraphs discuss those COPCs that were not identified as proposed COCs and explain the rationale for each.

Chlorinated solvents. The solvent PCE and its environmental breakdown products, TCE, cis-DCE, and VC, were not retained as proposed COCs for soil for this Site. These constituents are part of the adjacent

American Linen site CVOC groundwater plume and are addressed separately under a separate Agreed Order.

The soil and groundwater sampling and analyses conducted across the Property demonstrates that there is no contribution of CVOCs from on-Property sources to the existing CVOC plume beneath the Property. The current distribution of CVOCs on the Property at elevations of approximately 23 to -12 feet in soil (Figure 7-2) and 37 to -58 feet in groundwater (Figures 7-3a and 7-3b[19]) is attributed to historical releases and migration of dry-cleaning solvents from the American Linen site and is shown in cross-section view on Figures 7-4a through 7-4f. This conclusion is based on the following lines of evidence:

- There are no known historical on-Property sources of PCE. PCE is the hallmark of releases from dry-cleaner sites and is the contaminant detected most frequently and with the highest CVOC concentration in groundwater on the Property. While chlorinated solvents may have been used for parts cleaning, metal degreasing, or paint stripping in the historical auto repair facilities and sign painting operations on the Property, the primary chlorinated solvent in these activities would have likely been TCE and methylene chloride with only minor, if any, PCE used.

- On-Property vadose-zone soil samples did not contain any detections of PCE or associated daughter products (including in vadose zone soil samples collected in native material lying below fill and above the water table). This provides additional evidence to conclude that there are no on-Property sources of CVOCs that contributed to the American Linen groundwater plume since on-Property sources to groundwater would be expected to have left residual CVOCs in shallow soil as they migrated downward to the water table.

- The nature and extent of CVOCs in groundwater on the Property (Figures 7-3a and 7-3b) is consistent with the distribution of the CVOC groundwater plume from the American Linen site. The American Linen plume has been investigated and documented by SES (2013; see Figures 18, 19, and 23) and PES (2019; see Figures 34 through 37). For example, based on existing data, a plume of PCE and TCE in intermediate-depth saturated soil (which reflects groundwater impacts) exceeding the American Linen screening levels of 0.025 mg/kg and 0.030 mg/kg, respectively, and extending southward from the known CVOC source area located to the north, were shown to extend southward well into the Property up to and beyond MW-114. A plume of VC exceeding the American Linen screening level of 0.2 µg/L in the intermediate groundwater bearing zone was also identified extending southward from the known source area extending across most of the northern one-quarter of the Property (PES 2019, Figures 22 and 35). The recently collected samples from soil borings at the Property and groundwater data presented in this RI, as well as data collected for the ongoing remedial investigation for the American Linen site, confirm these earlier studies and demonstrates that the estimated plume location extends somewhat farther to the south and east than previously shown.

[19] In order to provide context, the maps show CVOC concentrations separately in wells that are screened above and below the planned elevation of the bottom of the future building excavation, approximately 8 feet elevation.

- While the overall groundwater flow direction in the vicinity of the American Linen site and the Property is generally eastward, there are potential mechanisms that can account for the observed distribution southward and eastward.

    - DNAPL migration. Migration of DNAPL in the subsurface is driven by gravity and the geometry of more and less permeable strata. DNAPLs are known to migrate across and even against the general groundwater gradient where they may come to rest forming secondary sources of dissolved groundwater contamination. This mechanism could account for the historically elevated CVOC concentrations beneath Roy Street and the north margin of the Property and would tend to expand the dissolved CVOC plume well beyond the original source area. Evidence of this mechanism, such as the presence of DNAPL, has not been observed on the Property; however, it is being investigated as part of the ongoing American Linen RI (PES 2019).

    - Dewatering of construction sites in the vicinity. Construction dewatering systems have operated at nearby sites cross-gradient and downgradient of the American Linen site over the past 20 years. Dewatering systems have included the Block 38 West site (500 to 536 Westlake Avenue North) in 2020, Block 37 site (600/630 Westlake Avenue North) in 2017, 615 Westlake site in 2013 and 2014, Block 44 (535 Westlake Avenue North) in 2012 and 2013, and the 850 Republican site in 2008 to the south. These systems and other nearby construction sites could have enhanced migration of or redirected CVOCs from the American Linen site to the east and/or to the south. PES Environmental identified that data collected from dataloggers in wells R-MW3, MW-102, MW-105, MW-113, MW-116, MW-119, MW-122, FMW-129, and MW-130 for the American Linen site shows a change in groundwater flow immediately after the start of dewatering on the property located at Block 37 (600/630 Westlake Avenue North) (PES Environmental 2019).

    - Injections of amendments on the American Linen site. Multiple and ongoing phases of groundwater injections for in situ remediation at the adjacent American Linen site would likely have affected groundwater flow at the Seattle DOT Mercer Parcels Site. At least some of these injections induced extensive groundwater mounding, which would have caused southward, southeastward, and southwest groundwater flow. The injections we are aware of are summarized below and documented in SES (2016), including Appendix A to that document; PES Environmental (2018); PES Environmental (2019); and Progress Reports No. 1 through No. 40 (covering the period October 2017 through February 2021) for the American Linen site posted on Ecology's website for the American Linen site (https://apps.ecology.wa.gov/gsp/CleanupSiteDocuments.aspx?csid=12004).

        - Between November 3 and 4, 2015, over 11,000 gallons of emulsified vegetable oil (EVO) were injected into the intermediate aquifer via well IW-1, located near the east-central margin of the 700 Dexter property. SESE (2016) estimated that the injection induced at least a 1-foot head rise in the intermediate zone out to a radius of 130 feet from the injection well (see Appendix A, Figure 2 of SES 2016), and more than a foot of groundwater mounding in the shallow zone in a well located over 70 feet away from the

injection point. The injection forced groundwater discharge from an intermediate well located 25 feet from the injection well where the head rose to the equivalent of 74 feet above ground surface (32 pounds per square inch of shut-in pressure). The injection was documented to have induced reducing conditions, including up to a tenfold increase in total organic carbon concentration, within the aquifer in wells located some distance from the injection point.

- Between January 12 and 15, 2015, a total of almost 100,000 gallons of a dextrose solution was injected into six shallow and intermediate wells (IW-02 through IW-07), four of which were located along the north side of Roy Street, immediately across the street from the Seattle DOT Mercer Parcels Property. These injections induced groundwater mounding in the intermediate zone of almost 17 feet in a well 35 feet from the injection points; mounding equivalent to over 50 feet above ground surface (22 pounds per square inch shut-in pressure) in a well 70 feet away; and caused groundwater to come to the surface in wells located up to 185 feet away from the injection points. The injections also induced up to 11 feet of mounding in the shallow zone.

- If wells IW-02 through IW-07 had radii of influence similar to that documented for IW-01, these injections, performed in some of the most contaminated groundwater areas on the American Linen property, would have caused groundwater mounding whose effects would have reached far into the Seattle DOT Mercer Parcels Site.

- More recent injections, for which few details are available, include the following: Between September 2018 and January 2019, multiple rounds of chemical oxidation reagent were injected into 157 wells on the American Linen property. Subsequent injections of EVO occurred between February 12 and March 3, 2019, September 23 and 30, 2020, October 7 and 18, 2020, and February 16 and March 2021. Data were not available for review as of the date of this report regarding the nature (volume, pressure, location, etc.) of the injections and any observations in nearby wells regarding mounding and changes in geochemistry to evaluate any effects of these injections on the Seattle DOT Mercer Parcels Site.

Methylene chloride. Methylene chloride was identified as a COPC because its maximum concentration exceeded the soil screening level protective of groundwater as a drinking water source; however, it is not retained as a proposed COC in soil because it is a common laboratory contaminant in soil and likely a false positive. In addition, methylene chloride in the concentrations reported would not pose significant risk at the Site. It was seldom detected in groundwater (where it is also a common lab contaminant) at levels exceeding drinking water criteria, indicating that the soil-to-groundwater pathway is non- or only partially complete for this constituent. The next most restrictive soil screening level for methylene chloride is for the direct contact pathway, and the maximum detected concentration does not exceed that level.

Selenium. This constituent is not retained as a proposed COC because it does not pose an unacceptable risk at the site. Selenium was identified as a COPC because its maximum concentration exceeded the soil screening level protective of groundwater as a drinking water source. However, selenium was not detected in groundwater at levels exceeding drinking water criteria, indicating that the soil-to-groundwater pathway is not complete for this constituent. The next most restrictive soil screening level for selenium is for the direct contact pathway, and the maximum detected concentration does not exceed this level. In addition, there are no known historical sources or releases of selenium on the Property. The greatest proportion of selenium released to the environment is coal fly ash. Other anthropogenic emission sources of selenium include coal and oil combustion facilities, selenium refining factories, base metal smelting and refining factories, mining and milling operations, and end-product manufacturers (e.g., some semiconductor manufacturers) (ATSDR 2003). None of these activities are known or suspected of having taken place on the Property.

Based on the evaluations presented above, the proposed COCs for soil are:

- GRO
- Total cPAHs TEQ (including benzo(a)pyrene)
- Arsenic
- Lead

The lateral and vertical distribution of these COCs in soil are discussed below in Section 7.2 and illustrated on Figures 7-5a through 7-5d.

7.1.3.2 COCs in Groundwater

Of the COPCs identified in Section 7.1.2.3, the following constituents are not retained as proposed COCs for groundwater:

- Chlorinated solvents (PCE, TCE, cis-DCE, 1,1-dichloroethene, and VC)
- 1,2-Dichloroethane
- HO
- Methylene chloride
- 1-Methylnaphthalene
- Metals (arsenic, barium, cadmium, chromium, lead, and mercury)

The following paragraphs discuss those COPCs that were not identified as proposed COCs and explain the rationale for each.

Chlorinated solvents. The solvent PCE and its environmental breakdown products, TCE, cis-DCE, 1,1-dichloroethene, and VC, were not retained as proposed COCs for this Site. These constituents are part of the adjacent American Linen site CVOC plume and are being addressed separately under an Agreed Order with Ecology. This is discussed above in Section 7.1.3.1.

1,2-Dichloroethane. This constituent is not retained as a proposed COC because it does not pose a significant risk. This is based on the findings that it had a very low frequency of detection (detected in only one groundwater sample); a low exceedance factor (<1.7x the most stringent screening level); and the observation that it was never detected in soil at the Site.

Heavy oil. This constituent is not retained as a proposed COC because:

- It had a low frequency of detection (detected in only 5 out of 84 groundwater samples analyzed).
- It had a very low frequency of exceedance (exceeded in only one groundwater sample from boring 21417-MB10).
- It had a low exceedance factor (<1.9x the most stringent screening level).
- The detections appear to be biased high because all five detections were from turbid, unfiltered grab groundwater samples collected from soil borings. These do not reflect true "drinking water" conditions because grab samples often have elevated total suspended solids (TSS), indicating that elevated heavy oil concentrations in groundwater are likely associated with oil from the entrained sediment particles rather than the water itself. Four of the heavy oil detections were from samples collected from by Shannon & Wilson in 2017. No information on turbidity, TSS, or field observations of the groundwater samples was available; however, the grab groundwater samples were only purged for one minute prior to groundwater sampling, which is typically not enough time to reduce turbidity. The one heavy oil detection from a sample collected by Hart Crowser had a turbidity greater than 100 nephelometric turbidity units (NTUs). Another line of evidence that the grab groundwater samples are biased high is that the exceedance was not confirmed in a nearby monitoring well sample, which had a low turbidity of less than 5 NTUs.
- Heavy oil was not detected at or above laboratory reporting limits in a shallow-zone monitoring well sample (HMW-21S) collected approximately 15 feet from the exceedance (21417-MB10).
- Although heavy oil was not analyzed in soil samples collected from the boring with the exceedance, heavy oil was not detected at or above laboratory reporting limits in soil samples from nearby borings HMW-1IB, MBB-14, MBB-15, and MBGW-14. This indicates that the groundwater exceedance is not associated with a release from the Property, as an on-Property source to groundwater would be expected to have left residual heavy oil in shallow soil as it migrated downward to the water table.
- Based on this data and rationale, the one groundwater sample exceedance does not pose a significant risk and thus was not retained as a proposed COC.

Methylene chloride. This constituent is not retained as a proposed COC because it is a common laboratory contaminant and, even if present, would not pose a significant risk. This is based on the findings that it had a very low frequency of detection (detected in only one groundwater sample). The exceedance appears to be an anomaly as it was collected from a grab groundwater sample, and methylene chloride was not detected at or above laboratory reporting limits in two other grab groundwater samples from the same

boring and eight groundwater samples from the monitoring well that was subsequently installed in that boring. Additionally, methylene chloride was not detected at or above laboratory reporting limits in any of the soil samples collected from that boring (from 10 to 140 feet bgs or 42.9 to -87.1 feet elevation).

1-Methylnaphthalene. This COPC is a component of petroleum fuels and its presence at the Site is likely related to the known petroleum impacts in groundwater. MTCA cleanup levels for TPH include 1-methylnaphthalene as part of the mixture. Therefore, 1-methylnaphthalene is not retained as a proposed COC since any cleanup actions to address TPH impacts will also address 1-methylnaphthalene.

Metals. Barium, cadmium, chromium, lead, and mercury are not retained as proposed COCs in groundwater because the observed exceedances of screening criteria for these metals were all from turbid, unfiltered grab groundwater samples collected from soil borings during the 2019 field season. The total metals analytical results for these samples do not reflect true "drinking water" conditions because the samples contained high concentrations of TSS, and the elevated concentrations were associated with metals from the entrained sediment particles that were mobilized during sample digestion. This conclusion is supported by the observation that paired filtered samples from these borings for dissolved metals analyses had significantly lower concentrations of metals, which were below screening criteria. Similarly, where paired data exist, there is a clear, positive relationship between TSS and total metals concentrations, but no such relationship between TSS and dissolved concentrations (Figures 7-6a through 7-6f). This corroborates the conclusion that these total metals exceedances are due to the presence of suspended solids. This is further supported by the observed reduction in concentrations of these metals between the unfiltered total metals samples and filtered dissolved metals samples collected from the monitoring wells. While this relationship was also observed in most of the grab groundwater samples for arsenic, it was generally not observed in the well samples for arsenic. However, arsenic is not retained as a proposed COC for groundwater as discussed below.

Arsenic. Arsenic is not retained as a COC in groundwater because the observed concentrations in the monitoring well samples are consistent with naturally occurring background concentrations in the Puget Sound lowlands and do not appear to be associated with anthropogenic sources (i.e., releases of arsenic, releases of petroleum, or other human activities that can affect geochemistry and increase arsenic concentrations in groundwater).

- Total arsenic in the 37 wells at the Site range from non-detect (< 1 µg/L) to 14 µg/L. Similarly, dissolved arsenic concentrations, which were analyzed in 13 of the wells, range from 1.32 µg/L to 12.3 µg/L. These values fall entirely within the range of natural background levels in the Puget Sound lowlands of 0.8 to 76 µg/L and are statistically similar to the data set that was used to determine a natural background level of 8 µg/L (Ecology 2018a).

- The arsenic concentrations for the Site wells also fall within the range of concentrations observed in the representative background wells at the IRIS Site discussed in Section 7.1.2.1 and evaluated in Appendix F. Four quarters of monitoring data for the "background" wells indicate total arsenic concentrations ranging from 4.9 µg/L to 14 µg/L and dissolved concentrations ranging from non-detect (< 1.8 µg/L) to 9.3 µg/L. Statistically, both data sets are similar, with a difference in mean concentration approximately

0.6 µg/L higher for Seattle DOT Mercer Parcels Site wells (i.e., 4.61 µg/L versus 4.02 µg/L) and a difference in the upper one-sided 95 percent confidence limit (95UCL) approximately 0.1 µg/L higher for the Seattle DOT Mercer Parcels Site wells (5.6 µg/L versus 5.5 µg/L). Summary statistics for the Seattle DOT Mercer and IRIS wells are provided here:

Site	Arsenic in Groundwater (µg/L) (Distribution & statistics calculated using MTCA*Stat* 3.0. Output files are presented in Appendix F)				
	Distribution	50th Percentile	4 X 50th Percentile	80th Percentile	90th Percentile
Seattle DOT Mercer Parcels	Normal	4.61	18.43	7.46	8.95
IRIS "Background"	Normal	4.02	16.08	6.58	7.92

- Arsenic in groundwater at the Site is not attributable to on-site anthropogenic sources, based on the following observations:
  - The areal distribution of arsenic does not form an identifiable plume: the highest concentrations are scattered at the edges of the Property rather than forming clusters that would be indicative of a source area.
  - The distribution of elevated arsenic in groundwater does not strongly correlate to the areas of elevated arsenic in fill material on the Property.
  - Elevated arsenic in groundwater can be associated with biodegradation of petroleum, which can mobilize naturally occurring arsenic in soil. However, the distribution of elevated arsenic in groundwater does not spatially correlate to the TPH plume area, and there appears to be no relationship between TPH concentration and arsenic concentration as would be expected if arsenic distribution were associated with the presence of TPH.

Based on the evaluations presented in Section 7.1.3, the proposed COCs for groundwater are:

- GRO
- DRO
- Benzene

The lateral and vertical distribution of these COCs in groundwater are discussed below in Section 7.3 and shown on Figure 7-7.

7.2 Distribution of COCs in Soil

This section presents the distribution of the proposed COCs identified in Section 7.1—petroleum-related compounds (GRO), SVOCs (total cPAHs including benzo(a)pyrene), and metals (arsenic and lead)—in soil at

the Site. This information is shown in plan view on Figures 7-5a through 7-5d and in cross-section view on Figures 7-8a through 7-8f (petroleum-related COCs), 7-9a through 7-9f (total cPAHs), and 7-10a through 7-10f (arsenic and lead). Concentrations of proposed COCs in soil are presented in Tables 7-3a and 7-3f (GRO), 7-3b and 7-3g (cPAHs-TEQ), and 7-3e and 7-3j (arsenic and lead).

7.2.1 Petroleum-Related Compounds

Petroleum-related impacts in soil that exceed screening levels are limited to an area of gasoline-related contamination (GRO) in the northwest corner of the Property (Figure 7-5a). The observed impacts of gasoline-related contamination (GRO) in the northwest corner of the Property are attributed to historical releases from the former gas and auto repair station that existed in this area (Figure 3-1).

GRO concentrations exceed the screening level from 5 to 25 feet bgs (approximately 48.7 to 29.8 feet elevation). The exceedances range from 45 to 1,200 mg/kg, compared to the screening level of 30 mg/kg. The vertical extent is bound by the samples in borings HMW-18S (at 15 feet bgs or 42.61 feet elevation), MBB-4 (at 25 feet bgs or 29.61 feet elevation), MBB-16 (at 15 feet bgs or 38.7 feet elevation), MBB-1 (at 25 feet bgs or 30.02 feet elevation), and MBGW-13 (at 15 feet bgs or 39.72 feet elevation). The northern extent is bound by the samples in borings HMW-17S (at 10 feet bgs or 47.21 feet elevation), 21417-MB1 (at 9 feet bgs or 46.43 feet elevation), and MBGW-12 (at 5 feet bgs or 49 feet elevation and 25 feet bgs or 29 feet elevation). The eastern extent is bound by the samples in borings MBGW-6 (at 10 feet bgs or 42.5 feet elevation and 30 feet bgs or 22.5 feet elevation). The southern extent is bound by the samples in borings HMW-19S (at 10 feet bgs or 48.2 feet elevation) and MBB-24 (at 5 feet bgs or 49.1 feet elevation, 10 feet bgs or 44.1 feet elevation, 15 feet bgs or 39.1 feet elevation, 20 feet bgs or 34.1 feet elevation, and 25 feet bgs or 29.1 feet elevation). The western extent is bound by the samples in borings GP-9 (at 7 to 14 feet bgs or 51 to 44 feet elevation and 14 to 19 feet bgs or 44 to 39 feet elevation) and BB-10 (at 15 to 17 feet bgs or 42.4 to 40.4 feet elevation).

7.2.2 SVOCs

SVOC impacts in soil that exceed screening levels are limited to two areas of cPAH (including benzo(a)pyrene) impacts, both within the fill material: 1) in and near the southwest corner, and 2) the east-central area of the Property (Figure 7-5b).

In 3 of the 9 exploration locations in and near the southwest corner of the Property, cPAHs--TEQ concentrations slightly exceed the screening level from 7.5 to 25 feet bgs (approximately 51.2 to 33.6 feet elevation). The exceedances range from 0.32 to 0.44 mg/kg, compared to the screening level of 0.19 mg/kg.

In the east-central area of the Property, cPAHs--TEQ concentrations exceed the screening level from 5 to 10 feet bgs (approximately 37.2 to 37 feet elevation). The exceedances range from 0.42 to 2.4 mg/kg, compared to the screening level of 0.19 mg/kg.

Both areas of cPAH impacts with concentrations exceeding the screening level generally lie within the limits of the Broad Street 1958-2012 alignment. The locations of the exceedances and absence of screening level exceedances for associated aliphatic or aromatic petroleum compounds suggests that the

observed contamination is not from a petroleum-related release, but likely from fill material brought in to infill the Broad Street 1958-2012 alignment. In addition, all exceedances occur at depths within fill material (Figure 3-1). Since the cPAH exceedances appear associated with contaminated fill material rather than a release on the Property, identifying the boundary of these sporadic hot spots is challenging as cPAHs are expected to be present throughout the Property intermittently with no discernable pattern.

7.2.3 Metals

7.2.3.1 Arsenic

Arsenic was detected above the screening level in the Broad Street 1958-2012 alignment, which crosses the Property from the northeast to the southwest corner (Figure 7-5c).

In the Broad Street 1958-2012 alignment, arsenic concentrations exceed the screening level from 5 to 25 feet bgs (approximately 53.7 to 33.6 feet elevation). The exceedances range from 7.75 to 25.6 mg/kg, compared to the screening level of 7.3 mg/kg.

Most of the exceedances were in the southwest corner, where the Broad Street 1958-2012 alignment was the deepest. The location of the arsenic exceedances along the Broad Street 1958-2012 alignment at depths within fill material indicates the source of arsenic is contaminated fill. Additionally, there are no known historical sources of arsenic contamination at the Property, such as smelting or mineral processing, power generation, agricultural pesticide application, or wood treating. Since the arsenic exceedances appear associated with contaminated fill rather than a release on the Property, identifying the boundary of these sporadic hot spots is challenging as arsenic is expected to be present throughout the Broad Street 1958-2012 alignment intermittently with no discernable pattern.

There is also one isolated occurrence of arsenic in 21417-MB10 outside the Broad Street 1958-2012 alignment within the native material (28 feet bgs or 10.08 feet elevation). As noted previously, there are no known historical sources of arsenic contamination at the Property and no other exceedances were reported in any other soil samples in the vicinity. Additionally, the arsenic concentration within 21417-MB10 (7.75 mg/kg) was slightly above the natural background screening level of 7.3 mg/kg. Occasional exceedances of the natural background screening level in uncontaminated soil are expected in a large data set such as the one for the Site because the natural background concentration is based on the 90th percentile of background samples. Therefore, on average 1 in 10 background samples in uncontaminated areas would exceed the natural background screening level (Ecology 1994).

The results establish that none of the arsenic exceedances are attributable to releases of hazardous substances on the Property.

7.2.3.2 Lead

Lead was detected above the screening level of 250 mg/kg in only 2 of 243 samples: MBB-5 (591 mg/kg) in the central portion of the Property at a depth of 10 feet (elevation of 40.53 feet) and in 21417-MB9 (279 mg/kg) in the northeast corner of the Property at a depth of 22 feet (elevation of 17.05 feet) (Figure 7-5d). The isolated occurrence of lead in MBB-5 within fill material in an area without a known source of lead (e.g., leaded gasoline), as well as the fact that no other exceedances were reported in any other soil

samples in the vicinity, indicates that this sample presents an anomalous lead-bearing hot spot within the fill material. The detection of lead at 21417-MB9 was in native material at a concentration slightly above the screening level of 250 mg/kg. Neither sample was associated with high concentrations of GRO that might have indicated a leaded-gasoline source. These isolated results do not support the existence of lead contamination in soils throughout the Property, and do not suggest any on-Property sources or releases of lead.

In the central portion of the Property, the vertical extent is bound by the sample in boring MBB-5 (at 15 feet bgs or 35.53 feet elevation). The northern extent is bound by the sample in boring MBPP-7 (at 5 feet bgs or 44.77 feet elevation). The eastern extent is bound by the sample in boring MBB-6 (at 10 feet bgs or 40.33 feet elevation). The southern extent is bound by the sample in boring MBB-18 (at 10 feet bgs or 41.33 feet elevation). The western extent is bound by the samples in boring MBGW-6 (at 10 feet bgs or 42.5 feet elevation) and HMW-20S (at 10 feet bgs or 43.81 feet elevation and 15 feet bgs or 38.81 feet elevation).

In the northeast corner of the Property, the vertical extent is bound by the sample in boring MBB-13 (at 25 feet bgs or 10.98 feet elevation). The northern extent is bound by the sample in boring MBB-12 (at 15 feet bgs or 18.69 feet elevation). The eastern extent is bound by the sample in boring MBB-13 (at 20 feet bgs or 15.98 feet elevation). The southern extent is bound by the sample in boring 21417-MB10 (at 28 feet bgs or 10.08 feet elevation). The western extent is bound by the sample in boring MBB-11 (at 25 feet bgs or 21.42 feet elevation).

7.3 Distribution of COCs in Groundwater

This section presents the distribution of the proposed COCs identified in Section 7.1—petroleum-related compounds (GRO, DRO, and benzene)—in groundwater at the Site. This information is shown in plan view on Figure 7-7 and in cross-section view on Figures 7-8a through 7-8f. Concentrations of proposed COCs in groundwater are presented in Tables 7-3k (GRO and DRO) and 7-3m (benzene).

7.3.1 Petroleum-Related Compounds

Petroleum-related impacts in groundwater that exceed screening levels are limited to GRO, DRO, and benzene in the northwest corner of the Property (Figure 7-7).

In the northwest corner of the Property, DRO and GRO concentrations exceed the screening level in the Shallow zone from a temporary well (MBB-24). Benzene concentrations exceed the screening level in the Shallow zone from three temporary wells (MBB-2, MBB-3, and MBB-24). These temporary wells are located within the area of gasoline-related impacts in soil described above in Section 7.2. These exceedances are attributed to releases from the former gas and auto repair station that once occupied this area of the Property (Figure 3-1). The DRO exceedance was 650 µg/L, compared to the screening level of 500 µg/L. The GRO exceedance was 1,600 µg/L, compared to the screening level of 800 µg/L. The benzene exceedances range from 2.8 to 34 µg/L, compared to the screening level of 2.4 µg/L.

The GRO, DRO, and benzene exceedances in the northwest corner of the Property are bounded by groundwater samples within the Property boundary that do not exceed screening levels. The northern

extent is bound by grab samples from borings MBB-1, MBB-4, and MBB-16. The eastern extent is bound by a sample from monitoring well HMW-20S and a grab sample from boring MBGW-6. The southern extent is bound by a sample from monitoring well HMW-9S and a grab sample from boring MBGW-11. The western extent is bound by samples from monitoring wells HMW-18S and HMW-19S. The vertical extent is bound by a sample from monitoring well HMW-3IA; the petroleum-related impacts are confined to the Shallow zone and no impacts were identified in the Intermediate or Deep zones. This data establishes that the observed on-Property petroleum-related impacts in groundwater are largely limited in extent to within the Property boundaries and are not migrating off of the Property (Figure 7-7).

7.4 Summary

The samples collected from the Site are considered to be sufficient to characterize the nature and extent of contaminants to select a cleanup action. The possible historical sources, transport and exposure pathways, and current and future receptors were identified to develop the CSM, select screening levels, and propose COCs.

Part of the northwest area of the Property has petroleum-related contaminant soil and groundwater impacts, likely related to operations of the former gas/service station. The distribution of cPAHs and arsenic in soil supports that the source is likely the fill for the Broad Street 1958-2012 alignment, and not a former on-Property operation. No other COCs due to releases on or from the Property were detected.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Over 300 soil and 150 groundwater samples were evaluated for inclusion in this RI report. The multiple lines of evidence presented in the preceding sections support that there are two distinct areas of contamination at this Property (Figure 7-11); these are considered separate sites:

1. Petroleum-related contamination, likely associated with former activities within the Property which contributed to localized areas of soil and groundwater impacts; and PAHs and arsenic contamination likely associated with fill.

2. Chlorinated solvent contamination in groundwater and saturated soil, as well as chlorinated solvent impacts in saturated soil, associated with the groundwater plume originating at the adjacent American Linen site.

The Property is planned to be redeveloped, which will include excavation of most of the unsaturated and some of the saturated soil within the Property boundary. The data, multiple lines of evidence, and conclusions presented in this report are sufficient to complete a Feasibility Study (FS) and select a cleanup action. Due to the CVOC contamination in groundwater beneath the Property, vapor intrusion mitigation measures to protect future building occupants at the Property will also be considered in the FS.

9.0 REFERENCES

ATSDR 2000. Toxicological Profile for Methylene Chloride. Agency for Toxic Substances and Disease Registry, September 2000.

ATSDR. 2003. Agency for Toxic Substances and Disease Registry (ATSDR). 2003. Toxicological profile for Selenium. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Black & Veatch 1998. Denny Way/Lake Union CSO Project, Phase II Environmental Site Assessment. Prepared for King County Department of Natural Resources, September 1998.

Bouwer H. 1989. The Bouwer and Rice Slug Test—An Update. Ground Water 27(3): 304-309.

Bouwer H. and R.C. Rice 1976. A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers with Completely or Partially Penetrating Wells. Water Resources Research 12(3): 423-428.

Chrzastowski M. 1983. Historical Changes to Lake Washington and Route of the Lake Washington Ship Canal, King County, Washington. U.S. Geological Survey Open-File Report 81-1182.

Cooper, H.H., J.D. Bredehoeft, and I.S. Papadopulos 1967. Response of a Finite-Diameter Well to an Instantaneous Charge of Water. Water Resources Research 3(1): 263-269.Cozzarelli, I. M., Schreiber, M. E., Erickson, M. L. and Ziegler, B. A. 2015. Arsenic Cycling in Hydrocarbon Plumes: Secondary Effects of Natural Attenuation. Groundwater. doi: 10.1111/gwat.12316.

Dalton, Olmsted & Fuglevand, Inc. (DOF) 2009. Results of January 2009 Sampling, American Linen Site, Seattle, WA. Memorandum prepared for Dave Maryatt, March 6, 2009.

Ecology 1994. Natural Background Soil Metals Concentrations in Washington State. Publication No. 94-115. Washington State Department of Ecology, Olympia, WA.

Ecology 2017. Model Remedies for Sites with Petroleum Contaminated Soils. Publication No. 15-09-043. Washington State Department of Ecology, Olympia, WA.

Ecology 2018a. Natural Background Groundwater Arsenic Concentrations in Washington State. Publication No. 14-09-044. Washington State Department of Ecology. Review Draft, May 2018.

Ecology 2018b. Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Publication No. 09-09-047. Washington State Department of Ecology, Lacey, WA. Review Draft, October 2009; revised February 2016 and April 2018.

Ecology 2018c. Petroleum Vapor Intrusion (PVI): Updated Screening Levels, Cleanup Levels, and Assessing PVI Threats to Future Buildings. Implementation Memorandum No. 18. Washington State Department of Ecology. January 10, 2018.

Ecology 2019. Cleanup levels and risk calculation (CLARC): Olympia, Wash., Washington State Department of Ecology, May 2019 revision, available: http://fortress.wa.gov/ecy/clarc/CLARCHome.aspx, accessed April 2019.

Ecology 2020. Preliminary Determination of Liability for Release of Hazardous Substances at the following Contaminated Site: Site Name: Block 79 East. Washington State Department of Ecology. April 22, 2020.

Environmental Simulations, Inc. 2003. Guide to Using Aquifer^{Win32} Version 3.

EPA 1999. Monitored natural attenuation of chlorinated solvents. U.S. EPA remedial technology fact sheet. National Risk Management Research Laboratory. EPA/600/F-98/022. May 1999.

EPA 2015. PCBs in Building Materials—Questions & Answers. July 28, 2015. Accessed September 21, 2020. https://www.epa.gov/pcbs/questions-and-answers-about-polychlorinated-biphenyls-pcbs-building-materials.

Farallon 2018. Groundwater Cleanup Report (Revised), South Lake Union Block 43 Site, 601 Westlake Avenue North, Seattle, Washington. Prepared for Washington Builders LLC, November 2, 2018.

Freeze, R.A. and J.A. Cherry 1979. Groundwater. Prentice-Hall, Englewood Cliffs, New Jersey.

Hart Crowser 2019. Draft Phase I Environmental Site Assessment, Broad Block, 800 Mercer Street, Seattle, Washington. Prepared for Alexandria Real Estate Equities, Inc., May 13, 2019.

Hart Crowser 2020. Revised Draft Data Gaps Investigation Work Plan, Seattle DOT Mercer Parcels (Broad Block Site), 800 Mercer Street, Seattle, Washington. Prepared for 800 Mercer, LLC, January 23, 2020.

Hart Crowser 2021. Draft 3 Remedial Investigation, Seattle DOT Dexter Parcel, 615 Dexter Avenue North, Seattle, Washington. Prepared for SLP 615 Dexter, LLC, February 5, 2021.

HWA 1998. Revised Draft Geotechnical Report, Denny Way—Lake Union CSO, Contract B, Seattle, Washington. HWA Geosciences, Inc., September 23, 1998.

IARC 2014. Trichloroethylene, Tetrachloroethylene and Some Other Chlorinated Agents. International Agency for Research on Cancer Monograph, Volume 106, 2014.

Kueper, B.H., G.P. Wealthall, J.W.N. Smith, S.A. Leharne, and D.N. Lerner. 2003. An illustrated handbook of DNAPL transport and fate in the subsurface. R&D Publication 133. Environment Agency. Almondsbury, Bristol, UK.

PES Environmental 2018. Final Interim Action Work Plan, American Linen Co Dexter Ave Site., 700 Dexter Ave, Seattle, Washington. August 2018.

PES Environmental 2019. Final Remedial Investigation/Feasibility Study Work Plan, American Linen Supply Co-Dexter Avenue Site, 700 Dexter Avenue North, Seattle, Washington. Prepared for BMR-Dexter LLC, December 4, 2019.

PES Environmental 2020. Final Remedial Investigation/Feasibility Study Work Plan Addendum, American Linen Supply Co-Dexter Avenue Site, 700 Dexter Avenue North, Seattle, Washington. Prepared for BMR-Dexter LLC, June 11, 2020.

Ramboll 2018. Phase I Environmental Site Assessment and Limited Subsurface Investigation, 701 Dexter Avenue North, Seattle, Washington. Prepared for ARE-Seattle No. 30, LLC, June 2018.

Shannon & Wilson 1971. Comprehensive Foundation Investigation, Proposed Bay Freeway, Seattle, Washington. Prepared for City of Seattle, September 1, 1971.

Shannon & Wilson 2012. Limited Environmental Explorations Report, Mercer Corridor Project West Phase, Seattle, Washington. Prepared for KPFF Consulting Engineers, August 22, 2012.

Shannon & Wilson 2018a. Phase I Environmental Site Assessment, Mercer Corridor Project West, Broad MegaBlock Site, Seattle, Washington. Prepared for KPFF Consulting Engineers, January 5, 2018.

Shannon & Wilson 2018b. Phase II Environmental Site Assessment, Mercer Corridor Project West, Broad MegaBlock Site, Seattle, Washington. Prepared for KPFF Consulting Engineers, January 25, 2018.

SoundEarth Strategies 2013. Remedial Investigation Report, 700 Dexter Property, 700 Dexter Avenue North, Seattle, Washington [Draft]. Prepared for Frontier Environmental Management LLC, July 15, 2013.

Sound Earth Strategies 2016. Interim action work plan, 700 Dexter property, 700 Dexter Avenue North, Seattle, Washington [Draft]: Report prepared for Frontier Environmental Management LLC, Denver, Colo. March 8, 2016.

WHO 2006. Concise International Chemical Assessment Document 68, Tetrachloroethene, International Programme on Chemical Safety Series, World Health Organization, 2006.

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TABLE 2-1
GENERAL FACILITY INFORMATION
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Project Identifiers	
Site Name	Seattle DOT Mercer Parcels
Voluntary Cleanup Program Project No.	NW3258
Facility/Site No.	27913
Cleanup Site ID	14784
Contact Information for Project Coordinators	
Ecology Site Manager	Tena Seeds 3190 160th Avenue SE Bellevue, WA 98008 (425) 649-7008 TSEE461@ecy.wa.gov
Environmental Consultant (Hart Crowser)	Julie Wukelic 3131 Elliott Avenue, Suite 600 Seattle, WA 98121 (206) 255-2852 Julie.Wukelic@hartcrowser.com
Current Owner (Seattle Department of Transportation)	Steven Shain 700 Fifth Avenue Seattle, WA 98104 (503) 704-6677 Steven.Shain@seattle.gov
Prospective Purchaser (800 Mercer, LLC)	Maggie Capelle 400 Dexter Avenue North, Suite 200 Seattle, WA 98109 (206) 702-7489 Mcapelle@are.com
Facility Location	
Address	800 Mercer Street Seattle, WA 98109
Abbreviated Legal Description	EDEN ADD PARCEL "B" CITY OF SEATTLE LOT BOUNDARY ADJUSTMENT NO 3033220-LU RECORDING NO 20190524900001 (BEING A PORTION OF SW QTR NE QTR AND NW QTR SE QTR STR 30-25-04), Plat Block: 1, Plat Lot: PORS 2--7 and EDEN ADD PARCEL "A" CITY OF SEATTLE LOT BOUNDARY ADJUSTMENT NO 3033220-LU RECORDING NO 20190524900001 (BEING A PORTION OF SW QTR NE QTR AND NW QTR SE QTR STR 30-25-04), Plat Block: 2, Plat Lot: PORS 1--8
GPS Coordinates	Latitude 47.625 and longitude -122.341
King County Parcel Numbers	2249000055 and 2249000006
Quarter Section Township Range	NE Section 30, Township 25 North, Range 4 East
Zoning	Mixed-use

TABLE 3-1
OPERATIONAL HISTORY
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Ownership History	
Unknown to 2002	City of Seattle
2002 to 2009	City Investors XX LLC
2009 to present	Seattle Department of Transporation
Operational History	
Late 1800s to 1917	Lake Union (northeast portion)
Late 1800s to 1950s	Residential dwellings and Vine Street/Eighth Avenue North (north-south, bisecting center of Property)
1917	Commercial sash and door company, horse boarding and sales building, and bakery (northeast portion)
1925 to 1930	Graves Bros Sign Painters (central northern portion)
1925 to 1940	Riebe Soap & Chemical Works (central northern portion)
1929 to 1960	Gasoline and service station (northwest portion)
1930 to 1955	Auto repair shop (central area)
1930 to 1955	Newton Auto Wrecking and/or Shucks Auto Wrecking (wrecked vehicle storage on parking lot on eastern portion)
1936 to 1958	Broad Street (diagonal across western half of Property)
1940	West Coast Junk Co. (central northern portion)
1944 to 1955	Erickson Painting (central northern portion)
1950s	Restaurant (southwest portion), corral, contractor's general storage (eastern portion), and paints, pipe storage, and work shop (central portion)
1950 to 1970	Garment factory with attached office and warehouse (800 Mercer Street building in central southern portion)
1958 to 2012	Broad Street underpass (diagonal across entire Property)
1966 to 1970	Auto upholstery shop (northwest portion)
1975 to 1996	Sign painting (800 Mercer Street building in central southern portion)
1980 to 1996	Refrigerator sales and service (800 Mercer Street building in central southern portion)
1986 to 1990	Hang-gliding shop (800 Mercer Street building in central southern portion)
2010 to 2014	Parking, rights-of-way, and construction activities and staging
2014 to 2016	Shimmick Construction (staging area for construction equipment, parking, and stockpiles)
2016 to 2019	Shimmick Construction (staging area for construction equipment, parking, and stockpiles) on western half, sediment ponds on eastern half
2019 to present	Vacant

Notes:

While some previous reports mention a gas station in the southwest corner from 1935 to 1940, the evidence for it is contradictory and its supposed location during that period was occupied by the former Broad Street. We suspect the facility being referred to in these documents was actually the known gas station in the northwest corner of the Property.

References:

Hart Crowser 2019.

Shannon & Wilson 2018a.

TABLE 4-1
HYDRAULIC CONDUCTIVITIES
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Well ID	Bouwer and Rice		Cooper, Bredehoeft, Papadopolous[a]			
	K (ft/day)	K (cm/sec)	K (ft/day)	K (cm/sec)	T (ft^2/day)	Storage Coefficient
Shallow						
HMW-1S	0.4	1.30E-04	-	-	-	-
HMW-2S	5.9	2.10E-03	-	-	-	-
HMW-9S	3.3	1.20E-03	-	-	-	-
HMW-10S	1	3.50E-04	-	-	-	-
Intermediate A						
HMW-2IA	2.2	7.70E-04	-	-	-	-
HMW-3IA	0.3	1.10E-04	-	-	-	-
HMW-6IA	8.1	2.90E-03	-	-	-	-
HMW-9IA	1.7	5.90E-04	-	-	-	-
Intermediate B						
HMW-1IB	1.9	6.80E-04	-	-	-	-
HMW-2IB	1.4	5.00E-04	-	-	-	-
HMW-4IA	0.6	2.20E-04	-	-	-	-
HMW-5IB	0.3	9.10E-05	*0.3*	*9.80E-05*	*2.8*	*8.20E-09*
HMW-6IB	1	3.60E-04	*0.9*	*3.00E-04*	*8.5*	*2.40E-02*
HMW-7IB	1.1	3.70E-04	*0.5*	*1.60E-04*	*4.5*	*9.90E-03*
HMW-8IB	0.5	1.80E-04	*0.3*	*1.20E-04*	*3.4*	*5.10E-04*
HMW-9IB	0.1	4.10E-05	*0.2*	*7.00E-05*	*2*	*3.40E-08*
HMW-11IB	1.7	5.90E-04	*4.5*	*1.60E-03*	*44.5*	*1.30E-08*
Deep						
HMW-1D	4.3	1.50E-03	-	-	-	-
HMW-2D	0.2	6.40E-05	*0.1*	*2.70E-05*	*0.8*	*1.70E-04*
HMW-3D	0.1	4.40E-05	*0.1*	*1.80E-05*	*0.5*	*3.20E-09*
HMW-6D	0.8	2.90E-04	*0.7*	*2.50E-04*	*7.1*	*2.60E-03*
HMW-9D	0.6	2.00E-04	*0.2*	*0*	*2.4*	*1.00E-02*
HMW-10D	1.1	3.80E-04	*0.4*	*1.50E-04*	*4.3*	*2.20E-02*

Notes:

a. Hydraulic conductivity values for this analysis use an aquifer thickness of 10 feet.

- = Data not available or not applicable.

cm/sec = centimeters per second.

ft/day = feet per day.

ft^2/day = square feet per day.

K = Hydraulic conductivity.

T = Transmissivity.

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TABLE 4-2
WATER LEVEL MEASUREMENTS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
Shallow					
DMW-1S	55.76	3/21/2019	-	21.01	34.75
		3/27/2019	-	20.88	34.88
		12/5/2019	13:55	24.88	30.88
		3/19/2020	13:51	22.35	33.41
		3/26/2020	-	22.37	33.39
		5/11/2020	10:20	23.28	32.48
		7/13/2020	14:27	24.33	31.43
		9/2/2020	9:34	24.99	30.77
		2/1/2021	10:00	21.41	34.35
DMW-2S	55.74	3/19/2020	13:48	22.89	32.85
		5/11/2020	10:26	23.76	31.98
		7/13/2020	14:31	24.72	31.02
		9/2/2020	9:41	24.34	31.40
		2/1/2021	10:05	21.53	34.21
DMW-4S	61.54	3/19/2020	13:58	22.28	39.26
		5/11/2020	10:14	22.51	39.03
		7/13/2020	14:51	23.11	38.43
		9/2/2020	9:30	24.18	37.36
		2/1/2021	10:18	21.48	40.06
DMW-6	66.08	3/19/2020	13:38	28.91	37.17
		5/11/2020	9:50	29.28	36.80
		7/13/2020	14:15	29.91	36.17
		9/2/2020	9:49	30.40	35.68
		2/1/2021	11:02	28.30	37.78
HMW-1S	35.77	3/20/2019	-	16.11	19.66
		3/26/2019	-	16.21	19.56
		7/16/2019	17:21	16.85	18.92
		12/5/2019	8:21	18.89	16.88
		1/13/2020	10:25	22.80	12.97
		3/19/2020	14:41	24.53	11.24
		5/11/2020	9:29	26.44	9.33
		7/13/2020	11:01	dry well	--
		9/2/2020	8:40	dry well	--
		2/1/2021	11:26	20.78	15.99

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
HMW-2S	47.32	3/19/2019	-	21.68	25.64
		3/26/2019	-	24.21	23.11
		7/16/2019	15:19	23.98	23.34
		12/5/2019	11:28	25.87	21.45
		1/13/2020	9:32	23.45	23.87
		3/19/2020	15:46	24.98	22.34
		5/11/2020	12:47	25.82	21.50
		7/13/2020	11:38	26.61	20.71
		9/2/2020	10:53	26.11	21.21
		2/1/2021	10:44	21.95	25.37
HMW-9S	58.54	3/19/2020	13:17	33.25	25.29
		5/11/2020	12:08	33.61	24.93
		7/13/2020	13:05	33.94	24.60
		9/2/2020	10:41	34.08	24.46
		2/1/2021	10:30	31.78	26.76
HMW-10S	51.09	3/19/2020	15:00	26.37	24.72
		5/11/2020	13:01	27.11	23.98
		7/13/2020	11:54	27.83	23.26
		9/2/2020	11:05	27.97	23.12
		2/1/2021	10:56	23.91	27.18
HMW-11S	44.77	3/19/2020	14:23	35.50	9.27
		5/11/2020	9:10	37.15	7.62
		7/13/2020	11:07	37.80	6.97
		9/2/2020	8:37	38.07	6.70
		2/1/2021	11:16	32.53	12.24
HMW-17S	57.35	2/1/2021	9:32	24.98	32.37
HMW-18S	57.44	2/1/2021	9:52	25.75	31.69
HMW-19S	61.08	2/1/2021	10:05	30.44	30.64
HMW-20S	56.49	2/1/2021	10:41	29.73	26.76
HMW-21S	37.92	2/1/2021	11:32	25.52	12.40
HMW-22S	38.58	2/1/2021	11:31	26.40	12.18
MW-154	52.57	3/26/2019	-	21.94	30.63
		7/17/2019	12:40	27.02	25.55
		10/21/2019	-	30.16	22.41
		1/13/2020	-	29.30	23.27
		3/19/2020	10:54	29.10	23.47
		5/11/2020	-	29.44	23.13
		7/13/2020	-	30.05	22.52
		9/3/2020	-	29.15	23.42
		2/1/2021	-	22.04	30.53

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
MW-155	44.05	3/26/2019	11:37	17.20	26.85
		10/21/2019	-	24.54	19.51
		1/13/2020	-	22.55	21.50
		3/19/2020	8:37	23.10	20.95
		5/11/2020	-	24.31	19.74
		7/13/2020	-	25.17	18.88
		9/3/2020	-	24.55	19.50
		2/1/2021	-	inaccessible	--
MW-305	59.86	10/21/2019	-	28.17	31.69
		1/13/2020	-	27.85	32.01
		3/19/2020	11:28	23.83	36.03
		5/11/2020	-	25.26	34.60
		7/13/2020	-	26.44	33.42
		9/3/2020	-	27.31	32.55
		2/1/2021	-	21.23	38.63
Intermediate A					
BB-8	43.64	10/21/2019	-	26.19	17.45
		1/13/2020	-	24.10	19.54
		5/11/2020	-	26.62	17.02
		7/13/2020	-	27.60	16.04
		2/1/2021	-	15.33	28.31
DMW-3IA	55.84	3/19/2020	13:44	25.39	30.45
		5/11/2020	10:34	25.99	29.85
		7/13/2020	14:41	26.68	29.16
		9/2/2020	9:44	26.36	29.48
		2/1/2021	10:09	22.90	32.94
HC-4	60.00	3/19/2020	13:27	31.50	28.50
		5/11/2020	10:07	32.21	27.79
		7/13/2020	14:56	33.12	26.88
		9/2/2020	9:24	33.42	26.58
		2/1/2021	10:33	30.37	29.63
HMW-2IA	47.56	3/20/2019	-	18.61	28.95
		3/26/2019	13:39	19.11	28.45
		7/16/2019	15:44	24.28	23.28
		12/5/2019	11:40	27.83	19.73
		1/13/2020	9:32	25.48	22.08
		3/19/2020	15:29	27.29	20.27
		4/10/2020	10:14	27.59	19.97
		5/11/2020	12:55	28.27	19.29
		7/13/2020	11:30	28.86	18.70
		9/2/2020	11:03	27.53	20.03
		9/3/2020	11:57	27.52	20.04
		2/1/2021	10:53	19.55	28.01

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
HMW-3IA	54.78	3/19/2019	-	23.71	31.07
		3/26/2019	10:51	23.99	30.79
		7/16/2019	16:29	28.11	26.67
		12/5/2019	12:14	30.82	23.96
		1/13/2020	9:24	29.86	24.92
		3/19/2020	15:52	29.54	25.24
		4/10/2020	12:53	29.70	25.08
		5/11/2020	12:21	30.05	24.73
		7/13/2020	13:48	30.58	24.20
		9/2/2020	11:50	30.27	24.51
		2/1/2021	10:00	24.59	30.19
HMW-6IA	61.27	3/19/2020	16:13	33.43	27.84
		5/11/2020	11:58	34.25	27.02
		7/13/2020	13:33	36.05	25.22
		9/2/2020	10:24	35.53	25.74
		2/1/2021	10:13	33.25	28.02
HMW-9IA	58.21	3/19/2020	13:06	34.18	24.03
		5/11/2020	12:14	34.48	23.73
		7/13/2020	13:14	34.95	23.26
		9/2/2020	10:46	34.91	23.30
		2/1/2021	10:35	30.89	27.32
HMW-20IA	56.47	2/1/2021	10:39	27.77	28.70
MW-119	37.42	3/26/2019	16:02	18.62	18.80
		7/17/2019	14:49	18.97	18.45
		7/30/2019	11:25	19.18	18.24
		10/21/2019	-	20.44	16.98
		1/13/2020	-	22.31	15.11
		3/19/2020	9:03	28.14	9.28
		5/11/2020	-	29.32	8.10
		7/13/2020	-	29.96	7.46
		2/1/2021	-	24.79	12.63
MW-146	52.34	3/26/2019	11:20	21.12	31.22
		7/17/2019	12:35	30.16	22.18
		10/21/2019	-	33.98	18.36
		1/13/2020	-	32.90	19.44
		3/19/2020	10:59	33.66	18.68
		5/11/2020	-	33.90	18.44
		7/13/2020	-	34.35	17.99
		9/3/2020	-	31.90	20.44
		2/1/2021	-	22.24	30.10

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
MW-306	59.48	10/21/2019	-	30.04	29.44
		1/13/2020	-	29.63	29.85
		3/19/2020	10:43	28.75	30.73
		5/11/2020	-	29.29	30.19
		7/13/2020	-	29.98	29.50
		9/3/2020	-	30.39	29.09
		2/1/2021	-	26.39	33.09
MW-315	49.18	10/21/2019	-	27.08	22.10
		1/13/2020	-	25.80	23.38
		3/19/2020	11:21	27.24	21.94
		5/11/2020	-	28.12	21.06
		7/13/2020	-	28.65	20.53
		2/1/2021	-	22.31	26.87
MW-325	40.90	10/21/2019	-	23.69	17.21
		1/13/2020	-	25.57	15.33
		3/19/2020	9:23	31.64	9.26
		5/11/2020	-	33.31	7.59
		7/13/2020	-	34.03	6.87
		2/1/2021	-	28.79	12.11
Intermediate B					
HMW-1IB	38.42	3/20/2019	-	19.29	19.13
		3/26/2019	15:18	19.47	18.95
		5/16/2019	13:23	19.22	19.20
		7/17/2019	14:00	19.87	18.55
		7/17/2019	14:32	19.89	18.53
		8/15/2019	17:05	20.25	18.17
		12/5/2019	8:11	21.91	16.51
		1/13/2020	10:27	20.79	17.63
		3/19/2020	14:37	28.58	9.84
		4/10/2020	11:19	29.39	9.03
		5/11/2020	9:26	29.90	8.52
		7/13/2020	10:56	30.57	7.85
		9/2/2020	8:53	30.78	7.64
		9/10/2020	11:15	30.78	7.64
		2/1/2021	11:22	25.55	12.87

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
HMW-2IB	47.23	3/20/2019	-	27.50	19.73
		3/26/2019	-	27.32	19.91
		7/16/2019	15:09	28.29	18.94
		12/5/2019	11:35	30.51	16.72
		1/13/2020	9:33	31.02	16.21
		3/12/2020	13:37	36.15	11.08
		3/19/2020	15:35	36.33	10.90
		4/10/2020	9:18	37.11	10.12
		5/11/2020	12:50	37.68	9.55
		7/13/2020	11:41	38.41	8.82
		9/2/2020	15:48	38.43	8.80
		2/1/2021	10:49	33.32	13.91
HMW-4IA	58.53	3/19/2019	-	29.50	29.03
		3/26/2019	16:54	30.21	28.32
		7/17/2019	11:53	33.10	25.43
		12/5/2019	11:59	35.08	23.45
		1/13/2020	9:28	34.20	24.33
		3/19/2020	16:07	33.70	24.83
		4/10/2020	12:57	33.79	24.74
		5/11/2020	12:02	34.11	24.42
		7/13/2020	13:22	34.71	23.82
		9/2/2020	12:57	34.56	23.97
		2/1/2021	10:23	30.68	27.85
HMW-5IB	60.99	3/19/2020	16:02	34.60	26.39
		5/11/2020	12:32	35.09	25.90
		7/13/2020	13:40	35.72	25.27
		9/2/2020	10:21	35.75	25.24
		2/1/2021	10:07	31.47	29.52
HMW-6IB	61.61	3/19/2020	16:36	34.87	26.74
		5/11/2020	11:52	35.22	26.39
		7/13/2020	13:31	36.01	25.60
		9/2/2020	10:27	36.48	25.13
		2/1/2021	10:15	33.86	27.75
HMW-7IB	61.38	3/19/2020	16:41	35.61	25.77
		5/11/2020	11:48	36.10	25.28
		7/13/2020	13:26	36.87	24.51
		9/2/2020	10:31	37.11	24.27
		2/1/2021	10:17	34.54	26.84
HMW-8IB	60.78	3/19/2020	16:45	36.69	24.09
		5/11/2020	12:05	37.08	23.70
		7/13/2020	13:19	37.62	23.16
		9/2/2020	10:38	37.49	23.29
		2/1/2021	10:27	33.26	27.52

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
HMW-9IB	57.89	3/19/2020	11:51	36.54	21.35
		5/11/2020	12:11	37.15	20.74
		7/13/2020	13:08	37.60	20.29
		9/2/2020	10:44	36.60	21.29
		2/1/2021	10:33	29.99	27.90
HMW-11IB	42.91	3/19/2020	14:26	33.50	9.41
		5/11/2020	9:17	35.06	7.85
		7/13/2020	11:11	35.81	7.10
		9/2/2020	8:35	36.06	6.85
		2/1/2021	11:13	30.61	12.30
HMW-15IB	58.33	9/2/2020	7:55	40.54	17.79
		2/1/2021	10:20	39.61	18.72
HMW-16IB	56.80	9/2/2020	10:17	39.57	17.23
		2/1/2021	9:27	33.08	23.72
MW-147	51.85	3/26/2019	11:16	26.36	25.49
		7/17/2019	12:30	31.53	20.32
		10/21/2019	-	36.23	15.62
		1/13/2020	-	34.45	17.40
		3/19/2020	11:04	37.68	14.17
		5/11/2020	-	38.56	13.29
		7/13/2020	-	38.50	13.35
		9/3/2020	-	34.71	17.14
		2/1/2021	-	27.75	24.10
MW-148	43.91	3/26/2019	11:40	24.21	19.70
		10/21/2019	-	26.92	16.99
		1/13/2020	-	28.07	15.84
		3/19/2020	11:12	32.80	11.11
		5/11/2020	-	33.80	10.11
		7/13/2020	-	34.47	9.44
		9/3/2020	-	34.43	9.48
		2/1/2021	-	inaccessible	-
MW-307	60.21	10/21/2019	-	41.65	18.56
		1/13/2020	-	41.55	18.66
		3/19/2020	10:36	43.34	16.87
		5/11/2020	-	43.90	16.31
		7/13/2020	-	44.69	15.52
		9/3/2020	-	44.47	15.74
		2/1/2021	-	42.38	17.83
MW-316	49.44	10/21/2019	-	31.72	17.72
		1/13/2020	-	32.70	16.74
		3/19/2020	9:35	37.66	11.78
		5/11/2020	-	38.95	10.49
		7/13/2020	-	39.74	9.70
		2/1/2021	-	35.07	14.37

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
Deep					
FMW-129	38.31	3/26/2019	15:29	19.99	18.32
		5/16/2019	13:38	19.56	18.75
		7/16/2019	17:38	20.06	18.25
		7/17/2019	13:05	20.13	18.18
		7/30/2019	12:22	20.34	17.97
		10/21/2019	-	21.54	16.77
		1/13/2020	-	24.49	13.82
		3/19/2020	-	-	-
		5/11/2020	-	29.20	9.11
		7/13/2020	-	29.80	8.51
HMW-1D	38.05	3/20/2019	-	20.33	17.72
		3/26/2019	14:22	20.34	17.71
		5/16/2019	13:10	19.90	18.15
		7/16/2019	17:32	20.28	17.77
		7/17/2019	14:09	20.32	17.73
		7/30/2019	12:21	20.50	17.55
		8/15/2019	16:20	20.60	17.45
		12/5/2019	8:41	25.56	12.49
		1/13/2020	10:24	23.40	14.65
		3/9/2020	16:30	28.29	9.76
		3/19/2020	14:30	28.53	9.52
		4/10/2020	11:17	29.29	8.76
		5/11/2020	9:23	29.55	8.50
		7/13/2020	10:51	30.39	7.66
		9/2/2020	8:43	30.40	7.65
		9/16/2020	8:25	30.48	7.57
		9/16/2020	8:51	30.45	7.60
		2/1/2021	11:18	26.78	11.27
HMW-2D	47.23	3/19/2019	-	27.98	19.25
		3/26/2019	13:02	26.48	20.75
		5/16/2019	12:42	27.95	19.28
		7/16/2019	15:56	28.66	18.57
		8/15/2019	15:27	29.17	18.06
		12/5/2019	11:44	30.52	16.71
		1/13/2020	9:34	30.31	16.92
		3/12/2020	10:12	35.94	11.29
		3/19/2020	15:41	36.06	11.17
		3/27/2020	-	36.04	11.19
		4/10/2020	10:15	36.75	10.48
		5/11/2020	12:53	37.18	10.05
		7/13/2020	11:34	37.84	9.39
		9/2/2020	11:02	37.94	9.29
		9/3/2020	11:37	37.95	9.28
		2/1/2021	10:47	33.53	13.70

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
HMW-3D	56.40	3/19/2019	-	38.90	17.50
		3/26/2019	10:35	38.77	17.63
		7/16/2019	17:04	39.11	17.29
		12/5/2019	12:07	39.60	16.80
		1/13/2020	9:26	39.62	16.78
		3/12/2020	12:08	41.82	14.58
		3/19/2020	15:56	41.86	14.54
		3/27/2020	-	42.29	14.11
		4/10/2020	12:55	42.43	13.97
		5/11/2020	12:24	42.57	13.83
		7/13/2020	13:45	43.31	13.09
		9/2/2020	10:15	43.26	13.14
		9/2/2020	11:54	43.31	13.09
		9/2/2020	12:17	43.29	13.11
		2/1/2021	9:56	42.15	14.25
HMW-6D	61.49	3/19/2020	16:32	46.89	14.60
		5/11/2020	11:54	47.65	13.84
		7/13/2020	13:36	48.39	13.10
		9/2/2020	10:25	48.48	13.01
		2/1/2021	10:11	47.25	14.24
HMW-9D	58.14	3/19/2020	13:10	43.55	14.59
		5/11/2020	12:16	44.46	13.68
		7/13/2020	13:11	45.17	12.97
		9/2/2020	10:48	45.09	13.05
		2/1/2021	10:37	42.95	15.19
HMW-10D	51.03	3/19/2020	14:55	39.97	11.06
		3/25/2020	-	40.32	10.71
		5/11/2020	13:03	41.37	9.66
		7/13/2020	11:50	42.14	8.89
		9/2/2020	11:07	42.33	8.70
		2/1/2021	10:58	37.53	13.50
HMW-12D	35.86	9/2/2020	8:55	27.49	8.37
		2/1/2021	11:20	23.35	12.51
HMW-13D	45.08	2/1/2021	11:06	33.40	11.68
HMW-14D	46.11	9/2/2020	8:29	36.34	9.77
		2/1/2021	11:10	33.12	12.99
MW-105	44.12	10/21/2019	-	27.47	16.65
		1/13/2020	-	28.75	15.37
		5/11/2020	-	33.01	11.11
		7/13/2020	-	33.82	10.30
		2/1/2021	-	31.11	13.01

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Well ID	TOC Elevation[a] (ft)	Date	Time of Measure	Depth to Water (ft)	Groundwater Elevation[a] (ft)
MW-106	51.99	3/26/2019	11:10	34.43	17.56
		7/17/2019	12:23	34.62	17.37
		10/21/2019	-	35.25	16.74
		1/13/2020	-	35.56	16.43
		3/19/2020	8:27	38.23	13.76
		5/11/2020	-	38.87	13.12
		7/13/2020	-	39.58	12.41
		2/1/2021	-	37.82	14.17
MW-153	54.35	3/26/2019	-	36.85	17.50
		7/17/2019	12:45	37.11	17.24
		10/21/2019	-	37.60	16.75
		1/13/2020	-	38.80	15.55
		3/19/2020	10:49	40.14	14.21
		5/11/2020	-	40.67	13.68
		7/13/2020	-	41.55	12.80
		9/3/2020	-	41.37	12.98
		2/1/2021	-	40.15	14.20
MW-326	40.97	10/21/2019	-	24.22	16.75
		1/13/2020	-	26.40	14.57
		3/19/2020	9:17	31.50	9.47
		5/11/2020	-	32.44	8.53
		7/13/2020	-	33.37	7.60
		2/1/2021	-	29.85	11.12

Notes:

a. Elevations referenced to North American Vertical Datum of 1988 (NAVD88).

ft = feet.

TOC = Top of Casing.

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TABLE 5-1
CHRONOLOGICAL LIST OF ENVIRONMENTAL INVESTIGATIONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Investigation/Report	Prepared By	Dates of Field Work	Location of Investigation	Summary of Field Work	Boring/Well IDs
Comprehensive Foundation Investigation[i]	Shannon & Wilson	March 1970 to February 1971	East Side of Property and Rights-of-Way North and South	• Drilled 10 soil borings total • 4 relevant soil borings[a]	B-309, B-320, B-404[a], B-414[a], B-415, B-416, B-432[a], B-434[a], B-437, B-438
Denny Way Combined Sewer Overflow (CSO) Investigation	Hong West & Associates	July 1996	Right-of-Way North of Property	• Installed 1 monitoring well[b]	PB-9
Phase II Environmental Site Assessment[j]	Black and Veatch	June to November 1997	Central Southern Portion of Property and Rights-of-Way Adjacent to Property	• 89 explorations total, 30 of which were installed as monitoring wells • 3 monitoring wells are relevant[c]	BB-1 to BB-14 (BB-5[c], BB-8[c], BB-10[c]), CB-1 to CB-5, CB-7A, CB-7B, CC-1, CC-2, CC-3A, CC-3B, CC-4 to CC-13, CP-1 to CP-5, CSP-1 to CSP-3, MB-1, MB-2, OB-1 to OB-4, OW-1 to OW-3, PW-1 to PW-5, TB-1 to TB-18, TP-1 to TP-15
Unknown[k]	Unknown	2009 or Earlier	Right-of-Way North of Property	• Installed 1 monitoring well[d]	BB-8A
Limited Environmental Explorations Report[l]	Shannon & Wilson	April to May 2012	Right-of-Way West of Property	• Drilled 22 soil borings total • 3 relevant soil borings	GP-1, GP-2, GP-3, GP-4, GP-5, GP-6, GP-7[e], GP-8[e], GP-9[e], GP-10, GP-11, GP-12, GP-13, GP-14, GP-15, GP-16, GP-17, GP-18, GP-19, GP-20, GP-21, GP-22
Remedial Investigation (RI)[m]	SoundEarth Strategies	July 2012 to March 2013	West Side of Property and Rights-of-Way Adjacent to Property	• Installed 19 monitoring wells[f] • 6 relevant monitoring wells[f]	MW-101, MW-102, MW-103, MW-104, MW-105[f], MW-106[f], MW-107, MW-108, MW-109, MW-110, MW-111, MW-112, MW-113, MW-114[f], MW-115, MW-116, MW-117[f], MW-118[f], MW-119[f]
AIBS Building Block 43 Site Investigation	Farallon	April to May 2014	Northeast Side of Property	• Installed 8 monitoring wells • 1 relevant monitoring well[g]	FMW-129[g], FMW-137 to FMW-143
Limited Phase II Environmental Site Assessment[n]	Shannon & Wilson	May 2017	Property-Wide	• Drilled 11 soil borings • Collected 4 grab groundwater samples	21417-MB1, 21417-MB2, 21417-MB3, 21417-MB4, 21417-MB5, 21417-MB6, 21417-MB7, 21417-MB8, 21417-MB9, 21417-MB10, 21417-MB11
Remedial Investigation[op]	PES Environmental	August 2017 to October 2019	American Linen Parcel North of Property and Rights-of-Way Adjacent to Property and American Linen	• Drilled 69 soil borings and completed 63 monitoring wells[h] • 1 soil boring and 11 monitoring wells[h] are relevant	B-201 to B-219 (B-215[h]), B-221 to B-267 (including B-234A, B-253A, B-254A, B-255A), MW-132 to MW-157 (MW-140[h,] MW-146[h], MW-147[h], MW-148[h], MW-153[h], MW-154[h], MW-155[h]), MW-158A, MW-159 to MW-164, MW-301 to MW-330 (MW-315[h], MW-316[h], MW-325[h], MW-326[h])
Remedial Investigation	Hart Crowser	March 2019; February, March, July, September, October, and November 2020	Property-Wide and Rights-of-Way East and West of Property	• Drilled 86 soil borings and completed 36 as monitoring wells • Collected 33 grab groundwater samples and 48 monitoring well groundwater samples • Conducted slug testing on 23 monitoring wells	MBGW-1 to MBGW-16, MBPP-1 to MBPP-8, MBB-1 to MBB-26, HMW-1S, HMW-1IB, HMW-1D, HMW-2S, HMW-2IA, HMW-2IB, HMW-2D, HMW-3IA, HMW-3D, HMW-4IA, HMW-5IB, HMW-6IA, HMW-6IB, HMW-6D, HMW-7IB, HMW-8IB, HMW-9S, HMW-9IA, HMW-9IB, HMW-9D, HMW-10S, HMW-10D, HMW-11S, HMW-11IB, HMW-12D, HMW-13D, HMW-14D, HMW-15IB, HMW-16IB, HMW-17S, HMW-18S, HMW-19S, HMW-20IA, HMW-20S, HMW-21S, HMW-22S

Notes:

a. This RI report considers data from 4 of the borings on and near the Property. Additional borings were advanced for geotechnical purposes, but are not shown on Figure 4-1. Refer to the Shannon & Wilson 1971 report for additional information.

b. This RI report considers data from 1 monitoring well near the Property, which was installed as part of a larger investigation for the Denny Way CSO project. Although a boring log was found, no report discussing the well installation was available.

c. This RI report considers data from 3 monitoring wells on and near the Property. Additional explorations were advanced for geotechnical and environmental purposes as part of the design of the CSO tunnel on the Property. Other explorations are not shown on Figure 4-1; refer to the Black & Veatch 1998 report for additional information.

d. This RI report considers data from 1 monitoring well near the Property. No boring log or report discussing the well installation was available. The DOF 2009 report notes that they designated this well as BB-8A because it was an unknown well next to BB-8. DOF collected a groundwater sample from this well in 2009; refer to the DOF 2009 report for additional information.

e. This RI report considers data from 3 borings near the Property. Additional work was conducted as part of a larger investigation to document environmental conditions in the vicinity of the planned Mercer Corridor project; refer to the Shannon & Wilson 2012 report for additional information.

f. This RI report considers data from 6 monitoring wells on and near the Property. Additional work was conducted as part of a larger investigative, remedial, and monitoring effort of the regional chlorinated volatile organic compound groundwater plume from the American Linen Site. Other explorations are not shown on Figure 4-1; refer to the SoundEarth Strategies 2013 report for additional information.

g. This RI report considers data from 1 monitoring well on the Property, which was installed as part of a larger investigation on the AIBS Building Block 43 Site east of the Property. Although a boring log was found on Ecology's database, no report discussing the well installation was available.

h. This RI report considers data from 1 boring and 11 monitoring wells near the Property. Additional work was conducted as part of a larger investigative, remedial, and monitoring effort of the regional chlorinated volatile organic compound groundwater plume from the American Linen Site. Other explorations are not shown on Figure 4-1; refer to the PES Environmental 2019 and 2020 reports for additional information.

References:

i. Shannon & Wilson 1971.
j. Black & Veatch 1998.
k. DOF 2009.
l. Shannon & Wilson 2012.
m. SoundEarth Strategies 2013.
n. Shannon & Wilson 2018b.
o. PES Environmental 2019.
p. PES Environmental 2020.

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TABLE 5-2
SUMMARY OF EXPLORATIONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Status[a]	Logs?[f]	Well Tag	Northing	Easting	Date Completed	Elevation[g]		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab Groundwater?[f,h]	Report Reference
							Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation[g] (ft)	Bottom of Screen Elevation[g] (ft)	Depth (ft)	Elevation[g] (ft)			
SOIL BORINGS																	
B-215	-	Y	-	231782.5	1268432.7	09/13/17	53.95	-	-	-	-	-	95	-41.05	-	N	PES Environmental 2019
B-404	-	Y	-	231557.3	1268925.5	04/02/70	39.50	-	-	-	-	-	68.4	-28.90	-	N	Shannon & Wilson 1971
B-414	-	Y	-	231686.9	1268874.9	04/09/70	43.52	-	-	-	-	-	62.4	-18.88	-	N	Shannon & Wilson 1971
B-432	-	Y	-	231771.9	1268871.5	04/28/70	36.35	-	-	-	-	-	73.5	-37.15	-	N	Shannon & Wilson 1971
B-434	-	Y	-	231547.7	1268855.6	04/30/70	42.73	-	-	-	-	-	63	-20.27	-	N	Shannon & Wilson 1971
GP-7	-	Y	-	231566.4	1268321.0	05/14/12	58.53	-	-	-	-	-	11	47.53	-	-	Shannon & Wilson 2012
GP-8	-	Y	-	231600.2	1268321.4	05/14/12	58.33	-	-	-	-	-	12	46.33	-	-	Shannon & Wilson 2012
GP-9	-	Y	-	231641.5	1268303.4	05/14/12	58.00	-	-	-	-	-	19	39.00	-	-	Shannon & Wilson 2012
21417-MB1	-	Y	-	231725.7	1268417.2	05/12/17	55.43	-	-	-	-	-	10.2	45.23	-	N	Shannon & Wilson 2018b
21417-MB2	-	Y	-	231691.4	1268428.0	05/12/17	54.72	-	-	-	-	-	10	44.72	-	N	Shannon & Wilson 2018b
21417-MB3	-	Y	-	231536.5	1268405.4	05/12/17	58.63	-	-	-	-	-	29	29.63	-	N	Shannon & Wilson 2018b
21417-MB4	-	Y	-	231529.1	1268457.1	05/12/17	57.24	-	15	25	42.24	32.24	25	32.24	1	Y	Shannon & Wilson 2018b
21417-MB5	-	Y	-	231634.5	1268567.3	05/12/17	51.91	-	-	-	-	-	10	41.91	-	N	Shannon & Wilson 2018b
21417-MB6	-	Y	-	231702.7	1268671.1	05/11/17	48.22	-	-	-	-	-	15	33.22	-	N	Shannon & Wilson 2018b
21417-MB7	-	Y	-	231595.5	1268688.0	05/11/17	47.38	-	-	-	-	-	12	35.38	-	N	Shannon & Wilson 2018b
21417-MB8	-	Y	-	231713.1	1268726.6	05/11/17	45.28	-	-	-	-	-	28	17.28	-	N	Shannon & Wilson 2018b
21417-MB9	-	Y	-	231675.5	1268902.0	05/11/17	39.05	-	15	25	24.05	14.05	25	14.05	1	Y	Shannon & Wilson 2018b
21417-MB10	-	Y	-	231628.1	1268906.6	05/11/17	38.08	-	20	30	18.08	8.08	30	8.08	1	Y	Shannon & Wilson 2018b
21417-MB11	-	Y	-	231588.5	1268904.0	05/11/17	39.04	-	15	25	24.04	14.04	25	14.04	1	Y	Shannon & Wilson 2018b
MBB-1	-	Y	-	231703.2	1268422.6	02/27/20	55.02	-	32	37	23.02	18.02	40	15.02	2	Y	Hart Crowser RI
MBB-2	-	Y	-	231687.6	1268418.4	02/27/20	55.45	-	32	37	23.45	18.45	40	15.45	2	Y	Hart Crowser RI
MBB-3	-	Y	-	231679.0	1268431.0	02/27/20	54.84	-	32	37	22.84	17.84	40	14.84	2	Y	Hart Crowser RI
MBB-4	-	Y	-	231685.4	1268438.5	02/27/20	54.61	-	32	37	22.61	17.61	40	14.61	2	Y	Hart Crowser RI
MBB-5	-	Y	-	231669.7	1268575.9	03/02/20	50.53	-	32	37	18.53	13.53	40	10.53	2	Y	Hart Crowser RI
MBB-6	-	Y	-	231665.2	1268588.9	03/03/20	50.33	-	25	30	25.33	20.33	40	10.33	2	Y	Hart Crowser RI
MBB-7	-	Y	-	231704.9	1268625.5	02/25/20	49.41	-	27	32	22.41	17.41	40	9.41	2	Y	Hart Crowser RI
MBB-8	-	Y	-	231658.2	1268630.3	02/26/20	49.66	-	27	32	22.66	17.66	40	9.66	2	Y	Hart Crowser RI
MBB-9	-	Y	-	231652.0	1268676.8	02/26/20	47.55	-	27	32	20.55	15.55	40	7.55	2	Y	Hart Crowser RI
MBB-10	-	Y	-	231698.9	1268686.2	02/26/20	49.66	-	35	40	14.66	9.66	40	9.66	2	Y	Hart Crowser RI
MBB-11	-	Y	-	231668.8	1268866.8	03/04/20	46.42	-	-	-	-	-	35	11.42	-	N	Hart Crowser RI
MBB-12	-	Y	-	231696.9	1268907.2	03/04/20	33.69	-	27	32	6.69	1.69	35	-1.31	2	Y	Hart Crowser RI
MBB-13	-	Y	-	231671.4	1268913.6	03/04/20	35.98	-	30	35	5.98	0.98	35	0.98	2	Y	Hart Crowser RI
MBB-14	-	Y	-	231635.2	1268863.7	03/03/20	47.15	-	-	-	-	-	35	12.15	-	N	Hart Crowser RI
MBB-15	-	Y	-	231638.1	1268912.6	03/04/20	37.73	-	30	35	7.73	2.73	35	2.73	2	Y	Hart Crowser RI
MBB-16	-	Y	-	231702.0	1268460.8	09/02/20	53.70	-	30	40	23.7	13.7	40.4	13.30	-	Y	Hart Crowser RI
MBB-17	-	Y	-	231591.6	1268507.7	09/01/20	54.88	-	-	-	-	-	31.5	23.38	-	N	Hart Crowser RI
MBB-18	-	Y	-	231636.5	1268579.6	09/01/20	51.33	-	-	-	-	-	20.8	30.53	-	N	Hart Crowser RI

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Boring/Well ID	Status[a]	Logs?[f]	Well Tag	Northing	Easting	Date Completed	Elevation[g]		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab Groundwater?[f,h]	Report Reference
							Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation[g] (ft)	Bottom of Screen Elevation[g] (ft)	Depth (ft)	Elevation[g] (ft)			
MBB-19	-	Y	-	231595.4	1268589.9	09/01/20	51.68	-	-	-	-	-	20.8	30.88	-	N	Hart Crowser RI
MBB-20	-	Y	-	231693.1	1268688.0	09/02/20	47.53	-	-	-	-	-	20.5	27.03	-	N	Hart Crowser RI
MBB-21	-	Y	-	231570.0	1268696.9	09/02/20	47.60	-	-	-	-	-	20.9	26.70	-	N	Hart Crowser RI
MBB-22	-	Y	-	231639.0	1268767.4	09/21/20	42.05	-	-	-	-	-	36.5	5.55	-	N	Hart Crowser RI
MBB-23	-	Y	-	231689.5	1268760.4	09/21/20	47.18	-	-	-	-	-	35.8	11.38	-	N	Hart Crowser RI
MBB-24	-	Y	-	231640.9	1268449.0	09/09/20	54.10	-	30	40	24.1	14.1	40.4	13.70	-	Y	Hart Crowser RI
MBB-25	-	Y	-	231525.0	1268366.1	10/30/20	58.63	-	30	40	28.63	18.63	40	18.63	-	Y	Hart Crowser RI
MBB-26	-	Y	-	231500.3	1268385.4	10/29/20	58.79	-	30	40	28.79	18.79	40	18.79	-	Y	Hart Crowser RI
MBGW-1	-	Y	-	231717.9	1268814.4	03/06/19	39.95	-	20	30	19.95	9.95	30	9.95	2	Y	Hart Crowser RI
MBGW-2	-	Y	-	231675.9	1268809.6	03/04/19	46.11	-	20	30	26.11	16.11	81	-34.89	2	Y	Hart Crowser RI
MBGW-3	-	Y	-	231688.0	1268669.1	03/07/19	47.77	-	16	26	31.77	21.77	28	19.77	2	Y	Hart Crowser RI
MBGW-4	-	Y	-	231686.8	1268722.5	03/06/19	47.30	-	-	-	-	-	25	22.30	-	N	Hart Crowser RI
MBGW-5	-	Y	-	231683.8	1268585.2	03/11/19	49.87	-	20	30	29.87	19.87	76.5	-26.63	2	Y	Hart Crowser RI
MBGW-6	-	Y	-	231694.9	1268490.7	03/14/19	52.50	-	20	30	32.5	22.5	30.5	22.00	2	Y	Hart Crowser RI
MBGW-7	-	Y	-	231624.5	1268489.7	03/06/19	53.76	-	30	40	23.76	13.76	75.3	-21.54	2	Y	Hart Crowser RI
MBGW-8	-	Y	-	231577.5	1268709.9	03/15/19	47.08	-	15	25	32.08	22.08	76.5	-29.42	2	Y	Hart Crowser RI
MBGW-9	-	Y	-	231553.8	1268464.9	03/13/19	56.84	-	20	30	36.84	26.84	31.5	25.34	2	Y	Hart Crowser RI
MBGW-10	-	Y	-	231523.6	1268494.8	03/13/19	55.25	-	20	30	35.25	25.25	30.9	24.35	2	Y	Hart Crowser RI
MBGW-11	-	Y	-	231510.4	1268442.2	03/12/19	57.55	-	35	45	22.55	12.55	50	7.55	2	Y	Hart Crowser RI
MBGW-12	-	Y	-	231726.0	1268449.4	03/15/19	54.00	-	17.5	27.5	36.5	26.5	30.9	23.10	2	Y	Hart Crowser RI
MBGW-13	-	Y	-	231693.1	1268435.0	03/14/19	54.72	-	20	30	34.72	24.72	31.5	23.22	2	Y	Hart Crowser RI
MBGW-14	-	Y	-	231615.6	1268872.1	03/06/19	46.09	-	20	30	26.09	16.09	30	16.09	2	Y	Hart Crowser RI
MBGW-15	-	Y	-	231568.7	1268885.7	03/11/19	40.87	-	20	30	20.87	10.87	81	-40.13	2	Y	Hart Crowser RI
MBGW-16	-	Y	-	231546.5	1268567.1	03/14/19	52.14	-	20	30	32.14	22.14	75.5	-23.36	2	Y	Hart Crowser RI
MBPP-1	-	Y	-	231635.9	1268801.4	03/05/19	45.28	-	-	-	-	-	30	15.28	-	N	Hart Crowser RI
MBPP-2	-	Y	-	231575.5	1268828.3	03/05/19	44.46	-	-	-	-	-	30	14.46	-	N	Hart Crowser RI
MBPP-3	-	Y	-	231593.9	1268746.6	03/06/19	45.89	-	-	-	-	-	30	15.89	-	N	Hart Crowser RI
MBPP-4	-	Y	-	231619.1	1268667.7	03/07/19	48.34	-	-	-	-	-	18	30.34	-	N	Hart Crowser RI
MBPP-5	-	Y	-	231721.9	1268693.2	03/07/19	45.92	-	18	28	27.92	17.92	28	17.92	2	Y	Hart Crowser RI
MBPP-6	-	Y	-	231604.6	1268569.5	03/08/19	52.26	-	-	-	-	-	30	22.26	-	N	Hart Crowser RI
MBPP-7	-	Y	-	231725.5	1268551.4	03/08/19	49.77	-	-	-	-	-	23	26.77	-	N	Hart Crowser RI
MBPP-8	-	Y	-	231588.6	1268424.6	03/08/19	57.52	-	-	-	-	-	30	27.52	-	N	Hart Crowser RI
MONITORING WELLS																	
Shallow																	
BB-10	D	Y	-	231732.0	1268341.6	08/29/97	57.40	-	29	39	28.4	18.4	60.5	-3.10	2	N	Black & Veatch 1998
HMW-1S	-	Y	BLI532	231663.1	1268917.0	03/06/19	36.01	35.73	20	30	16.01	6.01	31.5	4.51	2	N	Hart Crowser RI
HMW-2S	-	Y	BLR924	231667.7	1268683.1	03/13/19	47.39	47.28	19.8	29.8	27.59	17.59	30	17.39	2	N	Hart Crowser RI
HMW-9S	-	Y	BLZ189	231607.5	1268475.2	03/02/20	55.39	58.54	25	35	30.39	20.39	40	15.39	2	N	Hart Crowser RI
HMW-10S	-	Y	BLZ193	231564.8	1268682.5	03/03/20	48.21	51.09	24.7	34.7	23.51	13.51	40	8.21	2	N	Hart Crowser RI
HMW-11S	-	Y	BLZ195	231575.0	1268889.2	02/24/20	41.47	44.77	25	35	16.47	6.47	40	1.47	2	N	Hart Crowser RI
HMW-17S	-	Y	BMP351	231712.9	1268386.3	09/03/20	57.21	57.35	35	45	22.21	12.21	45.5	11.71	2	N	Hart Crowser RI
HMW-18S	-	Y	BMP352	231676.5	1268386.9	09/03/20	57.61	57.44	35	45	22.61	12.61	45.3	12.31	2	N	Hart Crowser RI
HMW-19S	-	Y	BMP353	231643.0	1268383.9	09/08/20	58.20	61.08	35	45	23.2	13.2	46.4	11.80	2	N	Hart Crowser RI

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Boring/Well ID	Status[a]	Logs?[f]	Well Tag	Northing	Easting	Date Completed	Elevation[g]		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab Groundwater?[f,h]	Report Reference
							Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation[g] (ft)	Bottom of Screen Elevation[g] (ft)	Depth (ft)	Elevation[g] (ft)			
HMW-20S	-	Y	BMP354	231637.0	1268512.5	09/08/20	53.81	56.49	25	35	28.81	18.81	35.8	18.01	2	N	Hart Crowser RI
HMW-21S	-	Y	BMP373	231626.2	1268924.2	10/20/20	38.17	37.92	30	40	8.17	-1.83	41.5	-3.33	2	N	Hart Crowser RI
HMW-22S	-	Y	BMP374	231592.8	1268923.7	10/22/20	38.75	38.58	27	37	11.75	1.75	38.5	0.25	2	N	Hart Crowser RI
MW-154	-	N	BKF350	231736.0	1268482.2	03/30/18	53.22	52.57	25	35	28.22	18.22	35	18.22	2	N	PES Environmental 2019
MW-155	-	N	BKF354	231735.4	1268717.5	04/10/18	44.47	44.05	20	30	24.47	14.47	30	14.47	2	N	PES Environmental 2019
Intermediate A																	
BB-5	D	Y	-	231594.4	1268646.9	09/03/97	49.48	-	30	40	19.48	9.48	78	-28.52	2	N	Black & Veatch 1998
BB-8	-	Y	-	231762.7	1268707.1	06/06/97	43.72	43.69	30	40	13.72	3.72	78.5	-34.78	2	N	Black & Veatch 1998
BB-8A	D	N	-	231763.5	1268720.0	-	43.36	-	-	40.3	-	3.06	-	-	-	N	DOF 2009[b]
HMW-2IA	-	Y	-	231646.6	1268697.0	03/08/19	45.55	47.51	34.8	44.8	10.75	0.75	46	-0.45	2	N	Hart Crowser RI
HMW-3IA	-	Y	BLR925	231681.8	1268425.8	03/15/19	55.02	54.75	34.8	44.8	20.22	10.22	45.5	9.52	2	N	Hart Crowser RI
HMW-6IA	-	Y	BLZ185	231552.5	1268379.7	03/02/20	58.65	61.27	37.5	47.5	21.15	11.15	50	8.65	2	N	Hart Crowser RI
HMW-9IA	-	Y	BLZ190	231610.7	1268480.4	02/28/20	55.26	58.21	36.7	46.7	18.56	8.56	50	5.26	2	N	Hart Crowser RI
HMW-20IA	-	Y	BMP356	231634.1	1268516.1	09/09/20	53.83	56.47	41	51	12.83	2.83	51.3	2.53	2	N	Hart Crowser RI
MW-114	A	Y	BHS768	231656.1	1268537.7	12/10/12	42.43	45.84	35	45	7.43	-2.57	45	-2.57	2	N	SoundEarth Strategies 2013
MW-117	D	Y	BHS885	231643.7	1268343.7	12/10/12	57.78	56.9	40	55	17.78	2.78	45.5	12.28	2	N	SoundEarth Strategies 2013
MW-118	D	Y	BIC079	231491.4	1268503.4	03/21/13	54.50	52.91	40	50	14.5	4.5	55.5	-1.00	2	N	SoundEarth Strategies 2013
MW-119	-	Y	BIC080	231653.1	1268925.2	03/21/13	37.59	37.42	35	45	2.59	-7.41	45	-7.41	2	N	SoundEarth Strategies 2013
MW-146	-	N	BKF349	231735.7	1268490.1	03/30/18	52.86	52.34	39.8	49.8	13.06	3.06	50	2.86	2	N	PES Environmental 2019
MW-315	-	N	BMF570	231538.6	1268645.5	09/11/19	49.56	49.18	37.5	47.4	12.06	2.16	48	1.56	2	N	PES Environmental 2019
MW-325	-	N	BMF585	231553.5	1268886.3	09/11/19	41.42	40.9	34.5	44.5	6.92	-3.08	44.7	-3.28	2	N	PES Environmental 2019
Intermediate B																	
HMW-1IB	-	Y	BLR917	231653.1	1268903.5	03/13/19	38.29	38.38	54.3	64.3	-16.01	-26.01	65.5	-27.21	2	N	Hart Crowser RI
HMW-2IB	-	Y	BLR923	231653.0	1268687.0	03/12/19	47.41	47.19	52.8	62.8	-5.39	-15.39	66.5	-19.09	2	N	Hart Crowser RI
HMW-4IA[c]	-	Y	BLI162	231558.7	1268409.6	03/07/19	58.70	58.53	50	60	8.7	-1.3	81.5	-22.80	2	N	Hart Crowser RI
HMW-5IB	-	Y	BLZ188	231613.0	1268382.8	02/28/20	58.44	60.99	49.7	59.7	8.74	-1.26	70	-11.56	2	N	Hart Crowser RI
HMW-6IB	-	Y	BLZ186	231548.1	1268380.8	03/03/20	58.67	61.61	50	60	8.67	-1.33	70	-11.33	2	N	Hart Crowser RI
HMW-7IB	-	Y	BLZ159	231522.5	1268383.3	03/02/20	58.69	61.38	49.7	59.7	8.99	-1.01	70	-11.31	2	N	Hart Crowser RI
HMW-8IB	-	Y	BLZ158	231559.1	1268433.8	03/02/20	57.97	60.78	50.5	60.5	7.47	-2.53	70	-12.03	2	N	Hart Crowser RI
HMW-9IB	-	Y	BLZ191	231604.9	1268480.1	02/28/20	55.36	57.89	57	67	-1.64	-11.64	70	-14.64	2	N	Hart Crowser RI
HMW-11IB	-	Y	BLZ196	231565.1	1268891.7	02/24/20	39.70	42.91	44.9	54.9	-5.17	-15.17	70	-30.30	2	N	Hart Crowser RI
HMW15IB	-	Y	BMP316	231512.3	1268389.5	07/16/20	58.86	58.33	64	73	-5.14	-14.14	76.5	-17.64	2	N	Hart Crowser RI
HMW16IB	-	Y	BMP315	231724.0	1268386.5	07/14/20	57.02	56.8	55	65	2.02	-7.98	76.5	-19.48	2	N	Hart Crowser RI
MW-147	-	Y	BKF351	231736.0	1268498.0	04/02/18	52.49	51.85	70	80	-17.51	-27.51	80	-27.51	2	N	PES Environmental 2019
MW-148	-	Y	BKF353	231734.0	1268722.0	04/09/18	44.29	43.91	70	80	-25.71	-35.71	80.5	-36.21	2	N	PES Environmental 2019
MW-316	-	Y	BMF569	231537.9	1268641.6	09/09/19	49.71	49.44	59.8	69.8	-10.09	-20.09	70	-20.29	2	N	PES Environmental 2019
Deep																	
FMW-129	-	Y	BIE085	231708.1	1268874.6	05/16/14	38.64	38.31	84.2	89.2	-45.56	-50.56	119	-80.36	2	Y	Farallon[d]
HMW-1D	-	Y	BLI197	231641.8	1268907.5	03/04/19	38.07	37.99	80	90	-41.93	-51.93	90	-51.93	2	N	Hart Crowser RI
HMW-2D	-	Y	BLI198	231659.8	1268696.2	03/06/19	47.34	47.19	80	90	-32.66	-42.66	90	-42.66	2	N	Hart Crowser RI
HMW-3D	-	Y	BLI199	231676.0	1268409.0	03/06/19	56.56	56.37	80	90	-23.44	-33.44	90	-33.44	2	N	Hart Crowser RI
HMW-6D	-	Y	BLZ187	231551.3	1268382.8	03/02/20	58.58	61.49	79.7	89.7	-21.12	-31.12	90	-31.42	2	N	Hart Crowser RI
HMW-9D	-	Y	BLZ192	231609.9	1268484.4	02/28/20	55.32	58.14	79.7	89.7	-24.38	-34.38	90	-34.68	2	N	Hart Crowser RI

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Boring/Well ID	Status[a]	Logs?[f]	Well Tag	Northing	Easting	Date Completed	Elevation[g]		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab Groundwater?[f,h]	Report Reference
							Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation[g] (ft)	Bottom of Screen Elevation[g] (ft)	Depth (ft)	Elevation[g] (ft)			
HMW-10D	-	Y	BLZ194	231565.5	1268686.2	03/05/20	48.16	51.03	79	89	-30.84	-40.84	90	-41.84	2	N	Hart Crowser RI
HMW12D	-	Y	BMP290	231704.6	1268915.3	07/16/20	33.52	35.86	82	92	-48.48	-58.48	100.3	-66.78	2	N	Hart Crowser RI
HMW13D	-	Y	BMP318	231638.7	1268802.4	07/23/20	45.30	45.08	89.5	99.5	-44.2	-54.2	100.9	-55.60	2	N	Hart Crowser RI
HMW14D	-	Y	BMP317	231576.9	1268800.7	07/20/20	46.35	46.11	70	80	-23.65	-33.65	81.5	-35.15	2	N	Hart Crowser RI
MW-105	-	Y	BCK018	231763.7	1268695.3	08/10/12	45.59	44.69	130	140	-84.41	-94.41	140	-94.41	2	N	SoundEarth Strategies 2013
MW-106	-	Y	BCK019	231721.8	1268488.0	08/15/12	52.90	51.99	130	140	-77.1	-87.1	140	-87.10	2	N	SoundEarth Strategies 2013
MW-140	-	Y	BKA301	231782.8	1268511.9	08/31/17	50.32	50.2	129.5	139.5	-79.18	-89.18	140	-89.68	2	N	PES Environmental 2019
MW-153	-	Y	BKF348	231737.1	1268440.3	03/29/18	54.84	54.35	120	130	-65.16	-75.16	130	-75.16	2	N	PES Environmental 2019
MW-326	-	Y	BLR750	231552.7	1268889.6	09/10/19	41.31	40.97	90	100	-48.69	-58.69	100	-58.69	2	N	PES Environmental 2019
PB-9	-	Y	-	231759.8	1268445.0	07/15/96	53.60	-	62	77	-8.4	-23.4	100.1	-46.50	0.75	N	HWA[e]

Notes:

a."D" represents decommissioned and "A" represents abandoned.

b. No boring log or report discussing the well installation was available. The DOF 2009 report notes that they designated this well as BB-8A because it was an unknown well next to BB-8.
The bottom of screen depth was assumed based on DOF's measurement of the bottom of the well.

c. This well was installed as an Intermediate B well rather than an Intermediate A well as suggested in the name.

d. This well was installed as part of a larger investigation on the AIBS Building Block 43 Site east of the Property.
Although a boring log was found on Ecology's database, no report discussing the well installation was available.

e. This well was installed as part of a larger investigation for the Denny Way combined sewer overflow project.
Although a boring log was found, no report discussing the well installation was available.

f. "Y" represents yes and "N" represents no.

g. Elevations referenced to North American Vertical Datum of 1988 (NAVD88).

h. All grab groundwater samples were collected in the shallow aquifer.

- = Data not available or not applicable.

ft = feet.

in = inches.

TOC = Top of casing.

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TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
B-215	53.95	9/12/2017	15	38.95			X			X	X		
			25	28.95			X			X			
			35	18.95			X			X	X		
			45	8.95			X			X	X		
			55	-1.05			X			X	X		
			65	-11.05			X			X	X		
			75	-21.05			X			X	X		
		9/13/2017	85	-31.05			X			X	X		
			95	-41.05			X			X	X		
BB-5	49.48	9/3/1997	15 - 17	34.48 to 32.48	X	X	X			X			
			25 - 27	24.48 to 22.48	X	X	X			X			
BB-8	43.72	6/6/1997	20 - 22	23.72 to 21.72	X	X	X			X			
BB-10	57.40	8/29/1997	15 - 17	42.40 to 40.40	X	X							
HMW-1IB	38.29	3/12/2019	7.5 - 9	30.79 to 29.29	X	X	X			X	X		
			15 - 16.5	23.29 to 21.79			X			X	X		
			20.5 - 22	17.79 to 16.29			X			X	X		
			27.5 - 29	10.79 to 9.29	X	X	X			X	X		
			50 - 51.5	-11.71 to -13.21			X			X	X		
			65 - 65.4	-26.71 to -27.11			X			X	X		
HMW-2IB	47.41	3/12/2019	7.5 - 9	39.91 to 38.41	X	X	X			X	X	X	
			15 - 15.5	32.41 to 31.91			X			X	X		
			22.5 - 23.5	24.91 to 23.91	X	X	X			X	X		
			30 - 30.5	17.41 to 16.91			X			X	X		
			45 - 46	2.41 to 1.41			X			X	X		
			65 - 66.5	-17.59 to -19.09			X			X	X		
HMW-3IA	55.02	3/15/2019	15 - 16	40.02 to 39.02			X			X	X		
			20 - 21	35.02 to 34.02	X	X	X			X	X		
			22.5 - 23.5	32.52 to 31.52	X	X	X			X	X	X	
			25 - 26	30.02 to 29.02	X	X	X			X	X		
HMW-4IA	58.70	3/7/2019	5 - 6	53.70 to 52.70			X			X	X		
			7.5 - 8.7	51.20 to 50.00	X	X	X	X	X	X	X		
			10 - 11	48.70 to 47.70			X			X	X		
			25 - 26.8	33.70 to 31.90	X	X	X			X	X		
HMW-5IB	58.44	2/28/2020	5 - 6.5	53.44 to 51.94	X	X	X	X	X	X	X	X	
			10 - 11.5	48.44 to 46.94	X	X	X	X	X	X	X	X	
			15 - 16.5	43.44 to 41.94	X	X	X	X	X	X	X	X	
			20 - 21.5	38.44 to 36.94	X	X	X	X	X	X	X	X	
			25 - 26.5	33.44 to 31.94	X	X	X	X	X	X	X	X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
HMW-6D	58.58	3/2/2020	5 - 6.5	53.58 to 52.08	X	X	X	X	X	X	X	X	
			10 - 11.5	48.58 to 47.08	X	X	X	X	X	X	X	X	
			15 - 16.5	43.58 to 42.08	X	X	X	X	X	X	X	X	
			25 - 26.5	33.58 to 32.08	X	X	X	X	X	X	X	X	
			30 - 31.5	28.58 to 27.08	X	X	X	X	X	X	X	X	
HMW-6IA	58.65	3/2/2020	5 - 6.5	53.65 to 52.15	X	X	X	X	X	X	X	X	
			10 - 11.5	48.65 to 47.15	X	X	X	X	X	X	X	X	
			15 - 16.5	43.65 to 42.15	X	X	X	X	X	X	X	X	
			20 - 21.5	38.65 to 37.15	X	X	X	X	X	X	X	X	
			30 - 31.5	28.65 to 27.15	X	X	X	X	X	X	X	X	
HMW-6IB	58.67	3/3/2020	5 - 6.5	53.67 to 52.17	X	X	X	X	X	X	X	X	
			10 - 11.5	48.67 to 47.17	X	X	X	X	X	X	X	X	
			15 - 16.5	43.67 to 42.17	X	X	X	X	X	X	X	X	
			20 - 21.5	38.67 to 37.17	X	X	X	X	X	X	X	X	
			25 - 26.5	33.67 to 32.17	X	X	X	X	X	X	X	X	
HMW-7IB	58.69	2/28/2020	5 - 6.5	53.69 to 52.19	X	X	X	X	X	X	X	X	
			10 - 11.5	48.69 to 47.19	X	X	X	X	X	X	X	X	
			15 - 16.5	43.69 to 42.19	X	X	X	X	X	X	X	X	
			20 - 21.5	38.69 to 37.19	X	X	X	X	X	X	X	X	
			25 - 26.5	33.69 to 32.19	X	X	X	X	X	X	X	X	
HMW-8IB	57.97	3/2/2020	5 - 6.5	52.97 to 51.47	X	X	X	X	X	X	X	X	
			10 - 11.5	47.97 to 46.47	X	X	X	X	X	X	X	X	
			15 - 16.5	42.97 to 41.47	X	X	X	X	X	X	X	X	
			20 - 21.5	37.97 to 36.47	X	X	X	X	X	X	X	X	
			25 - 26.5	32.97 to 31.47	X	X	X	X	X	X	X	X	
HMW-9D	55.32	2/27/2020	5 - 6.5	50.32 to 48.82	X	X	X			X	X	X	
			10 - 11.5	45.32 to 43.82	X	X	X			X	X	X	
			15 - 16.5	40.32 to 38.82	X	X	X			X	X	X	
			20 - 21.5	35.32 to 33.82	X	X	X			X	X	X	
			25 - 26.5	30.32 to 28.82	X	X	X			X	X	X	
HMW-9IA	55.26	2/28/2020	5 - 6.5	50.26 to 48.76	X	X	X			X	X	X	
			10 - 11.5	45.26 to 43.76	X	X	X			X	X	X	
			15 - 16.5	40.26 to 38.76	X	X	X			X	X	X	
			20 - 21.5	35.26 to 33.76	X	X	X			X	X	X	
			25 - 26.5	30.26 to 28.76	X	X	X			X	X	X	
HMW-9IB	55.36	2/28/2020	5 - 6.5	50.36 to 48.86	X	X	X			X	X	X	
			13 - 14.5	42.36 to 40.86	X	X	X			X	X	X	
			15 - 16.5	40.36 to 38.86	X	X	X			X	X	X	
			20 - 21.5	35.36 to 33.86	X	X	X			X	X	X	
			25 - 26.5	30.36 to 28.86	X	X	X			X	X	X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
HMW-9S	55.39	3/2/2020	5 - 6.5	50.39 to 48.89	X	X	X			X	X	X	
			14 - 15.5	41.39 to 39.89	X	X	X			X	X	X	
			17 - 18.5	38.39 to 36.89	X	X	X			X	X	X	
			20 - 21.5	35.39 to 33.89	X	X	X			X	X	X	
			25 - 26.5	30.39 to 28.89	X	X	X			X	X	X	
HMW-10D	48.16	3/5/2020	5 - 6.5	43.16 to 41.66	X	X	X			X	X	X	
			10 - 11.5	38.16 to 36.66	X	X	X			X	X	X	
			15 - 16.5	33.16 to 31.66	X	X	X			X	X	X	
			20 - 21.5	28.16 to 26.66	X	X	X			X	X	X	
			25 - 26.5	23.16 to 21.66	X	X	X			X	X	X	
HMW-10S	48.21	3/3/2020	5 - 6.5	43.21 to 41.71	X	X	X			X	X	X	
			10 - 11.5	38.21 to 36.71	X	X	X			X	X	X	
			15 - 16.5	33.21 to 31.71	X	X	X			X	X	X	
			20 - 21.5	28.21 to 26.71	X	X	X			X	X	X	
			25 - 26.5	23.21 to 21.71	X	X	X			X	X	X	
HMW-11IB	39.70	2/24/2020	5 - 6.5	34.7 to 33.2	X	X	X			X	X	X	
			10 - 11.5	29.7 to 28.2	X	X	X			X	X	X	
			15 - 16.5	24.7 to 23.2	X	X	X			X	X	X	
			20 - 21.5	19.7 to 18.2	X	X	X			X	X	X	
			25 - 26.5	14.7 to 13.2	X	X	X			X	X	X	
HMW-11S	41.47	2/25/2020	5 - 6.5	36.47 to 34.97	X	X	X			X	X	X	
			10 - 11.5	31.47 to 29.97	X	X	X			X	X	X	
			15 - 16.5	26.47 to 24.97	X	X	X			X	X	X	
			20 - 21.5	21.47 to 19.97	X	X	X			X	X	X	
			31 - 32.5	10.47 to 8.97	X	X	X			X	X	X	
HMW-17S	57.21	9/3/2020	5 - 6.25	52.21 to 50.96	X	X	X	X		X	X	X	X
			10 - 11.25	47.21 to 45.96	X	X	X	X		X	X	X	X
			15 - 16.33	42.21 to 40.88	X	X	X	X		X	X	X	X
			20 - 20.75	37.21 to 36.46	X	X	X	X		X	X	X	X
			25 - 26	32.21 to 31.21	X	X	X	X		X	X	X	X
HMW-18S	57.61	9/3/2020	5 - 5.8	52.61 to 51.81	X	X	X	X		X	X	X	X
			10 - 11.5	47.61 to 46.11	X	X	X	X		X	X	X	X
			15 - 16.5	42.61 to 41.11	X	X	X	X		X	X	X	X
			20 - 20.9	37.61 to 36.71	X	X	X	X		X	X	X	X
			25 - 25.8	32.61 to 31.81	X	X	X	X		X	X	X	X
			30 - 31	27.61 to 26.61	X	X	X	X		X	X	X	X
HMW-19S	58.20	9/8/2020	5 - 5.5	53.20 to 52.70	X	X	X	X		X	X	X	X
			10 - 10.75	48.20 to 47.45	X	X	X	X		X	X	X	X
			15 - 16.5	43.20 to 41.70	X	X	X	X		X	X	X	X
			20 - 21.5	38.20 to 36.70	X	X	X	X		X	X	X	X
			26 - 26.8	32.20 to 31.40	X	X	X	X		X	X	X	X
			30 - 30.5	28.20 to 27.70	X	X	X	X		X	X	X	X

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
HMW-20S	53.81	9/8/2020	5 - 5.5	48.81 to 48.31	X	X	X	X		X	X	X	X
			10 - 11.5	43.81 to 42.31	X	X	X	X		X	X	X	X
			15 - 16.5	38.81 to 37.31	X	X	X	X		X	X	X	X
			20 - 21.25	33.81 to 32.56	X	X	X	X		X	X	X	X
			25 - 26.4	28.81 to 27.41	X	X	X	X		X	X	X	X
			30 - 31	23.81 to 22.81	X	X	X	X		X	X	X	X
21417-MB1	55.43	5/12/2017	9	46.43	X	X	X			X	X	X	
21417-MB2	54.72	5/12/2017	1	53.72				X	X				
			10	44.72	X	X	X			X	X		
21417-MB3	58.63	5/12/2017	1	57.63				X	X				
21417-MB3	58.63	5/12/2017	20	38.63	X	X	X			X	X		
21417-MB4	57.24	5/12/2017	24	33.24	X	X	X			X	X	X	
21417-MB5	51.91	5/12/2017	9	42.91	X	X	X			X	X		
21417-MB6	48.22	5/11/2017	9	39.22	X	X	X			X	X	X	
21417-MB7	47.38	5/11/2017	11	36.38	X	X	X			X	X		
21417-MB8	45.28	5/11/2017	27	18.28	X	X	X			X	X	X	
21417-MB9	39.05	5/11/2017	13	26.05	X	X	X			X	X	X	
			22	17.05	X	X	X			X	X	X	
21417-MB10	38.08	5/11/2017	28	10.08	X	X	X			X	X	X	
21417-MB11	39.04	5/11/2017	23	16.04	X	X	X			X	X	X	
MBB-1	55.02	2/27/2020	5 - 6.5	50.02 to 48.52	X	X	X	X	X	X	X	X	
			10 - 11.5	45.02 to 43.52	X	X	X	X	X	X	X	X	
			15 - 16.5	40.02 to 38.52	X	X	X	X	X	X	X	X	
			20 - 21.5	35.02 to 33.52	X	X	X	X	X	X	X	X	
			25 - 26.5	30.02 to 28.52	X	X	X	X	X	X	X	X	
MBB-2	55.45	2/27/2020	5 - 6.5	50.45 to 48.95	X	X	X	X	X	X	X	X	
			10 - 11.5	45.45 to 43.95	X	X	X	X	X	X	X	X	
			15 - 16.5	40.45 to 38.95	X	X	X	X	X	X	X	X	
			20 - 21.5	35.45 to 33.95	X	X	X	X	X	X	X	X	
			25 - 26.5	30.45 to 28.95	X	X	X	X	X	X	X	X	
MBB-3	54.84	2/27/2020	5 - 6.5	49.84 to 48.34	X	X	X	X	X	X	X	X	
			10 - 11.5	44.84 to 43.34	X	X	X	X	X	X	X	X	
			15 - 16.5	39.84 to 38.34	X	X	X	X	X	X	X	X	
			20 - 21.5	34.84 to 33.34	X	X	X	X	X	X	X	X	
			25 - 26.5	29.84 to 28.34	X	X	X	X	X	X	X	X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MBB-4	54.61	2/27/2020	5 - 6.5	49.61 to 48.11	X	X	X	X	X	X	X	X	
			10 - 12.5	44.61 to 42.11	X	X	X	X	X	X	X	X	
			15 - 16.5	39.61 to 38.11	X	X	X	X	X	X	X	X	
			20 - 23	34.61 to 31.61	X	X	X	X	X	X	X	X	
			25 - 26.5	29.61 to 28.11	X	X	X	X	X	X	X	X	
MBB-5	50.53	3/2/2020	5 - 6.5	45.53 to 44.03	X	X	X			X	X	X	
			10 - 11.5	40.53 to 39.03	X	X	X			X	X	X	
			15 - 16.5	35.53 to 34.03	X	X	X			X	X	X	
			20 - 21.5	30.53 to 29.03	X	X	X			X	X	X	
			25 - 26.5	25.53 to 24.03	X	X	X			X	X	X	
MBB-6	50.33	3/3/2020	5 - 6.5	45.33 to 43.83	X	X	X			X	X	X	
			10 - 11.5	40.33 to 38.83	X	X	X			X	X	X	
			15 - 16.5	35.33 to 33.83	X	X	X			X	X	X	
			20 - 21.5	30.33 to 28.83	X	X	X			X	X	X	
			25 - 26.5	25.33 to 23.83	X	X	X			X	X	X	
MBB-7	49.41	2/25/2020	5 - 6.5	44.41 to 42.91	X	X	X			X	X	X	
			10 - 11.5	39.41 to 37.91	X	X	X			X	X	X	
			15 - 16.5	34.41 to 32.91	X	X	X			X	X	X	
			20 - 21.5	29.41 to 27.91	X	X	X			X	X	X	
			25 - 26.5	24.41 to 22.91	X	X	X			X	X	X	
MBB-8	49.66	2/26/2020	7 - 7.5	42.66 to 42.16	X	X	X			X	X	X	
			10 - 11.5	39.66 to 38.16	X	X	X			X	X	X	
			15 - 16.5	34.66 to 33.16	X	X	X			X	X	X	
			20 - 21.5	29.66 to 28.16	X	X	X			X	X	X	
			25 - 26.5	24.66 to 23.16	X	X	X			X	X	X	
MBB-9	47.55	2/26/2020	5.5 - 7	42.05 to 40.55	X	X	X			X	X	X	
			10 - 11.5	37.55 to 36.05	X	X	X			X	X	X	
			15 - 16.5	32.55 to 31.05	X	X	X			X	X	X	
			20 - 21.5	27.55 to 26.05	X	X	X			X	X	X	
			25 - 26.5	22.55 to 21.05	X	X	X			X	X	X	
MBB-10	49.66	2/26/2020	5 - 6.5	44.66 to 43.16	X	X	X			X	X	X	
			10 - 11.5	39.66 to 38.16	X	X	X			X	X	X	
			15 - 16.5	34.66 to 33.16	X	X	X			X	X	X	
			20 - 21.5	29.66 to 28.16	X	X	X			X	X	X	
			25 - 26.5	24.66 to 23.16	X	X	X			X	X	X	
MBB-11	46.42	3/4/2020	15 - 16.5	31.42 to 29.92								X	
			20 - 21.5	26.42 to 24.92								X	
			25 - 26.5	21.42 to 19.92								X	
MBB-12	33.69	3/4/2020	15 - 16.5	18.69 to 17.19								X	
			20 - 21.5	13.69 to 12.19								X	
			25 - 26.5	8.69 to 7.19								X	
MBB-13	35.98	3/4/2020	15 - 16.5	20.98 to 19.48								X	
			20 - 21.5	15.98 to 14.48								X	
			25 - 26.5	10.98 to 9.48								X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MBB-14	47.15	3/3/2020	5 - 6.5	42.15 to 40.65		X		X	X				
			10 - 11.5	37.15 to 35.65		X		X	X				
			15 - 16.5	32.15 to 30.65		X		X	X				
			20 - 21.5	27.15 to 25.65		X		X	X				
			25 - 26.5	22.15 to 20.65		X		X	X				
MBB-15	37.73	3/4/2020	5 - 6.5	32.73 to 31.23		X		X	X				
			10 - 11.5	27.73 to 26.23		X		X	X				
			15 - 16.5	22.73 to 21.23		X		X	X				
			20 - 21.5	17.73 to 16.23		X		X	X				
			25 - 26.5	12.73 to 11.23		X		X	X				
MBB-16	53.70	9/2/2020	5 - 5.5	48.70 to 48.20	X	X	X	X		X	X	X	X
			10 - 11.5	43.70 to 42.20	X	X	X	X		X	X	X	X
			15 - 15.5	38.70 to 38.20	X	X	X	X		X	X	X	X
			20 - 20.9	33.70 to 32.80	X	X	X	X		X	X	X	X
MBB-17	54.88	9/1/2020	5 - 6	49.88 to 48.88	X	X	X	X		X	X	X	X
			10 - 10.75	44.88 to 44.13	X	X	X	X		X	X	X	X
			15 - 16	39.88 to 38.88	X	X	X	X		X	X	X	X
			25 - 25.9	29.88 to 28.98	X	X	X	X		X	X	X	X
MBB-18	51.33	9/1/2020	5 - 6.5	46.33 to 44.83	X	X	X	X		X	X	X	X
			10 - 10.9	41.33 to 40.43	X	X	X	X		X	X	X	X
			15 - 16.4	36.33 to 34.93	X	X	X	X		X	X	X	X
			20 - 20.75	31.33 to 30.58	X	X	X	X		X	X	X	X
MBB-19	51.68	9/1/2020	5 - 5.8	46.68 to 45.88	X	X	X	X		X	X	X	X
			10 - 11	41.68 to 40.68	X	X	X	X		X	X	X	X
			15 - 15.4	36.68 to 36.28	X	X	X	X		X	X	X	X
			20 - 20.8	31.68 to 30.88	X	X	X	X		X	X	X	X
MBB-20	47.53	9/2/2020	5 - 6.5	42.53 to 41.03	X	X	X	X		X	X	X	X
			10 - 11.5	37.53 to 36.03	X	X	X	X		X	X	X	X
			15 - 16.33	32.53 to 31.2	X	X	X	X		X	X	X	X
			20 - 20.5	27.53 to 27.03	X	X	X	X		X	X	X	X
MBB-21	47.60	9/2/2020	5 - 5.8	42.60 to 41.80	X	X	X	X		X	X	X	X
			10 - 11.5	37.60 to 36.10	X	X	X	X		X	X	X	X
			15 - 15.9	32.60 to 31.70	X	X	X	X		X	X	X	X
			20 - 20.9	27.60 to 26.70	X	X	X	X		X	X	X	X
MBB-22	42.05	9/21/2020	5 - 6	37.05 to 36.05	X	X	X	X		X	X	X	X
			15 - 16.25	27.05 to 25.8	X	X	X	X		X	X	X	X
			20 - 21.3	22.05 to 20.75	X	X	X	X		X	X	X	X
			25 - 26.3	17.05 to 15.75	X	X	X	X		X	X	X	X
			30 - 30.5	12.05 to 11.55	X	X	X	X		X	X	X	X
MBB-23	47.18	9/21/2020	5 - 6.2	42.18 to 40.98	X	X	X	X		X	X	X	X
			10 - 11.1	37.18 to 36.08	X	X	X	X		X	X	X	X
			15 - 16.25	32.18 to 30.93	X	X	X	X		X	X	X	X
			20 - 21.3	27.18 to 25.88	X	X	X	X		X	X	X	X
			25 - 26	22.18 to 21.18	X	X	X	X		X	X	X	X
			30 - 31	17.18 to 16.18	X	X	X	X		X	X	X	X

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MBB-24	54.10	9/9/2020	5 - 6.5	49.10 to 47.60	X	X	X	X		X	X	X	X
			10 - 11.4	44.10 to 42.70	X	X	X	X		X	X	X	X
			15 - 16.5	39.10 to 37.60	X	X	X	X		X	X	X	X
			20 - 21	34.10 to 33.10	X	X	X	X		X	X	X	X
			25 - 25.8	29.10 to 28.30	X	X	X	X		X	X	X	X
			30 - 31	24.10 to 23.10	X	X	X	X		X	X	X	X
MBB-25	58.63	10/30/2020	5 - 5.5	53.63 to 53.13				X					
			9.5 - 10.5	49.13 to 48.13				X					
			14.5 - 15.4	44.13 to 43.23				X					
			19.5 - 20.5	39.13 to 38.13				X					
			24.5 - 25.5	34.13 to 33.13				X					
			29.5 - 30.5	29.13 to 28.13				X					
			34.5 - 35.5	24.13 to 23.13				X					
			39.5 - 40	19.13 to 18.63				X					
MBB-26	58.79	10/29/2020	5.25 - 5.5	53.54 to 53.29				X	X				
			9.5 - 10.5	49.29 to 48.29				X	X				
			14.5 - 15.5	44.29 to 43.29				X	X				
			19.5 - 20.5	39.29 to 38.29				X	X				
			24.5 - 25.5	34.29 to 33.29				X	X				
			29.5 - 30.5	29.29 to 28.29				X	X				
			34.5 - 35.5	24.29 to 23.29				X	X				
			39.5 - 40	19.29 to 18.79				X	X				
MBGW-1	39.95	3/6/2019	4 - 5	35.95 to 34.95	X	X	X			X	X	X	
			12.5 - 13.5	27.45 to 26.45			X			X	X		
			17 - 18	22.95 to 21.95	X	X	X			X	X	X	
			23.5 - 25	16.45 to 14.95	X	X	X	X	X	X	X		
			28 - 30	11.95 to 9.95			X			X	X		
MBGW-2	46.11	3/4/2019	5 - 6.5	41.11 to 39.61	X	X							
			10 - 11.5	36.11 to 34.61	X	X	X			X	X		
			12.5 - 14	33.61 to 32.11	X	X	X			X	X	X	
			25 - 26.5	21.11 to 19.61	X	X	X	X	X	X	X	X	
			30 - 31.5	16.11 to 14.61	X	X	X	X	X	X	X	X	
MBGW-3	47.77	3/7/2019	4 - 5	43.77 to 42.77	X	X							
			7 - 8	40.77 to 39.77	X	X	X			X	X	X	
			9 - 10	38.77 to 37.77	X	X	X			X	X		
			12 - 13	35.77 to 34.77	X	X	X	X	X	X	X	X	
			24 - 25	23.77 to 22.77	X	X	X			X	X	X	
			25 - 26	22.77 to 21.77	X	X	X	X	X	X	X		
			26	21.77	X	X	X	X	X	X	X		
MBGW-4	47.30	3/6/2019	2 - 3	45.30 to 44.30								X	
			4 - 5	43.30 to 42.30	X	X						X	
			7 - 8	40.30 to 39.30	X	X	X			X	X	X	
			9 - 10	38.30 to 37.30			X			X	X		
			12 - 13	35.30 to 34.30	X	X	X			X	X		
			24 - 25	23.30 to 22.30	X	X	X			X	X	X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MBGW-5	49.87	3/11/2019	10 - 11	39.87 to 38.87	X	X	X			X	X		
			15 - 16.5	34.87 to 33.37	X	X	X			X	X		
			20 - 21	29.87 to 28.87			X			X	X		
			27.5 - 29	22.37 to 20.87	X	X	X			X	X	X	
			45 - 46.5	4.87 to 3.37	X	X	X			X	X		
MBGW-6	52.50	3/14/2019	10 - 10.7	42.5 to 41.8	X	X	X			X	X	X	
			15 - 15.7	37.5 to 36.8			X			X	X		
			20 - 20.75	32.5 to 31.75			X			X	X		
			30 - 30.5	22.5 to 22	X	X	X			X	X		
MBGW-7	53.76	3/6/2019	10 - 11.5	43.76 to 42.26								X	
			17.5 - 18.75	36.26 to 35.01								X	
			30 - 30.5	23.76 to 23.26			X			X	X		
			40 - 40.5	13.76 to 13.26								X	
MBGW-8	47.08	3/15/2019	10 - 11.5	37.08 to 35.58	X	X	X			X	X		
			15 - 16.5	32.08 to 30.58			X			X	X		
			25 - 26	22.08 to 21.08	X	X	X			X	X	X	
			35 - 35.7	12.08 to 11.38			X			X	X		
MBGW-9	56.84	3/13/2019	10 - 10.5	46.84 to 46.34	X	X	X			X	X	X	
			15 - 15.8	41.84 to 41.04	X	X	X			X	X		
			20 - 21.25	36.84 to 35.59			X			X	X		
			25 - 25.5	31.84 to 31.34	X	X	X			X	X		
			30 - 31.5	26.84 to 25.34	X	X	X			X	X		
MBGW-10	55.25	3/13/2019	10 - 10.9	45.25 to 44.35	X	X	X			X	X	X	
			15 - 16.2	40.25 to 39.05	X	X	X			X	X		
			20 - 21.25	35.25 to 34			X			X	X		
			25 - 25.7	30.25 to 29.55	X	X	X			X	X		
			30 - 30.8	25.25 to 24.45	X	X	X			X	X		
MBGW-11	57.55	3/12/2019	5 - 6.5	52.55 to 51.05	X	X	X			X	X	X	
			10 - 11	47.55 to 46.55	X	X	X			X	X		
MBGW-12	54.00	3/15/2019	5 - 5.75	49 to 48.25	X	X	X			X	X	X	
			20 - 21	34 to 33			X			X	X		
			25 - 25.5	29 to 28.5	X	X	X			X	X		
			30 - 30.8	24 to 23.2			X			X	X		
MBGW-13	54.72	3/14/2019	5 - 6.5	49.72 to 48.22	X	X	X			X	X		
			7.5 - 8.75	47.22 to 45.97			X			X	X		
			10 - 11.5	44.72 to 43.22	X	X	X			X	X		
			12.5 - 14	42.22 to 40.72			X			X	X		
			15 - 15.8	39.72 to 38.92	X	X	X			X	X		
			20 - 20.6	34.72 to 34.12	X		X			X	X		
MBGW-14	46.09	3/6/2019	9 - 10	37.09 to 36.09	X	X	X			X	X		
			13.5 - 15	32.59 to 31.09			X			X	X		
			18 - 20	28.09 to 26.09	X	X	X			X	X		
			28 - 30	18.09 to 16.09	X	X	X			X	X		
MBGW-15	40.87	3/8/2019	20 - 21.25	20.87 to 19.62								X	

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MBGW-16	52.14	3/8/2019	10 - 10.8	42.14 to 41.34	X	X	X			X	X		
			15 - 16.4	37.14 to 35.74	X	X	X			X	X		
			20 - 20.8	32.14 to 31.34	X								
			30 - 31	22.14 to 21.14	X	X	X			X	X		
MBPP-1	45.28	3/5/2019	8 - 10	37.28 to 35.28								X	
			19 - 20	26.28 to 25.28	X	X	X			X	X		
			24 - 25	21.28 to 20.28	X	X	X			X	X		
MBPP-2	44.46	3/5/2019	9 - 10	35.46 to 34.46	X	X	X			X	X	X	
			19 - 20	25.46 to 24.46	X	X	X			X	X		
			26.5 - 28	17.96 to 16.46	X		X			X	X		
MBPP-3	45.89	3/6/2019	9 - 10	36.89 to 35.89	X	X	X			X	X		
			19 - 20	26.89 to 25.89	X	X	X			X	X		
			24 - 25	21.89 to 20.89	X		X			X	X	X	
MBPP-4	48.34	3/7/2019	2 - 3	46.34 to 45.34			X			X	X		
			9 - 10	39.34 to 38.34	X	X	X			X	X	X	
			14 - 15	34.34 to 33.34			X			X	X		
			16 - 17	32.34 to 31.34			X			X	X		
			17 - 18	31.34 to 30.34	X	X	X			X	X		
MBPP-5	45.92	3/7/2019	8 - 10	37.92 to 35.92	X	X	X			X	X		
			14 - 15	31.92 to 30.92	X	X	X			X	X		
			16.5 - 18	29.42 to 27.92			X			X	X		
			19 - 20	26.92 to 25.92	X		X			X	X		
			24 - 25	21.92 to 20.92	X	X	X			X	X	X	
MBPP-6	52.26	3/8/2019	7 - 8	45.26 to 44.26	X	X	X			X	X		
			9 - 10	43.26 to 42.26	X	X	X			X	X		
			12 - 13	40.26 to 39.26	X	X	X			X	X		
			14 - 15	38.26 to 37.26			X			X	X		
			17 - 18	35.26 to 34.26	X	X	X			X	X		
			19 - 20	33.26 to 32.26			X			X	X		
			24 - 25	28.26 to 27.26			X			X	X		
			29 - 30	23.26 to 22.26	X	X	X			X	X		
MBPP-7	49.77	3/8/2019	4 - 5	45.77 to 44.77	X	X	X			X	X	X	
			14 - 15	35.77 to 34.77			X			X	X		
			22 - 23	27.77 to 26.77	X	X	X			X	X		
MBPP-8	57.52	3/8/2019	9 - 10	48.52 to 47.52	X	X	X			X	X		
			14 - 15	43.52 to 42.52	X	X	X			X	X	X	
			21 - 22.5	36.52 to 35.02			X			X	X		
			29 - 30	28.52 to 27.52	X	X	X			X	X		

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MW-105	45.59	8/6/2012	10	35.59						X	X		
			20	25.59						X	X		
			30	15.59						X	X		
		8/8/2012	40	5.59						X	X		
			50	-4.41						X	X		
		8/9/2012	60	-14.41						X	X		
			70	-24.41						X	X		
			80	-34.41						X	X		
		8/10/2012	90	-44.41						X	X		
			100	-54.41						X	X		
			110	-64.41						X	X		
			120	-74.41						X	X		
			130	-84.41						X	X		
			138	-92.41						X	X		
MW-106	52.90	8/14/2012	10	42.90						X	X		
			20	32.90						X	X		
			30	22.90						X	X		
			40	12.90						X	X		
			50	2.90						X	X		
			60	-7.10						X	X		
		8/15/2012	70	-17.10						X	X		
			80	-27.10						X	X		
			90	-37.10						X	X		
			100	-47.10						X	X		
			110	-57.10						X	X		
			120	-67.10						X	X		
			130	-77.10						X	X		
			140	-87.10						X	X		
MW-114	42.43	12/10/2012	15	27.43						X	X		
			25	17.43						X	X		
			35	7.43						X	X		
			40	2.43						X	X		
			45	-2.57						X	X		
MW-117	57.78	2/4/2013	10	47.78						X	X		
			20	37.78						X	X		
			30	27.78						X	X		
			40	17.78						X	X		
			50	7.78						X	X		
MW-118	54.50	3/21/2013	10	44.50						X	X		
			20	34.50						X	X		
			30	24.50						X	X		
			40	14.50						X	X		
			50	4.50						X	X		

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MW-119	37.66	3/21/2013	10	27.66						X	X		
			20	17.66						X	X		
			30	7.66						X	X		
			40	-2.34						X	X		
MW-140	50.32	8/30/2017	15	35.32			X			X	X		
			25	25.32			X			X	X		
			35	15.32			X			X	X		
			45	5.32			X			X	X		
			55	-4.68			X			X	X		
			65	-14.68			X			X	X		
			75	-24.68			X			X	X		
			90	-39.68			X			X	X		
		8/31/2017	110	-59.68			X			X	X		
			130	-79.68			X			X	X		
			140	-89.68			X			X	X		
MW-147	52.49	4/2/2018	10	42.49			X			X	X		
			20	32.49			X			X	X		
			30	22.49			X			X	X		
			40	12.49			X			X	X		
			50	2.49			X			X	X		
			60	-7.51			X			X	X		
			70	-17.51			X			X	X		
			80	-27.51			X			X	X		
MW-148	44.29	4/9/2018	11	33.29			X			X	X		
			20	24.29			X			X	X		
			30	14.29			X			X	X		
			40	4.29			X			X	X		
			50	-5.71			X			X	X		
			60	-15.71			X			X	X		
			70	-25.71			X			X	X		
			80	-35.71			X			X	X		
MW-153	54.84	3/27/2018	10	44.84			X			X	X		
			20	34.84			X			X	X		
			30	24.84			X			X	X		
			40	14.84			X			X	X		
			50	4.84			X			X	X		
			61	-6.16			X			X	X		
			70	-15.16			X			X	X		
		3/28/2018	80	-25.16			X			X	X		
			90	-35.16			X			X	X		
			110	-55.16			X			X	X		
		3/29/2018	130	-75.16			X			X	X		

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs
MW-316	49.73	9/9/2019	5	44.73			X			X	X		
			10	39.73			X			X	X		
			15	34.73			X			X	X		
			20	29.73			X			X	X		
			25	24.73			X			X	X		
			30	19.73			X			X	X		
			35	14.73			X			X	X		
			40	9.73			X			X	X		
			45	4.73			X			X	X		
			50	-0.27			X			X	X		
			55	-5.27			X			X	X		
			60	-10.27			X			X	X		
		9/10/2019	65	-15.27			X			X	X		
			70	-20.27			X			X	X		
MW-326	41.31	9/9/2019	5	36.31			X			X	X		
			10	31.31			X			X	X		
			15	26.31			X			X	X		
			20	21.31			X			X	X		
			25	16.31			X			X	X		
			30	11.31			X			X	X		
			35	6.31			X			X	X		
			40	1.31			X			X	X		
			45	-3.69			X			X	X		
			50	-8.69			X			X	X		
			55	-13.69			X			X	X		
			60	-18.69			X			X	X		
			65	-23.69			X			X	X		
			70	-28.69			X			X	X		
			75	-33.69			X			X	X		
			80	-38.69			X			X	X		
		9/10/2019	85	-43.69			X			X	X		
			90	-48.69			X			X	X		
			95	-53.69			X			X	X		
			100	-58.69			X			X	X		
GP-7	58.53	5/12/2012	0 - 7	58.53 to 51.53	X		X					X	
			7 - 11	51.53 to 47.53	X		X					X	
GP-8	58.33	5/14/2012	0 - 7	58.33 to 51.33	X		X					X	
			7 - 12	51.33 to 46.33	X		X					X	
GP-9	58.00	5/14/2012	0 - 7	58.00 to 51.00	X		X					X	
		5/14/2012	7 - 14	51.00 to 44.00	X		X					X	
		5/14/2012	14 - 19	44.00 to 39.00	X		X					X	

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Boring ID	Surface Elevation[a] (ft)	Sample Date	Sample Depth (ft)	Sample Elevation[a] (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[b]	VOCs	Metals	PCBs

Notes:

a. Elevations relative to North American Vertical Datum of 1988 (NAVD88).

b. A note on terminology: for the purposes of this report, we use the term CVOCs to refer to the volatile compound tetrachloroethene and its degradation products, trichloroethene, cis- and trans-1,2-dichloroethene, and vinyl chloride. We use the term BTEX to refer to the volatile aromatic compounds benzene, toluene, ethylbenzene, and xylenes. All other volatile organic compounds, including chlorinated compounds such as 1,1,1-trichloroethane and 1,1-dichloroethane, are referred to as VOCs.

Table shows sampling relevant to Seattle DOT Mercer Parcels Site. Other sampling done at American Linen site is presented in PES Environmental (2019).

BTEX = Benzene, toluene, ethylbenzene, and xylenes.

cPAHs = Carcinogenic polycyclic aromatic hydrocarbons.

CVOCs = Chlorinated volatile organic compounds.

DRO = Diesel-range petroleum hydrocarbons.

ft = feet.

GRO = Gasoline-range petroleum hydrocarbons.

HO = Heavy oil-range petroleum hydrocarbons.

PAHs = Polycyclic aromatic hydrocarbons.

PCBs = Polychlorinated biphenyls.

VOCs = Volatile organic compounds.

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TABLE 5-4
SOIL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
21417-MB1	5/12/2017	N	55.43	9	46.43	4.04 U	-	22.2 U	-	55.4 U	55.4 U
21417-MB2	5/12/2017	N	54.72	10	44.72	4.69 U	-	22.6 U	-	56.2 U	56.2 U
21417-MB3	5/12/2017	N	58.63	20	38.63	4.06 U	-	20.9 U	-	**120**	**120**
21417-MB4	5/12/2017	N	57.24	24	33.24	3.43 U	-	23.2 U	-	57.9 U	57.9 U
21417-MB5	5/12/2017	N	51.91	9	42.91	3.29 U	-	20.9 U	-	52.3 U	52.3 U
21417-MB6	5/11/2017	N	48.22	9	39.22	3.4 U	-	19.4 U	-	48.4 U	48.4 U
21417-MB7	5/11/2017	N	47.38	11	36.38	4.09 U	-	18.7 U	-	46.8 U	46.8 U
21417-MB8	5/11/2017	N	45.28	27	18.28	3.81 U	-	20.9 U	-	52.3 U	52.3 U
21417-MB9	5/11/2017	N	39.05	13	26.05	5.91 U	-	25.3 U	-	**206**	**206**
				22	17.05	4.64 U	-	21.3 U	-	**74.3**	**74.3**
21417-MB10	5/11/2017	N	38.08	28	10.08	4.33 U	-	22.2 U	-	55.4 U	55.4 U
21417-MB11	5/11/2017	N	39.04	23	16.04	6.43 U	-	25.7 U	-	64.3 U	64.3 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	22 U	-	54 U	-	108 U	108 U
				25 - 27	24.48 to 22.48	22 U	-	56 U	-	112 U	112 U
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	20 U	-	50 U	-	100 U	100 U
BB-10	8/29/1997	N	57.4	15 - 17	42.40 to 40.40	22 U	-	54 U	-	109 U	109 U
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	3.32 U	-	-	-	-	-
				7 - 11	51.53 to 47.53	4.28 U	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	3.96 U	-	-	-	-	-
				7 - 12	51.33 to 46.33	3.69 U	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	9.21 U	-	-	-	-	-
				7 - 14	51.00 to 44.00	4.2 U	-	-	-	-	-
				14 - 19	44.00 to 39.00	4.05 U	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	5 U	5 U	20 U	20 U	50 U	50 U
				27.5 - 29	10.79 to 9.29	5 U	5 U	20 U	20 U	50 U	50 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	5 U	5 U	20 U	20 U	50 U	50 U
				22.5 - 23.5	24.91 to 23.91	5 U	5 U	20 U	20 U	50 U	50 U
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	-	-	20 U	20 U	50 U	50 U
				22.5 - 23.5	32.52 to 31.52	5 U	-	20 U	20 U	50 U	50 U
				25 - 26	30.02 to 29.02	-	-	20 U	20 U	50 U	50 U
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	5 UJ	5 UJ	**160**	20 U	50 U	**160**
				25 - 26.8	33.70 to 31.90	-	-	20 U	20 U	50 U	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	48.44 to 46.94	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	43.44 to 41.94	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	38.44 to 36.94	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	33.44 to 31.94	5 U	-	50 U	-	250 U	250 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	5 U	-	50 U	-	**500**	**500**
				10 - 11.5	48.58 to 47.08	5 U	-	50 U	-	**440**	**440**
				15 - 16.5	43.58 to 42.08	5 U	-	50 U	-	**470**	**470**
				25 - 26.5	33.58 to 32.08	5 U	-	50 U	-	**490**	**490**
				30 - 31.5	28.58 to 27.08	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	48.65 to 47.15	5 U	-	**67 J**	-	**670**	**737 J**
				15 - 16.5	43.65 to 42.15	5 U	-	**61 J**	-	**600**	**661 J**
				20 - 21.5	38.65 to 37.15	5 U	-	50 U	-	**450**	**450**
				30 - 31.5	28.65 to 27.15	5 U	-	50 U	-	250 U	250 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	5 U	-	**64 J**	-	**740**	**804 J**
		FD		10 - 11.5	48.67 to 47.17	5 U	-	50 U	-	**350**	**350**
						5 U	-	50 U	-	**660**	**660**
		N		15 - 16.5	43.67 to 42.17	5 U	-	**59**	-	**720**	**779**
				20 - 21.5	38.67 to 37.17	5 U	-	50 U	-	**600**	**600**
				25 - 26.5	33.67 to 32.17	5 U	-	50 U	-	250 U	250 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	5 U	-	**69 J**	-	**760**	**829 J**
				10 - 11.5	48.69 to 47.19	5 U	-	**94 J**	-	**860**	**954 J**
				15 - 16.5	43.69 to 42.19	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	38.69 to 37.19	5 U	-	50 U	-	**440**	**440**
				25 - 26.5	33.69 to 32.19	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	5 U	-	**68 J**	-	**520**	**588 J**
				10 - 11.5	47.97 to 46.47	5 U	-	50 U	-	**480**	**480**
				15 - 16.5	42.97 to 41.47	5 U	-	**58 J**	-	**590**	**648 J**
				20 - 21.5	37.97 to 36.47	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	32.97 to 31.47	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	45.32 to 43.82	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	40.32 to 38.82	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	35.32 to 33.82	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	30.32 to 28.82	5 U	-	50 U	-	250 U	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	45.26 to 43.76	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	40.26 to 38.76	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	35.26 to 33.76	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	30.26 to 28.76	5 U	-	50 U	-	250 U	250 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	5 U	-	50 U	-	**1100**	**1100**
				13 - 14.5	42.36 to 40.86	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	40.36 to 38.86	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	35.36 to 33.86	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	30.36 to 28.86	5 U	-	50 U	-	250 U	250 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	5 U	-	50 U	-	250 U	250 U
				14 - 15.5	41.39 to 39.89	5 U	-	50 U	-	250 U	250 U
				17 - 18.5	38.39 to 36.89	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	35.39 to 33.89	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	30.39 to 28.89	5 U	-	50 U	-	250 U	250 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	38.16 to 36.66	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	33.16 to 31.66	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
		N		20 - 21.5	28.16 to 26.66	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	23.16 to 21.66	5 U	-	50 U	-	250 U	250 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	38.21 to 36.71	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
		N		15 - 16.5	33.21 to 31.71	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	28.21 to 26.71	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	23.21 to 21.71	5 U	-	50 U	-	250 U	250 U
HMW-11IB	2/24/2020	N	39.7	5 - 6.5	34.7 to 33.2	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	29.7 to 28.2	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	24.7 to 23.2	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	19.7 to 18.2	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	14.7 to 13.2	5 U	-	50 U	-	250 U	250 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	31.47 to 29.97	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	26.47 to 24.97	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	21.47 to 19.97	5 U	-	50 U	-	250 U	250 U
				31 - 32.5	10.47 to 8.97	5 U	-	50 U	-	250 U	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	5 U	-	50 U	-	250 U	250 U
				10 - 11.25	47.21 to 45.96	5 U	-	50 U	-	250 U	250 U
				15 - 16.33	42.21 to 40.88	5 U	-	50 U	-	250 U	250 U
				20 - 20.75	37.21 to 36.46	5 U	-	50 U	-	250 U	250 U
				25 - 26	32.21 to 31.21	5 U	-	50 U	-	250 U	250 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	47.61 to 46.11	**45**	-	50 U	-	250 U	250 U
				15 - 16.5	42.61 to 41.11	5 U	-	50 U	-	250 U	250 U
				20 - 20.9	37.61 to 36.71	5 U	-	50 U	-	250 U	250 U
				25 - 25.8	32.61 to 31.81	5 U	-	50 U	-	250 U	250 U
				30 - 31	27.61 to 26.61	5 U	-	50 U	-	250 U	250 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	5 U	-	50 U	-	250 U	250 U
				10 - 10.75	48.20 to 47.45	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	43.20 to 41.70	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	38.20 to 36.70	5 U	-	50 U	-	250 U	250 U
				26 - 26.8	32.20 to 31.40	5 U	-	50 U	-	250 U	250 U
				30 - 30.5	28.20 to 27.70	**26**	-	50 U	-	250 U	250 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	43.81 to 42.31	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	38.81 to 37.31	5 U	-	50 U	-	250 U	250 U
				20 - 21.25	33.81 to 32.56	5 U	-	50 U	-	250 U	250 U
				25 - 26.4	28.81 to 27.41	5 U	-	50 U	-	250 U	250 U
				30 - 31	23.81 to 22.81	5 U	-	50 U	-	250 U	250 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	45.02 to 43.52	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	40.02 to 38.52	**7.7**	-	50 U	-	250 U	250 U
				20 - 21.5	35.02 to 33.52	**570**	-	50 U	-	250 U	250 U
				25 - 26.5	30.02 to 28.52	5 U	-	50 U	-	250 U	250 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	45.45 to 43.95	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	40.45 to 38.95	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	35.45 to 33.95	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
		N		25 - 26.5	30.45 to 28.95	5 U	-	50 U	-	250 U	250 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	44.84 to 43.34	**350**	-	50 U	-	250 U	250 U
				15 - 16.5	39.84 to 38.34	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	34.84 to 33.34	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	29.84 to 28.34	**52**	-	50 U	-	250 U	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	5 U	-	50 U	-	250 U	250 U
				10 - 12.5	44.61 to 42.11	5 U	-	50 U	-	250 U	250 U
		FD				**7.3**	-	50 U	-	250 U	250 U
		N		15 - 16.5	39.61 to 38.11	5 U	-	50 U	-	250 U	250 U
				20 - 23	34.61 to 31.61	**210**	-	**140**	-	250 U	**140**
				25 - 26.5	29.61 to 28.11	5 U	-	50 U	-	250 U	250 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	40.53 to 39.03	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	35.53 to 34.03	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	30.53 to 29.03	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	25.53 to 24.03	5 U	-	50 U	-	250 U	250 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	40.33 to 38.83	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	35.33 to 33.83	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	30.33 to 28.83	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	25.33 to 23.83	5 U	-	50 U	-	250 U	250 U
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	39.41 to 37.91	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	34.41 to 32.91	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	29.41 to 27.91	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	24.41 to 22.91	5 U	-	50 U	-	250 U	250 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	39.66 to 38.16	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	34.66 to 33.16	5 U	-	50 U	-	250 U	250 U
		FD				5 U	-	50 U	-	250 U	250 U
		N		20 - 21.5	29.66 to 28.16	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	24.66 to 23.16	5 U	-	50 U	-	250 U	250 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	5 U	-	50 U	-	**320**	**320**
				10 - 11.5	37.55 to 36.05	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	32.55 to 31.05	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	27.55 to 26.05	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	22.55 to 21.05	5 U	-	50 U	-	250 U	250 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	39.66 to 38.16	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	34.66 to 33.16	5 U	-	50 U	-	250 U	250 U
				20 - 21.5	29.66 to 28.16	5 U	-	50 U	-	250 U	250 U
				25 - 26.5	24.66 to 23.16	5 U	-	50 U	-	250 U	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	-	-	50 U	-	250 U	250 U
				10 - 11.5	37.15 to 35.65	-	-	50 U	-	250 U	250 U
				15 - 16.5	32.15 to 30.65	-	-	50 U	-	250 U	250 U
				20 - 21.5	27.15 to 25.65	-	-	50 U	-	250 U	250 U
				25 - 26.5	22.15 to 20.65	-	-	50 U	-	250 U	250 U
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	-	-	50 U	-	250 U	250 U
				10 - 11.5	27.73 to 26.23	-	-	50 U	-	250 U	250 U
				15 - 16.5	22.73 to 21.23	-	-	50 U	-	250 U	250 U
				20 - 21.5	17.73 to 16.23	-	-	50 U	-	250 U	250 U
				25 - 26.5	12.73 to 11.23	-	-	50 U	-	250 U	250 U
MBB-16	9/2/2020	N	53.7	5 - 5.5	48.70 to 48.20	**1200**	-	**350 J**	-	250 U	**350 J**
				10 - 11.5	43.70 to 42.20	**200**	-	50 U	-	250 U	250 U
				15 - 15.5	38.70 to 38.20	**20**	-	50 U	-	250 U	250 U
				20 - 20.9	33.70 to 32.80	5 U	-	50 U	-	250 U	250 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	5 U	-	50 U	-	250 U	250 U
				10 - 10.75	44.88 to 44.13	5 U	-	50 U	-	250 U	250 U
				15 - 16	39.88 to 38.88	5 U	-	50 U	-	250 U	250 U
				25 - 25.9	29.88 to 28.98	5 U	-	50 U	-	250 U	250 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	5 U	-	50 U	-	250 U	250 U
				10 - 10.9	41.33 to 40.43	5 U	-	50 U	-	250 U	250 U
				15 - 16.4	36.33 to 34.93	5 U	-	50 U	-	250 U	250 U
				20 - 20.75	31.33 to 30.58	5 U	-	50 U	-	250 U	250 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	5 U	-	50 U	-	250 U	250 U
				10 - 11	41.68 to 40.68	5 U	-	50 U	-	250 U	250 U
				15 - 15.4	36.68 to 36.28	5 U	-	50 U	-	250 U	250 U
				20 - 20.8	31.68 to 30.88	5 U	-	50 U	-	250 U	250 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	37.53 to 36.03	5 U	-	50 U	-	250 U	250 U
				15 - 16.33	32.53 to 31.2	5 U	-	50 U	-	250 U	250 U
				20 - 20.5	27.53 to 27.03	5 U	-	50 U	-	250 U	250 U
MBB-21	9/2/2020	N	47.6	5 - 5.8	42.60 to 41.80	5 U	-	50 U	-	250 U	250 U
				10 - 11.5	37.60 to 36.10	5 U	-	50 U	-	250 U	250 U
				15 - 15.9	32.60 to 31.70	5 U	-	50 U	-	250 U	250 U
				20 - 20.9	27.60 to 26.70	5 U	-	50 U	-	250 U	250 U
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	5 U	-	50 U	-	250 U	250 U
				15 - 16.25	27.05 to 25.8	5 U	-	50 U	-	250 U	250 U
				20 - 21.3	22.05 to 20.75	5 U	-	50 U	-	250 U	250 U
				25 - 26.3	17.05 to 15.75	5 U	-	50 U	-	250 U	250 U
				30 - 30.5	12.05 to 11.55	5 U	-	50 U	-	250 U	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	5 U	-	50 U	-	250 U	250 U
				10 - 11.1	37.18 to 36.08	5 U	-	50 U	-	250 U	250 U
				15 - 16.25	32.18 to 30.93	5 U	-	50 U	-	250 U	250 U
				20 - 21.3	27.18 to 25.88	5 U	-	50 U	-	250 U	250 U
				25 - 26	22.18 to 21.18	5 U	-	50 U	-	250 U	250 U
				30 - 31	17.18 to 16.18	5 U	-	50 U	-	250 U	250 U
MBB-24	9/9/2020	N	54.1	5 - 6.5	49.10 to 47.60	5 U	-	50 U	-	250 U	250 U
				10 - 11.4	44.10 to 42.70	5 U	-	50 U	-	250 U	250 U
				15 - 16.5	39.10 to 37.60	5 U	-	50 U	-	250 U	250 U
				20 - 21	34.10 to 33.10	5 U	-	50 U	-	250 U	250 U
				25 - 25.8	29.10 to 28.30	5 U	-	50 U	-	250 U	250 U
				30 - 31	24.10 to 23.10	5 U	-	50 U	-	250 U	250 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	5 U	5 U	20 U	20 U	50 U	50 U
				17 - 18	22.95 to 21.95	5 U	5 U	20 U	20 U	50 U	50 U
				23.5 - 25	16.45 to 14.95	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-2	3/4/2019	N	46.11	5 - 6.5	41.11 to 39.61	-	-	20 U	20 U	50 U	50 U
				10 - 11.5	36.11 to 34.61	5 U	5 U	20 U	20 U	50 U	50 U
				12.5 - 14	33.61 to 32.11	5 UJ	5 UJ	20 U	20 U	50 U	50 U
				25 - 26.5	21.11 to 19.61	5 UJ	5 UJ	20 U	20 U	50 U	50 U
				30 - 31.5	16.11 to 14.61	5 UJ	5 UJ	20 U	20 U	50 U	50 U
MBGW-3	3/7/2019	N	47.77	4 - 5	43.77 to 42.77	-	-	20 U	20 U	50 U	50 U
				7 - 8	40.77 to 39.77	5 U	5 U	20 U	20 U	50 U	50 U
				9 - 10	38.77 to 37.77	5 U	5 U	20 U	20 U	50 U	50 U
				12 - 13	35.77 to 34.77	5 U	5 U	20 U	20 U	50 U	50 U
				24 - 25	23.77 to 22.77	-	-	20 U	20 U	50 U	50 U
				25 - 26	22.77 to 21.77	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-4	3/6/2019	N	47.30	4 - 5	43.30 to 42.30	-	-	**29**	20 U	50 U	**29**
				7 - 8	40.30 to 39.30	5 U	5 U	20 U	20 U	50 U	50 U
				12 - 13	35.30 to 34.30	5 U	5 U	20 U	20 U	50 U	50 U
				24 - 25	23.30 to 22.30	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	5 U	5 U	20 U	20 U	50 U	50 U
				15 - 16.5	34.87 to 33.37	5 U	5 U	20 U	20 U	50 U	50 U
				27.5 - 29	22.37 to 20.87	5 U	5 U	20 U	20 U	50 U	50 U
				45 - 46.5	4.87 to 3.37	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.50 to 41.80	5 U	5 U	20 U	20 U	50 U	50 U
				30 - 30.5	22.50 to 22.00	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	5 U	5 U	20 U	20 U	50 U	50 U
				25 - 26	22.08 to 21.08	5 U	5 U	20 U	20 U	50 U	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	5 U	5 U	20 U	20 U	50 U	50 U
				15 - 15.8	41.84 to 41.04	5 U	5 U	20 U	20 U	50 U	50 U
				25 - 25.5	31.84 to 31.34	5 U	5 U	20 U	20 U	50 U	50 U
				30 - 31.5	26.84 to 25.34	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	5 U	5 U	20 U	20 U	50 U	50 U
				15 - 16.2	40.25 to 39.05	5 U	5 U	20 U	20 U	50 U	50 U
				25 - 25.7	30.25 to 29.55	5 U	5 U	20 U	20 U	50 U	50 U
				30 - 30.8	25.25 to 24.45	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	5 U	5 U	20 U	20 U	50 U	50 U
				10 - 11	47.55 to 46.55	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49.00 to 48.25	5 U	5 U	20 U	20 U	50 U	50 U
				25 - 25.5	29.00 to 28.50	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	5 U	5 U	20 U	20 U	50 U	50 U
				10 - 11.5	44.72 to 43.22	**730 J**	5 UJ	20 U	20 U	50 U	50 U
				15 - 15.8	39.72 to 38.92	**16**	5 U	20 U	20 U	50 U	50 U
				20 - 20.6	34.72 to 34.12	5 U	5 U	-	-	-	-
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	5 U	5 U	20 U	20 U	50 U	50 U
				18 - 20	28.09 to 26.09	5 U	5 U	20 U	20 U	50 U	50 U
				28 - 30	18.09 to 16.09	5 U	5 U	20 U	20 U	50 U	50 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	5 U	5 U	20 U	20 U	50 U	50 U
				15 - 16.4	37.14 to 35.74	-	-	20 U	20 U	50 U	50 U
				20 - 20.8	32.14 to 31.34	5 U	5 U	-	-	-	-
				30 - 31	22.14 to 21.14	5 U	5 U	20 U	20 U	50 U	50 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	5 UJ	5 UJ	20 U	20 U	50 U	50 U
				24 - 25	21.28 to 20.28	5 UJ	5 UJ	20 U	20 U	50 U	50 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	5 UJ	5 UJ	20 U	20 U	50 U	50 U
				19 - 20	25.46 to 24.46	5 UJ	5 UJ	20 U	20 U	50 U	50 U
				26.5 - 28	17.96 to 16.46	5 UJ	5 UJ	-	-	-	-
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	5 U	5 U	20 U	20 U	50 U	50 U
				19 - 20	26.89 to 25.89	-	-	20 U	20 U	50 U	50 U
				24 - 25	21.89 to 20.89	5 U	5 U	-	-	-	-
MBPP-4	3/7/2019	N	48.34	9 - 10	39.34 to 38.34	5 U	5 U	20 U	20 U	50 U	50 U
				17 - 18	31.34 to 30.34	5 U	5 U	20 U	20 U	50 U	50 U
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	5 U	5 U	20 U	20 U	50 U	50 U
				14 - 15	31.92 to 30.92	5 U	5 U	20 U	20 U	50 U	50 U
				19 - 20	26.92 to 25.92	5 U	5 U	-	-	-	-
				24 - 25	21.92 to 20.92	5 U	5 U	20 U	20 U	50 U	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DX NWTPH-HCID
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	5 U	5 U	20 U	20 U	50 U	50 U
				9 - 10	43.26 to 42.26	5 U	5 U	20 U	20 U	50 U	50 U
				12 - 13	40.26 to 39.26	5 U	5 U	20 U	20 U	50 U	50 U
				17 - 18	35.26 to 34.26	5 U	5 U	20 U	20 U	50 U	50 U
				29 - 30	23.26 to 22.26	5 U	5 U	20 U	20 U	50 U	50 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	5 U	5 U	20 U	20 U	50 U	50 U
				22 - 23	27.77 to 26.77	5 U	5 U	20 U	20 U	50 U	50 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	5 U	5 U	20 U	20 U	50 U	50 U
				14 - 15	43.52 to 42.52	5 U	5 U	20 U	20 U	**150**	**150**
				29 - 30	28.52 to 27.52	5 U	5 U	20 U	20 U	50 U	50 U

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

U = Not detected at detection limit indicated.

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TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno (1,2,3-cd) pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
21417-MB2	5/12/2017	N	54.72	1	53.72	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0322 U
21417-MB3	5/12/2017	N	58.63	1	57.63	**0.0393**	**0.0399**	**0.0505**	0.0382 U	**0.0462**	0.0382 U	0.0382 U	**0.0551**
HMW-4IA	3/7/2019	N	58.70	7.5	51.20	**1.5**	0.1 U	**1.17**	0.1 U	**2.3**	0.1 U	0.1 U	**0.36**
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	48.44 to 46.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	43.44 to 41.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	38.44 to 36.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	33.44 to 31.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	**0.085**	**0.076**	**0.11**	0.05 U	**0.13**	0.05 U	0.05 U	**0.098**
				10 - 11.5	48.58 to 47.08	**0.083**	**0.064**	**0.088**	0.05 U	**0.11**	0.05 U	0.05 U	**0.083**
				15 - 16.5	43.58 to 42.08	**0.066**	0.05 U	**0.066**	0.05 U	**0.092**	0.05 U	0.05 U	**0.017**
				25 - 26.5	33.58 to 32.08	**0.071**	0.05 U	**0.08**	0.05 U	**0.1**	0.05 U	0.05 U	**0.019**
				30 - 31.5	28.58 to 27.08	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	**0.051**	0.05 U	**0.058**	0.05 U	**0.072**	0.05 U	0.05 U	**0.014**
				10 - 11.5	48.65 to 47.15	**0.082**	**0.06**	**0.086**	0.05 U	**0.1**	0.05 U	0.05 U	**0.079**
				15 - 16.5	43.65 to 42.15	**0.089**	**0.065**	**0.08**	0.05 U	**0.12**	0.05 U	0.05 U	**0.084**
				20 - 21.5	38.65 to 37.15	0.05 U	0.05 U	0.05 U	0.05 U	**0.065**	0.05 U	0.05 U	**0.0036**
				30 - 31.5	28.65 to 27.15	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	**0.068**	0.05 U	**0.06**	0.05 U	**0.087**	0.05 U	0.05 U	**0.016**
				10 - 11.5	48.67 to 47.17	**0.068**	**0.051**	**0.068**	0.05 U	**0.088**	0.05 U	0.05 U	**0.067**
				15 - 16.5	43.67 to 42.17	**0.084**	**0.057**	**0.069**	0.05 U	**0.1**	0.05 U	0.05 U	**0.075**
				20 - 21.5	38.67 to 37.17	0.05 U	0.05 U	**0.057**	0.05 U	**0.071**	0.05 U	0.05 U	**0.0092**
				25 - 26.5	33.67 to 32.17	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	**0.085**	**0.068**	**0.099**	0.05 U	**0.13**	0.05 U	0.05 U	**0.089**
				10 - 11.5	48.69 to 47.19	**0.06**	0.05 U	**0.072**	0.05 U	**0.088**	0.05 U	0.05 U	**0.017**
				15 - 16.5	43.69 to 42.19	**0.76**	**0.29**	**0.59**	**0.17**	**0.75**	0.05 U	**0.051**	**0.44**
				20 - 21.5	38.69 to 37.19	**0.052**	0.05 U	**0.074**	0.05 U	**0.085**	0.05 U	0.05 U	**0.016**
				25 - 26.5	33.69 to 32.19	**0.088**	**0.054**	**0.066**	0.05 U	**0.12**	0.05 U	0.05 U	**0.072**
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	**0.086**	**0.066**	**0.094**	0.05 U	**0.12**	0.05 U	0.05 U	**0.086**
				10 - 11.5	47.97 to 46.47	**0.11**	**0.085**	**0.11**	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**
				15 - 16.5	42.97 to 41.47	**0.093**	**0.063**	**0.09**	0.05 U	**0.12**	0.05 U	0.05 U	**0.084**
				20 - 21.5	37.97 to 36.47	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.003 U
				25 - 26.5	32.97 to 31.47	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U

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						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno (1,2,3-cd) pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analytical Method						SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.25	47.21 to 45.96	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				15 - 16.33	42.21 to 40.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 20.75	37.21 to 36.46	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26	32.21 to 31.21	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.5	47.61 to 46.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				15 - 16.5	42.61 to 41.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 20.9	37.61 to 36.71	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 25.8	32.61 to 31.81	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				30 - 31	27.61 to 26.61	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 10.75	48.20 to 47.45	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	43.20 to 41.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 21.5	38.20 to 36.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				26 - 26.8	32.20 to 31.40	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				30 - 30.5	28.20 to 27.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.5	43.81 to 42.31	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	38.81 to 37.31	**0.011**	0.01 U	0.01 U	0.01 U	**0.011**	0.01 U	0.01 U	**0.0016**
				20 - 21.25	33.81 to 32.56	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				25 - 26.4	28.81 to 27.41	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				30 - 31	23.81 to 22.81	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	45.02 to 43.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	40.02 to 38.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	35.02 to 33.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	30.02 to 28.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	45.45 to 43.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	40.45 to 38.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	35.45 to 33.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		N		25 - 26.5	30.45 to 28.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	44.84 to 43.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	39.84 to 38.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	34.84 to 33.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	29.84 to 28.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U

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						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno (1,2,3-cd) pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analytical Method						SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 12.5	44.61 to 42.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		N		15 - 16.5	39.61 to 38.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 23	34.61 to 31.61	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	29.61 to 28.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	0.05 U	0.05 U	0.05 U	0.05 U	**0.058**	0.05 U	0.05 U	0.0036 U
				10 - 11.5	37.15 to 35.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	32.15 to 30.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	27.15 to 25.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	22.15 to 20.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	27.73 to 26.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	22.73 to 21.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	17.73 to 16.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	12.73 to 11.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11.5	43.70 to 42.20	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 15.5	38.70 to 38.20	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.9	33.70 to 32.80	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 10.75	44.88 to 44.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16	39.88 to 38.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				25 - 25.9	29.88 to 28.98	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 10.9	41.33 to 40.43	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				15 - 16.4	36.33 to 34.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.75	31.33 to 30.58	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11	41.68 to 40.68	0.05 U	0.05 U	**0.064**	0.05 U	**0.05**	0.05 U	0.05 U	**0.0087**
				15 - 15.4	36.68 to 36.28	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.8	31.68 to 30.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11.5	37.53 to 36.03	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				15 - 16.33	32.53 to 31.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.5	27.53 to 27.03	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.5	37.60 to 36.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 15.9	32.60 to 31.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.9	27.60 to 26.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U

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						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	**0.2**	**0.33**	**0.33**	**0.13**	**0.31**	0.05 U	**0.24**	**0.42**
				15 - 16.25	27.05 to 25.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 21.3	22.05 to 20.75	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26.3	17.05 to 15.75	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				30 - 30.5	12.05 to 11.55	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.1	37.18 to 36.08	**1**	**1.8**	**2.3**	**0.77**	**1.7**	**0.22**	**1.1**	**2.4**
				15 - 16.25	32.18 to 30.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 21.3	27.18 to 25.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26	22.18 to 21.18	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				30 - 31	17.18 to 16.18	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.4	44.10 to 42.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	39.10 to 37.60	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 21	34.10 to 33.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				25 - 25.8	29.10 to 28.30	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				30 - 31	24.10 to 23.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-25	10/30/2020	N	58.63	5 - 5.5	53.63 to 53.13	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				9.5 - 10.5	49.13 to 48.13	**0.091**	**0.07**	**0.091**	0.05 U	**0.095**	0.05 U	0.05 U	**0.09**
				14.5 - 15.4	44.13 to 43.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				19.5 - 20.5	39.13 to 38.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
		N		24.5 - 25.5	34.13 to 33.13	**0.25**	**0.24**	**0.28**	**0.12**	**0.28**	0.05 U	**0.13**	**0.32**
				29.5 - 30.5	29.13 to 28.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				34.5 - 35.5	24.13 to 23.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				39.5 - 40	19.13 to 18.63	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-26	10/29/2020	N	58.79	5.25 - 5.5	53.54 to 53.29	0.01 U	**0.011**	**0.014**	0.01 U	0.01 U	0.01 U	0.01 U	**0.013**
				9.5 - 10.5	49.29 to 48.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				14.5 - 15.5	44.29 to 43.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				19.5 - 20.5	39.29 to 38.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				24.5 - 25.5	34.29 to 33.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				29.5 - 30.5	29.29 to 28.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
		N		34.5 - 35.5	24.29 to 23.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				39.5 - 40	19.29 to 18.79	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBGW-1	3/6/2019	N	39.95	23.5 - 25	16.45 to 14.95	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
MBGW-2	3/4/2019	N	46.11	25 - 26.5	21.11 to 19.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
				30 - 31.5	16.11 to 14.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
MBGW-3	3/7/2019	N	47.77	12 - 13	35.77 to 34.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
				25 - 26	22.77 to 21.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U

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TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
21417-MB2	5/12/2017	N	54.72	1	53.72	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U
21417-MB3	5/12/2017	N	58.63	1	57.63	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	**0.0981**	0.0382 U	0.0382 U	**0.0455**	**0.0939**
HMW-4IA	3/7/2019	N	58.70	7.5	51.20	0.1 U	0.1 U	**1.06**	**0.37**	0.1 U	0.1 U	**4.68**	0.1 U	0.1 U	**1.97**	**4.41**
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	48.44 to 46.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	43.44 to 41.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	38.44 to 36.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	33.44 to 31.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.21**	0.05 U	0.05 U	**0.099**	**0.24**
				10 - 11.5	48.58 to 47.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.24**	0.05 U	0.05 U	**0.3**	**0.27**
				15 - 16.5	43.58 to 42.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.18**	0.05 U	0.05 U	**0.14**	**0.21**
				25 - 26.5	33.58 to 32.08	-	-	0.05 U	0.05 U	**0.077**	0.05 U	**0.29**	0.05 U	0.05 U	**0.23**	**0.29**
				30 - 31.5	28.58 to 27.08	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**	**0.15**
				10 - 11.5	48.65 to 47.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.2**	0.05 U	0.05 U	**0.23**	**0.22**
				15 - 16.5	43.65 to 42.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.27**	0.05 U	0.05 U	**0.11**	**0.28**
				20 - 21.5	38.65 to 37.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**	**0.14**
				30 - 31.5	28.65 to 27.15	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.17**	0.05 U	0.05 U	**0.14**	**0.22 J**
				10 - 11.5	48.67 to 47.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.2**	0.05 U	0.05 U	**0.21**	**0.22 J**
				15 - 16.5	43.67 to 42.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.22**	0.05 U	0.05 U	**0.11**	**0.28 J**
				20 - 21.5	38.67 to 37.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.12**	0.05 U	0.05 U	**0.095**	**0.15 J**
				25 - 26.5	33.67 to 32.17	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	-	-	**0.055**	0.05 U	**0.05**	0.05 U	**0.26**	0.05 U	0.05 U	**0.31**	**0.3**
				10 - 11.5	48.69 to 47.19	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.18**	0.05 U	0.05 U	**0.079**	**0.21**
				15 - 16.5	43.69 to 42.19	-	-	0.05 U	0.05 U	**0.057**	0.05 U	**1.3**	0.05 U	0.05 U	**0.12**	**1.4**
				20 - 21.5	38.69 to 37.19	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.16**	0.05 U	0.05 U	**0.065**	**0.16**
				25 - 26.5	33.69 to 32.19	-	-	0.05 U	0.05 U	**0.13**	0.05 U	**0.26**	0.05 U	0.05 U	**0.18**	**0.24**
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.25**	0.05 U	0.05 U	**0.32**	**0.27**
				10 - 11.5	47.97 to 46.47	-	-	**0.05**	0.05 U	**0.061**	0.05 U	**0.29**	0.05 U	0.05 U	**0.4**	**0.37**
				15 - 16.5	42.97 to 41.47	-	-	**0.058**	0.05 U	**0.09**	0.05 U	**0.34**	0.05 U	0.05 U	**0.7**	**0.36**
				20 - 21.5	37.97 to 36.47	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.056**	0.05 U	0.05 U	**0.055**	**0.074**
				25 - 26.5	32.97 to 31.47	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Analytical Method		SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.25	47.21 to 45.96	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.33	42.21 to 40.88	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.75	37.21 to 36.46	-	-	-	-	-	-	-	-	-	-	-
				25 - 26	32.21 to 31.21	-	-	-	-	-	-	-	-	-	-	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	47.61 to 46.11	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	42.61 to 41.11	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	37.61 to 36.71	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.8	32.61 to 31.81	-	-	-	-	-	-	-	-	-	-	-
				30 - 31	27.61 to 26.61	-	-	-	-	-	-	-	-	-	-	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.75	48.20 to 47.45	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	43.20 to 41.70	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.5	38.20 to 36.70	-	-	-	-	-	-	-	-	-	-	-
				26 - 26.8	32.20 to 31.40	-	-	-	-	-	-	-	-	-	-	-
				30 - 30.5	28.20 to 27.70	-	-	-	-	-	-	-	-	-	-	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	43.81 to 42.31	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	38.81 to 37.31	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.25	33.81 to 32.56	-	-	-	-	-	-	-	-	-	-	-
				25 - 26.4	28.81 to 27.41	-	-	-	-	-	-	-	-	-	-	-
				30 - 31	23.81 to 22.81	-	-	-	-	-	-	-	-	-	-	-
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	45.02 to 43.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	40.02 to 38.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	35.02 to 33.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.024**	0.01 U	0.01 U
				25 - 26.5	30.02 to 28.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	45.45 to 43.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	40.45 to 38.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	35.45 to 33.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		FD				-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		25 - 26.5	30.45 to 28.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	44.84 to 43.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	39.84 to 38.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	34.84 to 33.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	29.84 to 28.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.092**	0.01 U	0.01 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analytical Method						SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 12.5	44.61 to 42.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.011**	0.01 U	0.01 U
		FD				-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		15 - 16.5	39.61 to 38.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 23	34.61 to 31.61	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.74**	0.01 U	0.01 U
				25 - 26.5	29.61 to 28.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.11**	0.05 U	0.05 U	**0.09**	**0.12 J**
				10 - 11.5	37.15 to 35.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	**0.016**	0.01 U	**0.028**	**0.015**	**0.018**
				15 - 16.5	32.15 to 30.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	27.15 to 25.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	22.15 to 20.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.01**
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	27.73 to 26.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	22.73 to 21.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	17.73 to 16.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	12.73 to 11.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	43.70 to 42.20	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.5	38.70 to 38.20	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	33.70 to 32.80	-	-	-	-	-	-	-	-	-	-	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.75	44.88 to 44.13	-	-	-	-	-	-	-	-	-	-	-
				15 - 16	39.88 to 38.88	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.9	29.88 to 28.98	-	-	-	-	-	-	-	-	-	-	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.9	41.33 to 40.43	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.4	36.33 to 34.93	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.75	31.33 to 30.58	-	-	-	-	-	-	-	-	-	-	-
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	-	-	-	-	-	-	-	-	-	-	-
				10 - 11	41.68 to 40.68	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.4	36.68 to 36.28	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.8	31.68 to 30.88	-	-	-	-	-	-	-	-	-	-	-
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	37.53 to 36.03	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.33	32.53 to 31.2	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.5	27.53 to 27.03	-	-	-	-	-	-	-	-	-	-	-
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	37.60 to 36.10	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.9	32.60 to 31.70	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	27.60 to 26.70	-	-	-	-	-	-	-	-	-	-	-

Public Review Draft

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analytical Method						SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.25	27.05 to 25.8	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.3	22.05 to 20.75	-	-	-	-	-	-	-	-	-	-	-
				25 - 26.3	17.05 to 15.75	-	-	-	-	-	-	-	-	-	-	-
				30 - 30.5	12.05 to 11.55	-	-	-	-	-	-	-	-	-	-	-
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.1	37.18 to 36.08	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.25	32.18 to 30.93	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.3	27.18 to 25.88	-	-	-	-	-	-	-	-	-	-	-
				25 - 26	22.18 to 21.18	-	-	-	-	-	-	-	-	-	-	-
				30 - 31	17.18 to 16.18	-	-	-	-	-	-	-	-	-	-	-
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.4	44.10 to 42.70	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	39.10 to 37.60	-	-	-	-	-	-	-	-	-	-	-
				20 - 21	34.10 to 33.10	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.8	29.10 to 28.30	-	-	-	-	-	-	-	-	-	-	-
				30 - 31	24.10 to 23.10	-	-	-	-	-	-	-	-	-	-	-
MBB-25	10/30/2020	N	58.63	5 - 5.5	53.63 to 53.13	-	-	-	-	-	-	-	-	-	-	-
				9.5 - 10.5	49.13 to 48.13	-	-	-	-	-	-	-	-	-	-	-
				14.5 - 15.4	44.13 to 43.23	-	-	-	-	-	-	-	-	-	-	-
				19.5 - 20.5	39.13 to 38.13	-	-	-	-	-	-	-	-	-	-	-
		FD				-	-	-	-	-	-	-	-	-	-	-
		N		24.5 - 25.5	34.13 to 33.13	-	-	-	-	-	-	-	-	-	-	-
				29.5 - 30.5	29.13 to 28.13	-	-	-	-	-	-	-	-	-	-	-
				34.5 - 35.5	24.13 to 23.13	-	-	-	-	-	-	-	-	-	-	-
				39.5 - 40	19.13 to 18.63	-	-	-	-	-	-	-	-	-	-	-
MBB-26	10/29/2020	N	58.79	5.25 - 5.5	53.54 to 53.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				9.5 - 10.5	49.29 to 48.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				14.5 - 15.5	44.29 to 43.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				19.5 - 20.5	39.29 to 38.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				24.5 - 25.5	34.29 to 33.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				29.5 - 30.5	29.29 to 28.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		34.5 - 35.5	24.29 to 23.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				39.5 - 40	19.29 to 18.79	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBGW-1	3/6/2019	N	39.95	23.5 - 25	16.45 to 14.95	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MBGW-2	3/4/2019	N	46.11	25 - 26.5	21.11 to 19.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
				30 - 31.5	16.11 to 14.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MBGW-3	3/7/2019	N	47.77	12 - 13	35.77 to 34.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
				25 - 26	22.77 to 21.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Analytical Method						SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM	SW8270E SW8270SIM SW8270ESIM

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

Cpahs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

U = Not detected at detection limit indicated.

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TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0242 U	0.0162 U	0.0162 U	0.0242 U	0.0162 U	0.0404 U	0.0162 U	0.0162 U	0.0162 U	-	0.0404 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0281 U	0.0187 U	0.0187 U	0.0281 U	0.0187 U	0.0469 U	0.0187 U	0.0187 U	0.0187 U	-	0.0469 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0244 U	0.0162 U	0.0162 U	0.0244 U	0.0162 U	0.0406 U	0.0162 U	0.0162 U	0.0162 U	-	0.0406 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0206 U	0.0137 U	0.0137 U	0.0206 U	0.0137 U	0.0343 U	0.0137 U	0.0137 U	0.0137 U	-	0.0343 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0198 U	0.0132 U	0.0132 U	0.0198 U	0.0132 U	0.0329 U	0.0132 U	0.0132 U	0.0132 U	-	0.0329 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0204 U	0.0136 U	0.0136 U	0.0204 U	0.0136 U	0.034 U	0.0136 U	0.0136 U	0.0136 U	-	0.034 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0245 U	0.0163 U	0.0163 U	0.0245 U	0.0163 U	0.0409 U	0.0163 U	0.0163 U	0.0163 U	-	0.0409 U
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0229 U	0.0152 U	0.0152 U	0.0229 U	0.0152 U	0.0381 U	0.0152 U	0.0152 U	0.0152 U	-	0.0381 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0355 U	0.0237 U	0.0237 U	0.0355 U	0.0237 U	0.0591 U	0.0237 U	0.0237 U	0.0237 U	-	0.0591 U
				22	17.05	0.0279 U	0.0186 U	0.0186 U	0.0279 U	0.0186 U	0.0464 U	0.0186 U	0.0186 U	0.0186 U	-	0.0464 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.026 U	0.0173 U	0.0173 U	0.026 U	0.0173 U	0.0433 U	0.0173 U	0.0173 U	0.0173 U	-	0.0433 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0386 U	0.0257 U	0.0257 U	0.0386 U	0.0257 U	0.0643 U	0.0257 U	0.0257 U	0.0257 U	-	0.0643 U
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U
				25	28.95	-	-	-	-	-	-	-	-	-	-	-
				35	18.95	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00295 U	0.00118 U	0.00118 U
				45	8.95	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00266 U	0.00106 UJ	0.00106 U
				55	-1.05	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00277 U	0.00111 UJ	0.00111 U
				65	-11.05	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	**0.0242 J**	0.0286 U	0.0286 U	0.0715 U	0.0286 UJ	0.0286 U
				75	-21.05	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 UJ	0.0011 U
				85	-31.05	0.00121 U	0.00121 U	0.00121 U	0.00121 UJ	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00301 UJ	0.00121 U	0.00121 U
				95	-41.05	0.0012 U	0.0012 U	0.0012 U	0.0012 UJ	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.00299 UJ	0.0012 U	0.0012 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				27.5 - 29	10.79 to 9.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 30.5	17.41 to 16.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 21	35.02 to 34.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	48.44 to 46.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	43.44 to 41.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	38.44 to 36.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	33.44 to 31.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	48.58 to 47.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	43.58 to 42.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	33.58 to 32.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				30 - 31.5	28.58 to 27.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	48.65 to 47.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	43.65 to 42.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	38.65 to 37.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				30 - 31.5	28.65 to 27.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	48.67 to 47.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		15 - 16.5	43.67 to 42.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	38.67 to 37.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	33.67 to 32.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	48.69 to 47.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	43.69 to 42.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	38.69 to 37.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	33.69 to 32.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	47.97 to 46.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	42.97 to 41.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	37.97 to 36.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	32.97 to 31.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	45.32 to 43.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	40.32 to 38.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.32 to 33.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	30.32 to 28.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	45.26 to 43.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	40.26 to 38.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.26 to 33.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	30.26 to 28.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				13 - 14.5	42.36 to 40.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	40.36 to 38.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.36 to 33.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	30.36 to 28.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				14 - 15.5	41.39 to 39.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				17 - 18.5	38.39 to 36.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.39 to 33.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	30.39 to 28.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	38.16 to 36.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	33.16 to 31.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		20 - 21.5	28.16 to 26.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	23.16 to 21.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	38.21 to 36.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	33.21 to 31.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		20 - 21.5	28.21 to 26.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	23.21 to 21.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	29.7 to 28.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	24.7 to 23.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	19.7 to 18.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	14.7 to 13.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	31.47 to 29.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	26.47 to 24.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	21.47 to 19.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				31 - 32.5	10.47 to 8.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.25	47.21 to 45.96	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.33	42.21 to 40.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.75	37.21 to 36.46	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 26	32.21 to 31.21	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.5	47.61 to 46.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.5	42.61 to 41.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.9	37.61 to 36.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 25.8	32.61 to 31.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 31	27.61 to 26.61	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 10.75	48.20 to 47.45	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.5	43.20 to 41.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 21.5	38.20 to 36.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				26 - 26.8	32.20 to 31.40	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 30.5	28.20 to 27.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.5	43.81 to 42.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.5	38.81 to 37.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 21.25	33.81 to 32.56	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 26.4	28.81 to 27.41	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 31	23.81 to 22.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	45.02 to 43.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	40.02 to 38.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.02 to 33.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-
				25 - 26.5	30.02 to 28.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	45.45 to 43.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	40.45 to 38.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	35.45 to 33.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		25 - 26.5	30.45 to 28.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	44.84 to 43.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-
				15 - 16.5	39.84 to 38.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	34.84 to 33.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	29.84 to 28.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 12.5	44.61 to 42.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	39.61 to 38.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		20 - 23	34.61 to 31.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-
				25 - 26.5	29.61 to 28.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	40.53 to 39.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	35.53 to 34.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	30.53 to 29.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	25.53 to 24.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	40.33 to 38.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	35.33 to 33.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	30.33 to 28.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	25.33 to 23.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	39.41 to 37.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	34.41 to 32.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	29.41 to 27.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	24.41 to 22.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	39.66 to 38.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	34.66 to 33.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
		N		20 - 21.5	29.66 to 28.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	24.66 to 23.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	37.55 to 36.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	32.55 to 31.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	27.55 to 26.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	22.55 to 21.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				10 - 11.5	39.66 to 38.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				15 - 16.5	34.66 to 33.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				20 - 21.5	29.66 to 28.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
				25 - 26.5	24.66 to 23.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.5	43.70 to 42.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 15.5	38.70 to 38.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.9	33.70 to 32.80	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 10.75	44.88 to 44.13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16	39.88 to 38.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 25.9	29.88 to 28.98	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 10.9	41.33 to 40.43	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.4	36.33 to 34.93	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.75	31.33 to 30.58	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11	41.68 to 40.68	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 15.4	36.68 to 36.28	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.8	31.68 to 30.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.5	37.53 to 36.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.33	32.53 to 31.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.5	27.53 to 27.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.5	37.60 to 36.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 15.9	32.60 to 31.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 20.9	27.60 to 26.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.25	27.05 to 25.8	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 21.3	22.05 to 20.75	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 26.3	17.05 to 15.75	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 30.5	12.05 to 11.55	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.1	37.18 to 36.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.25	32.18 to 30.93	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 21.3	27.18 to 25.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 26	22.18 to 21.18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 31	17.18 to 16.18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				10 - 11.4	44.10 to 42.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				15 - 16.5	39.10 to 37.60	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				20 - 21	34.10 to 33.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				25 - 25.8	29.10 to 28.30	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
				30 - 31	24.10 to 23.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12.5 - 13.5	27.45 to 26.45	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				28 - 30	11.95 to 9.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12.5 - 14	33.61 to 32.11	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 31.5	16.11 to 14.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				9 - 10	38.77 to 37.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 26	22.77 to 21.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				26	21.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				9 - 10	38.30 to 37.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 16.5	34.87 to 33.37	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				27.5 - 29	22.37 to 20.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 15.7	37.5 to 36.8	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 30.5	22.5 to 22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloro ethane	1,1,1-Trichloro ethane	1,1,2,2-Tetrachloro ethane	1,1,2-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	1,1-Dichloro propene	1,2,3-Trichloro benzene	1,2,3-Trichloro propane	1,2,3-Trimethyl benzene	1,2,4-Trichloro benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 16.5	32.08 to 30.58	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				35 - 35.7	12.08 to 11.38	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 15.8	41.84 to 41.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 31.5	26.84 to 25.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 16.2	40.25 to 39.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 30.8	25.25 to 24.45	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 21	34 to 33	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 30.8	24 to 23.2	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				7.5 - 8.75	47.22 to 45.97	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				10 - 11.5	44.72 to 43.22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12.5 - 14	42.22 to 40.72	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 15.8	39.72 to 38.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20 - 20.6	34.72 to 34.12	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				13.5 - 15	32.59 to 31.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				28 - 30	18.09 to 16.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				30 - 31	22.14 to 21.14	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				26.5 - 28	17.96 to 16.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				29 - 30	23.26 to 22.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				29 - 30	28.52 to 27.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				20	25.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				30	15.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
	8/8/2012			40	5.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				50	-4.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
	8/9/2012			60	-14.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				70	-24.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				80	-34.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				90	-44.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
	8/10/2012			100	-54.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				110	-64.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				120	-74.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				130	-84.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				138	-92.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				20	32.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				30	22.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				40	12.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				50	2.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				60	-7.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
	8/15/2012			70	-17.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				80	-27.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				90	-37.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				100	-47.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				110	-57.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				120	-67.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				130	-77.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				140	-87.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				25	17.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				35	7.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				40	2.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				45	-2.57	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				20	37.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				30	27.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				40	17.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				50	7.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				20	34.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				30	24.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				40	14.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				50	4.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				20	17.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				30	7.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
				40	-2.34	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00285 U	0.00114 U	0.00114 U
				25	25.32	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U
				35	15.32	-	-	-	-	-	-	-	-	-	-	-
				45	5.32	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	**0.000324 J**	0.00107 U	0.00107 U	0.00267 U	0.00107 U	0.00107 U
				55	-4.68	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	**0.000499 J**	0.0011 U	0.0011 U	0.00274 U	0.0011 U	0.0011 U
				65	-14.68	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00268 U	0.00107 U	0.00107 U
				75	-24.68	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.0674 U	0.027 U	0.027 U
				90	-39.68	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00118 U
	8/31/2017			110	-59.68	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.0029 U	0.00116 U	0.00116 U
				130	-79.68	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00283 U	0.00113 U	0.00113 U
				140	-89.68	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0706 U	0.0282 U	0.0282 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00271 U	0.00109 U	0.00109 U
				20	32.49	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0027 U	0.00108 U	0.00108 U
				30	22.49	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00279 U	0.00112 U	0.00112 U
				40	12.49	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.0011 U
				50	2.49	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00277 U	0.00111 U	0.00111 U
				60	-7.51	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00269 U	0.00108 U	0.00108 U
				70	-17.51	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0028 U	0.00112 U	0.00112 U
				80	-27.51	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00289 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00288 U	0.00115 U	0.00115 U
				20	24.29	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U
				30	14.29	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00281 U	0.00112 U	0.00112 U
				40	4.29	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00272 U	0.00109 U	0.00109 U
				50	-5.71	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.0011 U
				60	-15.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00126 U
				70	-25.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00126 U
				80	-35.71	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00118 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00284 U	0.00113 U	0.00113 UJ
				20	34.84	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 UJ	0.00274 U	0.00109 U	0.00109 UJ
				30	24.84	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 UJ	0.00268 U	0.00107 U	0.00107 UJ
				40	14.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00283 U	0.00113 U	0.00113 UJ
				50	4.84	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00277 U	0.00111 U	0.00111 UJ
				61	-6.16	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 UJ	0.00284 U	0.00114 U	0.00114 UJ
				70	-15.16	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00278 U	0.00111 U	0.00111 UJ
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.00276 U	0.0011 U	0.0011 UJ
				90	-35.16	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 UJ	0.00301 U	0.0012 U	0.0012 UJ
				110	-55.16	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 UJ	0.00294 U	0.00118 U	0.00118 UJ
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 UJ	0.00287 U	0.00115 U	0.00115 UJ
MW-316	9/9/2019	N	49.73	5	44.73	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.0135 U	0.00541 U	0.0135 U
				10	39.73	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0141 U	0.00566 U	0.0141 U
				15	34.73	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.0141 U	0.00562 U	0.0141 U
				20	29.73	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0135 U	0.00539 U	0.0135 U
				25	24.73	0.00284 U	0.00284 U	0.00284 U	0.00284 U	**0.00317**	**0.000568 J**	0.00284 U	0.00284 U	0.0142 U	0.00567 U	0.0142 U
				30	19.73	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.0139 U	0.00555 U	0.0139 U
				35	14.73	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.0141 U	0.00564 U	0.0141 U
				40	9.73	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.0142 U	0.00569 U	0.0142 U
				45	4.73	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.0139 U	0.00556 U	0.0139 U
				50	-0.27	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.015 U	0.00598 U	0.015 U
				55	-5.27	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0142 U	0.00566 U	0.0142 U
				60	-10.27	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.0141 U	0.00562 U	0.0141 U
	9/10/2019			65	-15.27	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.0187 U	0.00748 U	0.0187 U
				70	-20.27	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0141 U	0.00566 U	0.0141 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.0138 U	**0.00216 J**	0.0138 U
				10	31.31	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.0166 U	0.00665 U	0.0166 U
				15	26.31	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.0146 U	0.00585 U	0.0146 U
				20	21.31	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.0146 U	0.00585 U	0.0146 U
				25	16.31	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0155 U	0.0062 U	0.0155 U
				30	11.31	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0505 U	0.0202 U	0.0505 U
				35	6.31	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.0155 U	0.00618 U	0.0155 U
				40	1.31	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.0149 U	0.00596 U	0.0149 U
				45	-3.69	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.0151 U	0.00602 U	0.0151 U
				50	-8.69	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.0143 U	0.00572 U	0.0143 U
				55	-13.69	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.0152 U	0.00608 U	0.0152 U
				60	-18.69	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.0136 U	0.00543 U	0.0136 U
				65	-23.69	0.0029 U	0.0029 U	0.0029 UJ	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0145 U	0.0058 U	0.0145 U
				70	-28.69	0.00305 U	0.00305 U	0.00305 UJ	0.00305 U	0.00305 U	0.00305 U	0.00305 U	0.00305 U	0.0152 U	0.00609 U	0.0152 U
				75	-33.69	0.00303 U	0.00303 U	0.00303 UJ	0.00303 U	0.00303 U	0.00303 U	0.00303 U	0.00303 U	0.0152 U	0.00606 U	0.0152 U
				80	-38.69	0.00297 U	0.00297 U	0.00297 UJ	0.00297 U	0.00297 U	0.00297 U	0.00297 U	0.00297 U	0.0149 U	0.00594 U	0.0149 U
	9/10/2019			85	-43.69	0.00292 U	0.00292 U	0.00292 UJ	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.0146 U	0.00584 U	0.0146 U
				90	-48.69	0.00294 U	0.00294 U	0.00294 UJ	0.00294 U	0.00294 U	0.00294 U	0.00294 U	0.00294 U	0.0147 U	0.00589 U	0.0147 U
				95	-53.69	0.00281 U	0.00281 U	0.00281 UJ	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.014 U	0.00562 U	0.014 U
				100	-58.69	0.00302 U	0.00302 U	0.00302 UJ	0.00302 U	0.00302 U	0.00302 U	0.00302 U	0.00302 U	0.0151 U	0.00604 U	0.0151 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.404 U	0.00404 U	0.0162 U	0.0242 U	0.0162 U	0.0162 U	0.0162 U	0.0404 U	0.0162 U	0.0404 U
21417-MB2	5/12/2017	N	54.72	10	44.72	**0.0455**	0.469 U	0.00469 U	0.0187 U	0.0281 U	0.0187 U	0.0187 U	0.0187 U	0.0469 U	0.0187 U	0.0469 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.406 U	0.00406 U	0.0162 U	0.0244 U	0.0162 U	0.0162 U	0.0162 U	0.0406 U	0.0162 U	0.0406 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.343 U	0.00343 U	0.0137 U	0.0206 U	0.0137 U	0.0137 U	0.0137 U	0.0343 U	0.0137 U	0.0343 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.329 U	0.00329 U	0.0132 U	0.0198 U	0.0132 U	0.0132 U	0.0132 U	0.0329 U	0.0132 U	0.0329 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.034 U	0.0034 U	0.0136 U	0.0204 U	0.0136 U	0.0136 U	0.0136 U	0.034 U	0.0136 U	0.034 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.409 U	0.00409 U	0.0163 U	0.0245 U	0.0163 U	0.0163 U	0.0163 U	0.0409 U	0.0163 U	0.0409 U
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0381 U	0.00381 U	0.0152 U	0.0229 U	0.0152 U	0.0152 U	0.0152 U	0.0381 U	0.0152 U	0.0381 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.591 U	0.00591 U	0.0237 U	0.0355 U	0.0237 U	0.0237 U	0.0237 U	0.0591 U	0.0237 U	0.0591 U
				22	17.05	0.0186 U	0.464 U	0.00464 U	0.0186 U	0.0279 U	0.0186 U	0.0186 U	0.0186 U	0.0464 U	0.0186 U	0.0464 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.433 U	-	0.0173 U	0.026 U	0.0173 U	0.0173 U	0.0173 U	0.0433 U	0.0173 U	0.0433 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.643 U	0.00643 U	0.0257 U	0.0386 U	0.0257 U	0.0257 U	0.0257 U	0.0643 U	0.0257 U	0.0643 U
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U
				25	28.95	-	-	-	-	-	-	-	-	-	-	-
				35	18.95	0.00118 U	0.00589 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U
				45	8.95	0.00106 UJ	0.00532 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U
				55	-1.05	0.00111 UJ	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U
				65	-11.05	0.0286 UJ	0.143 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U
				75	-21.05	0.0011 UJ	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
				85	-31.05	0.00121 U	0.00603 U	0.00121 UJ	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U
				95	-41.05	0.0012 U	0.00598 U	0.0012 UJ	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	48.44 to 46.94	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.44 to 41.94	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.44 to 36.94	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	33.44 to 31.94	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	48.58 to 47.08	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.58 to 42.08	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	33.58 to 32.08	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31.5	28.58 to 27.08	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	48.65 to 47.15	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.65 to 42.15	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.65 to 37.15	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31.5	28.65 to 27.15	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	48.67 to 47.17	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		15 - 16.5	43.67 to 42.17	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.67 to 37.17	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	33.67 to 32.17	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	48.69 to 47.19	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.69 to 42.19	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.69 to 37.19	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	33.69 to 32.19	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	47.97 to 46.47	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	42.97 to 41.47	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	37.97 to 36.47	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	32.97 to 31.47	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	45.32 to 43.82	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	40.32 to 38.82	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.32 to 33.82	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	30.32 to 28.82	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	45.26 to 43.76	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	40.26 to 38.76	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.26 to 33.76	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	30.26 to 28.76	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				13 - 14.5	42.36 to 40.86	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	40.36 to 38.86	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.36 to 33.86	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	30.36 to 28.86	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				14 - 15.5	41.39 to 39.89	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				17 - 18.5	38.39 to 36.89	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.39 to 33.89	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	30.39 to 28.89	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	38.16 to 36.66	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	33.16 to 31.66	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		20 - 21.5	28.16 to 26.66	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	23.16 to 21.66	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	38.21 to 36.71	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	33.21 to 31.71	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		20 - 21.5	28.21 to 26.71	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	23.21 to 21.71	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	29.7 to 28.2	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	24.7 to 23.2	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	19.7 to 18.2	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	14.7 to 13.2	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	31.47 to 29.97	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	26.47 to 24.97	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	21.47 to 19.97	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				31 - 32.5	10.47 to 8.97	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26	32.21 to 31.21	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	47.61 to 46.11	**0.0068**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	42.61 to 41.11	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31	27.61 to 26.61	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				26 - 26.8	32.20 to 31.40	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 30.5	28.20 to 27.70	**0.11**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	**0.03**	0.005 U	0.005 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31	23.81 to 22.81	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	45.02 to 43.52	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	40.02 to 38.52	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.02 to 33.52	**1.9**	0.5 U	-	0.05 U	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26.5	30.02 to 28.52	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	45.45 to 43.95	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	40.45 to 38.95	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	35.45 to 33.95	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		25 - 26.5	30.45 to 28.95	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	44.84 to 43.34	**5.9**	0.5 U	-	0.05 U	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	39.84 to 38.34	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	34.84 to 33.34	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	29.84 to 28.34	**0.096**	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 12.5	44.61 to 42.11	**0.022 J**	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				**0.11**	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	39.61 to 38.11	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		20 - 23	34.61 to 31.61	**1.2**	0.5 U	-	0.05 U	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26.5	29.61 to 28.11	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	40.53 to 39.03	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	35.53 to 34.03	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	30.53 to 29.03	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	25.53 to 24.03	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	40.33 to 38.83	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	35.33 to 33.83	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	30.33 to 28.83	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	25.33 to 23.83	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	39.41 to 37.91	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	34.41 to 32.91	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	29.41 to 27.91	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	24.41 to 22.91	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	39.66 to 38.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	34.66 to 33.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		FD				0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
		N		20 - 21.5	29.66 to 28.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	24.66 to 23.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	37.55 to 36.05	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	32.55 to 31.05	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	27.55 to 26.05	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	22.55 to 21.05	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	39.66 to 38.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	34.66 to 33.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	29.66 to 28.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.5	24.66 to 23.16	0.005 U	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**2.8**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	**1.3**	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	43.70 to 42.20	**0.49**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	**0.25**	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 15.5	38.70 to 38.20	**0.014**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	**0.0086**	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.9	33.70 to 32.80	**0.0081**	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16	39.88 to 38.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.005 U	0.05 UJ	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11	41.68 to 40.68	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	37.53 to 36.03	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	37.60 to 36.10	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.25	27.05 to 25.8	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 30.5	12.05 to 11.55	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.1	37.18 to 36.08	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 26	22.18 to 21.18	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31	17.18 to 16.18	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				10 - 11.4	44.10 to 42.70	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				20 - 21	34.10 to 33.10	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				30 - 31	24.10 to 23.10	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				26	21.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	34 to 33	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	**0.55 J**	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.2 J**	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11.5	44.72 to 43.22	**15**	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**5.7**	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 14	42.22 to 40.72	**1.6 J**	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.51 J**	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	39.72 to 38.92	**0.21**	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.079**	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	**0.12 J**	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	0.05 U	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	-	-	-	0.05 U	-	-	-	-	-	-
				20	25.59	-	-	-	-	0.05 U	-	-	-	-	-	-
				30	15.59	-	-	-	-	0.05 U	-	-	-	-	-	-
	8/8/2012			40	5.59	-	-	-	-	0.05 U	-	-	-	-	-	-
				50	-4.41	-	-	-	-	0.05 U	-	-	-	-	-	-
	8/9/2012			60	-14.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				70	-24.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				80	-34.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				90	-44.41	-	-	-	-	0.05 U	-	-	-	-	-	-
	8/10/2012			100	-54.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				110	-64.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				120	-74.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				130	-84.41	-	-	-	-	0.05 U	-	-	-	-	-	-
				138	-92.41	-	-	-	-	0.05 U	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	0.05 U	-	-	-	-	-	-
				20	32.90	-	-	-	-	0.05 U	-	-	-	-	-	-
				30	22.90	-	-	-	-	0.05 U	-	-	-	-	-	-
				40	12.90	-	-	-	-	0.05 U	-	-	-	-	-	-
				50	2.90	-	-	-	-	0.05 U	-	-	-	-	-	-
				60	-7.10	-	-	-	-	0.05 U	-	-	-	-	-	-
	8/15/2012			70	-17.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				80	-27.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				90	-37.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				100	-47.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				110	-57.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				120	-67.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				130	-77.10	-	-	-	-	0.05 U	-	-	-	-	-	-
				140	-87.10	-	-	-	-	0.05 U	-	-	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	0.05 U	-	-	-	-	-	-
				25	17.43	-	-	-	-	0.05 U	-	-	-	-	-	-
				35	7.43	-	-	-	-	0.05 U	-	-	-	-	-	-
				40	2.43	-	-	-	-	0.05 U	-	-	-	-	-	-
				45	-2.57	-	-	-	-	0.05 U	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	0.05 U	-	-	-	-	-	-
				20	37.78	-	-	-	-	0.05 U	-	-	-	-	-	-
				30	27.78	-	-	-	-	0.05 U	-	-	-	-	-	-
				40	17.78	-	-	-	-	0.05 U	-	-	-	-	-	-
				50	7.78	-	-	-	-	0.05 U	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	0.05 U	-	-	-	-	-	-
				20	34.50	-	-	-	-	0.05 U	-	-	-	-	-	-
				30	24.50	-	-	-	-	0.05 U	-	-	-	-	-	-
				40	14.50	-	-	-	-	0.05 U	-	-	-	-	-	-
				50	4.50	-	-	-	-	0.05 U	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	0.05 U	-	-	-	-	-	-
				20	17.66	-	-	-	-	0.05 U	-	-	-	-	-	-
				30	7.66	-	-	-	-	0.05 U	-	-	-	-	-	-
				40	-2.34	-	-	-	-	0.05 U	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U
				25	25.32	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U
				35	15.32	-	-	-	-	-	-	-	-	-	-	-
				45	5.32	0.00107 U	0.00534 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U
				55	-4.68	0.0011 U	0.00549 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
				65	-14.68	0.00107 U	0.00535 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U
				75	-24.68	0.027 U	0.135 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U
				90	-39.68	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U
	8/31/2017			110	-59.68	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U
				130	-79.68	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U
				140	-89.68	0.0282 U	0.141 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U
				20	32.49	0.00108 U	0.0054 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U
				30	22.49	0.00112 U	0.00558 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U
				40	12.49	0.0011 U	0.00552 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
				50	2.49	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U
				60	-7.51	0.00108 U	0.00538 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U
				70	-17.51	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U
				80	-27.51	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00577 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U
				20	24.29	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U
				30	14.29	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U
				40	4.29	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U
				50	-5.71	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
				60	-15.71	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U
				70	-25.71	0.00126 U	0.0063 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U
				80	-35.71	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00567 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U
				20	34.84	0.00109 U	0.00547 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U
				30	24.84	0.00107 U	0.00536 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U
				40	14.84	0.00113 U	0.00566 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U
				50	4.84	0.00111 U	0.00555 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U
				61	-6.16	0.00114 U	0.00568 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U
				70	-15.16	0.00111 U	0.00557 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U
	3/28/2018			80	-25.16	0.0011 U	0.00552 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
				90	-35.16	0.0012 U	0.00602 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U
				110	-55.16	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U
	3/29/2018			130	-75.16	0.00115 U	0.00574 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00541 U	0.0271 U	0.00271 U	0.00541 U	0.00271 U	0.00541 U	0.00541 U	0.00541 U	0.00541 U	0.00541 U	0.00271 U
				10	39.73	0.00566 U	0.0283 U	0.00283 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U
				15	34.73	0.00562 U	0.0281 U	0.00281 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U
				20	29.73	0.00539 U	0.027 U	0.0027 U	0.00539 U	0.0027 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.0027 U
				25	24.73	0.00567 U	0.0284 U	0.00284 U	0.00567 U	0.00284 U	0.00567 U	0.00567 U	0.00567 U	0.00567 U	0.00567 U	0.00284 U
				30	19.73	0.00555 U	0.0277 U	0.00277 U	0.00555 U	0.00277 U	0.00555 U	0.00555 U	0.00555 U	0.00555 U	0.00555 U	0.00277 U
				35	14.73	0.00564 U	0.0282 U	0.00282 U	0.00564 U	0.00282 U	0.00564 U	0.00564 U	0.00564 U	0.00564 U	0.00564 U	0.00282 U
				40	9.73	0.00569 U	0.0284 U	0.00284 U	0.00569 U	0.00284 U	0.00569 U	0.00569 U	0.00569 U	0.00569 U	0.00569 U	0.00284 U
				45	4.73	0.00556 U	0.0278 U	0.00278 U	0.00556 U	0.00278 U	0.00556 U	0.00556 U	0.00556 U	0.00556 U	0.00556 U	0.00278 U
				50	-0.27	0.00598 U	0.0299 U	0.00299 U	0.00598 U	0.00299 U	0.00598 U	0.00598 U	0.00598 U	0.00598 U	0.00598 U	0.00299 U
				55	-5.27	0.00566 U	0.0283 U	0.00283 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U
				60	-10.27	0.00562 U	0.0281 U	0.00281 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U
	9/10/2019			65	-15.27	0.00748 U	0.0374 U	0.00374 U	0.00748 U	0.00374 U	0.00748 U	0.00748 U	0.00748 U	0.00748 U	0.00748 U	0.00374 U
				70	-20.27	0.00566 U	0.0283 U	0.00283 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U
MW-326	9/9/2019	N	41.31	5	36.31	**0.00325 J**	0.0275 U	0.00275 U	0.00551 U	0.00275 U	0.00551 U	**0.00151 J**	0.00551 U	0.00551 U	0.00551 U	0.00275 U
				10	31.31	0.00665 U	0.0333 U	0.00333 U	0.00665 U	0.00333 U	0.00665 U	0.00665 U	0.00665 U	0.00665 U	0.00665 U	0.00333 U
				15	26.31	0.00585 U	0.0292 U	0.00292 U	0.00585 U	0.00292 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00292 U
				20	21.31	0.00586 U	0.0293 U	0.00293 U	0.00586 U	0.00293 U	0.00586 U	0.00586 U	0.00586 U	0.00586 U	0.00586 U	0.00293 U
				25	16.31	0.0062 U	0.031 U	0.0031 U	0.0062 U	0.0031 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0031 U
				30	11.31	0.0202 U	0.101 U	0.0101 U	0.0202 U	0.0101 U	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0101 U
				35	6.31	0.00618 U	0.0309 U	0.00309 U	0.00618 U	0.00309 U	0.00618 U	0.00618 U	0.00618 U	0.00618 U	0.00618 U	0.00309 U
				40	1.31	0.00596 U	0.0298 U	0.00298 U	0.00596 U	0.00298 U	0.00596 U	0.00596 U	0.00596 U	0.00596 U	0.00596 U	0.00298 U
				45	-3.69	0.00602 U	0.0301 U	0.00301 U	0.00602 U	0.00301 U	0.00602 U	0.00602 U	0.00602 U	0.00602 U	0.00602 U	0.00301 U
				50	-8.69	0.00572 U	0.0286 U	0.00286 U	0.00572 U	0.00286 U	0.00572 U	0.00572 U	0.00572 U	0.00572 U	0.00572 U	0.00286 U
				55	-13.69	0.00608 U	0.0304 U	0.00304 U	0.00608 U	0.00304 U	0.00608 U	0.00608 U	0.00608 U	0.00608 U	0.00608 U	0.00304 U
				60	-18.69	0.00543 U	0.0272 UJ	0.00272 U	0.00543 U	0.00272 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00272 U
				65	-23.69	0.0058 U	0.029 UJ	0.0029 U	0.0058 U	0.0029 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0029 U
				70	-28.69	0.00609 U	0.0305 UJ	0.00305 U	0.00609 U	0.00305 U	0.00609 U	0.00609 U	0.00609 U	0.00609 U	0.00609 U	0.00305 U
				75	-33.69	0.00606 U	0.0303 UJ	0.00303 U	0.00606 U	0.00303 U	0.00606 U	0.00606 U	0.00606 U	0.00606 U	0.00606 U	0.00303 U
				80	-38.69	0.00594 U	0.0297 UJ	0.00297 U	0.00594 U	0.00297 U	0.00594 U	0.00594 U	0.00594 U	0.00594 U	0.00594 U	0.00297 U
				85	-43.69	0.00584 U	0.0292 UJ	0.00292 U	0.00584 U	0.00292 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00292 U
	9/10/2019			90	-48.69	0.00589 U	0.0294 UJ	0.00294 U	0.00589 U	0.00294 U	0.00589 U	0.00589 U	0.00589 U	0.00589 U	0.00589 U	0.00294 U
				95	-53.69	0.00562 U	0.0281 UJ	0.00281 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U
				100	-58.69	0.00604 U	0.0302 UJ	0.00302 U	0.00604 U	0.00302 U	0.00604 U	0.00604 U	0.00604 U	0.00604 U	0.00604 U	0.00302 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	-	0.0162 U	-	0.0162 U	0.0162 U	-	-	-	0.0162 U	0.0242 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	-	0.0187 U	-	0.0187 U	0.0187 U	-	-	-	0.0187 U	0.0281 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	-	0.0162 U	-	0.0162 U	0.0162 U	-	-	-	0.0162 U	0.0244 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	-	0.0137 U	-	0.0137 U	0.0137 U	-	-	-	0.0137 U	0.0206 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	-	0.0132 U	-	0.0132 U	0.0132 U	-	-	-	0.0132 U	0.0198 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	-	0.0136 U	-	0.0136 U	0.0136 U	-	-	-	0.0136 U	0.0204 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	-	0.0163 U	-	0.0163 U	0.0163 U	-	-	-	0.0163 U	0.0245 U	0.0163 U
21417-MB8	5/11/2017	N	45.28	27	18.28	-	0.0152 U	-	0.0152 U	0.0152 U	-	-	-	0.0152 U	0.0229 U	0.0152 U
21417-MB9	5/11/2017	N	39.05	13	26.05	-	0.0237 U	-	0.0237 U	0.0237 U	-	-	-	0.0237 U	0.0355 U	0.0237 U
				22	17.05	-	0.0186 U	-	0.0186 U	0.0186 U	-	-	-	0.0186 U	0.0279 U	0.0186 U
21417-MB10	5/11/2017	N	38.08	28	10.08	-	0.0173 U	-	0.0173 U	0.0173 U	-	-	-	0.0173 U	0.026 U	0.0173 U
21417-MB11	5/11/2017	N	39.04	23	16.04	-	0.0257 U	-	0.0257 U	0.0257 U	-	-	-	0.0257 U	0.0386 U	0.0515 U
B-215	9/12/2017	N	53.95	15	38.95	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U	0.00108 U	0.00108 U	0.00108 U
				25	28.95	-	-	-	-	-	-	-	-	0.00108 U	-	-
				35	18.95	0.0118 U	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	0.0589 U	0.0118 U	0.00118 U	0.00118 U	0.00118 U
				45	8.95	0.0106 UJ	0.00106 U	0.0106 U	0.00106 U	0.00106 U	0.0106 U	0.0532 UJ	0.0106 U	0.00106 U	0.00106 UJ	0.00106 U
				55	-1.05	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0554 UJ	0.0111 U	0.00111 U	0.00111 UJ	0.00111 U
				65	-11.05	0.286 UJ	0.0286 U	0.286 U	0.0286 U	0.0286 U	0.286 U	1.43 UJ	0.286 U	0.0286 U	0.0286 UJ	0.0286 U
				75	-21.05	0.011 UJ	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0551 UJ	0.011 U	0.0011 U	0.0011 UJ	0.0011 U
				85	-31.05	0.0121 U	0.00121 U	0.0121 U	0.00121 U	0.00121 U	0.0121 U	0.0603 U	0.0121 U	0.00121 U	0.00121 U	0.00121 U
				95	-41.05	0.012 U	0.0012 U	0.012 U	0.0012 U	0.0012 U	0.012 U	0.0598 U	0.012 U	0.0012 U	0.0012 U	0.0012 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	UND	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	UND	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	UND	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	0.0133 U	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	0.0171 U	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	0.0159 U	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	0.0148 U	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	0.0368 U	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	0.0168 U	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	0.0162 U	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-	0.02 UJ	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-	0.02 UJ	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-	0.02 UJ	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-	0.02 UJ	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	48.44 to 46.94	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	43.44 to 41.94	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	38.44 to 36.94	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	33.44 to 31.94	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	48.58 to 47.08	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	43.58 to 42.08	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	33.58 to 32.08	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				30 - 31.5	28.58 to 27.08	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	48.65 to 47.15	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	43.65 to 42.15	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	38.65 to 37.15	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				30 - 31.5	28.65 to 27.15	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	48.67 to 47.17	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		N		15 - 16.5	43.67 to 42.17	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	38.67 to 37.17	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	33.67 to 32.17	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	48.69 to 47.19	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	43.69 to 42.19	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	38.69 to 37.19	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	33.69 to 32.19	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	47.97 to 46.47	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	42.97 to 41.47	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	37.97 to 36.47	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	32.97 to 31.47	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	45.32 to 43.82	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	40.32 to 38.82	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.32 to 33.82	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	30.32 to 28.82	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	45.26 to 43.76	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	40.26 to 38.76	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.26 to 33.76	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	30.26 to 28.76	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				13 - 14.5	42.36 to 40.86	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	40.36 to 38.86	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.36 to 33.86	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	30.36 to 28.86	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				14 - 15.5	41.39 to 39.89	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				17 - 18.5	38.39 to 36.89	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.39 to 33.89	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	30.39 to 28.89	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	38.16 to 36.66	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	33.16 to 31.66	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		N		20 - 21.5	28.16 to 26.66	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	23.16 to 21.66	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	38.21 to 36.71	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	33.21 to 31.71	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		N		20 - 21.5	28.21 to 26.71	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	23.21 to 21.71	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	29.7 to 28.2	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	24.7 to 23.2	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	19.7 to 18.2	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	14.7 to 13.2	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	31.47 to 29.97	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	26.47 to 24.97	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	21.47 to 19.97	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				31 - 32.5	10.47 to 8.97	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 26	32.21 to 31.21	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.5	47.61 to 46.11	0.05 U	0.005 U	0.05 U	**0.011**	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.5	42.61 to 41.11	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 31	27.61 to 26.61	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				26 - 26.8	32.20 to 31.40	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 30.5	28.20 to 27.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 31	23.81 to 22.81	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	45.02 to 43.52	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	40.02 to 38.52	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.02 to 33.52	-	0.05 U	-	-	0.05 U	-	-	-	0.03 U	-	0.05 U
				25 - 26.5	30.02 to 28.52	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	45.45 to 43.95	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	40.45 to 38.95	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	35.45 to 33.95	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		N		25 - 26.5	30.45 to 28.95	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	44.84 to 43.34	-	0.05 U	-	-	0.05 U	-	-	-	0.03 U	-	0.05 U
				15 - 16.5	39.84 to 38.34	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	34.84 to 33.34	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	29.84 to 28.34	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 12.5	44.61 to 42.11	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	39.61 to 38.11	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
		N		20 - 23	34.61 to 31.61	-	0.05 U	-	-	0.05 U	-	-	-	0.03 U	-	0.05 U
				25 - 26.5	29.61 to 28.11	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	40.53 to 39.03	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	35.53 to 34.03	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	30.53 to 29.03	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	25.53 to 24.03	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	40.33 to 38.83	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	35.33 to 33.83	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	30.33 to 28.83	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	25.33 to 23.83	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				10 - 11.5	39.41 to 37.91	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				15 - 16.5	34.41 to 32.91	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				20 - 21.5	29.41 to 27.91	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
				25 - 26.5	24.41 to 22.91	-	0.005 U	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
		FD				-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
		N		20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				10 - 11.5	37.55 to 36.05	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				15 - 16.5	32.55 to 31.05	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				20 - 21.5	27.55 to 26.05	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				25 - 26.5	22.55 to 21.05	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.05 U	0.005 U	0.05 U	**0.42**	0.005 U	0.05 U	0.1 U	-	**0.006**	0.005 U	0.005 U
				10 - 11.5	43.70 to 42.20	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	**0.011**	0.005 U	0.005 U
				15 - 15.5	38.70 to 38.20	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 20.9	33.70 to 32.80	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				15 - 16	39.88 to 38.88	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				10 - 11	41.68 to 40.68	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-	0.003 U	0.005 U	0.005 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.5	37.53 to 36.03	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.5	37.60 to 36.10	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.25	27.05 to 25.8	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 30.5	12.05 to 11.55	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.1	37.18 to 36.08	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 26	22.18 to 21.18	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 31	17.18 to 16.18	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.05 UJ	0.005 U	0.05 UJ	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				10 - 11.4	44.10 to 42.70	0.05 UJ	0.005 U	0.05 UJ	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				20 - 21	34.10 to 33.10	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
				30 - 31	24.10 to 23.10	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-	0.003 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				26	21.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 21	34 to 33	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				10 - 11.5	44.72 to 43.22	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12.5 - 14	42.22 to 40.72	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 15.8	39.72 to 38.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	-	0.05 U	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	-	-	-	-	-	-	-	-	-	-
				20	25.59	-	-	-	-	-	-	-	-	-	-	-
				30	15.59	-	-	-	-	-	-	-	-	-	-	-
	8/8/2012			40	5.59	-	-	-	-	-	-	-	-	-	-	-
				50	-4.41	-	-	-	-	-	-	-	-	-	-	-
	8/9/2012			60	-14.41	-	-	-	-	-	-	-	-	-	-	-
				70	-24.41	-	-	-	-	-	-	-	-	-	-	-
				80	-34.41	-	-	-	-	-	-	-	-	-	-	-
				90	-44.41	-	-	-	-	-	-	-	-	-	-	-
	8/10/2012			100	-54.41	-	-	-	-	-	-	-	-	-	-	-
				110	-64.41	-	-	-	-	-	-	-	-	-	-	-
				120	-74.41	-	-	-	-	-	-	-	-	-	-	-
				130	-84.41	-	-	-	-	-	-	-	-	-	-	-
				138	-92.41	-	-	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	-	-	-	-	-	-	-
				20	32.90	-	-	-	-	-	-	-	-	-	-	-
				30	22.90	-	-	-	-	-	-	-	-	-	-	-
				40	12.90	-	-	-	-	-	-	-	-	-	-	-
				50	2.90	-	-	-	-	-	-	-	-	-	-	-
				60	-7.10	-	-	-	-	-	-	-	-	-	-	-
	8/15/2012			70	-17.10	-	-	-	-	-	-	-	-	-	-	-
				80	-27.10	-	-	-	-	-	-	-	-	-	-	-
				90	-37.10	-	-	-	-	-	-	-	-	-	-	-
				100	-47.10	-	-	-	-	-	-	-	-	-	-	-
				110	-57.10	-	-	-	-	-	-	-	-	-	-	-
				120	-67.10	-	-	-	-	-	-	-	-	-	-	-
				130	-77.10	-	-	-	-	-	-	-	-	-	-	-
				140	-87.10	-	-	-	-	-	-	-	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	-	-	-	-	-	-	-
				25	17.43	-	-	-	-	-	-	-	-	-	-	-
				35	7.43	-	-	-	-	-	-	-	-	-	-	-
				40	2.43	-	-	-	-	-	-	-	-	-	-	-
				45	-2.57	-	-	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	-	-
				30	27.78	-	-	-	-	-	-	-	-	-	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	-	-	-	-	-	-	-
				20	34.50	-	-	-	-	-	-	-	-	-	-	-
				30	24.50	-	-	-	-	-	-	-	-	-	-	-
				40	14.50	-	-	-	-	-	-	-	-	-	-	-
				50	4.50	-	-	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	-	-	-	-	-	-	-
				20	17.66	-	-	-	-	-	-	-	-	-	-	-
				30	7.66	-	-	-	-	-	-	-	-	-	-	-
				40	-2.34	-	-	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.0114 U	0.00114 U	0.0114 U	0.00114 U	0.00114 U	0.0114 U	0.057 U	0.0114 U	0.00114 U	0.00114 U	0.00114 U
				25	25.32	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U	0.00108 U	0.00108 U	0.00108 U
				35	15.32	-	-	0.291 U	0.0291 U	0.0291 U	0.291 U	1.46 U	0.291 U	0.0291 U	0.0291 U	0.0291 U
				45	5.32	0.0107 U	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0534 U	0.0107 U	0.00107 U	0.00107 U	0.00107 U
				55	-4.68	0.011 U	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0549 U	0.011 U	**0.000379 J**	0.0011 U	0.0011 U
				65	-14.68	0.0107 U	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0535 U	0.0107 U	0.00107 U	0.00107 U	0.00107 U
				75	-24.68	0.27 U	0.027 U	0.27 U	0.027 U	0.027 U	0.27 U	1.35 U	0.27 U	0.027 U	0.027 U	0.027 U
	8/31/2017			90	-39.68	0.0118 U	0.00118 U	0.0118 U	0.00118 UJ	0.00118 U	0.0118 U	0.0588 U	0.0118 U	0.00118 U	0.00118 U	0.00118 U
				110	-59.68	0.0116 U	0.00116 U	0.0116 U	0.00116 U	0.00116 U	0.0116 U	0.0579 U	0.0116 U	0.00116 U	0.00116 U	0.00116 U
				130	-79.68	0.0113 U	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0565 U	0.0113 U	0.00113 U	0.00113 U	0.00113 U
				140	-89.68	0.282 UJ	0.0282 U	0.282 U	0.0282 UJ	0.0282 U	0.282 U	1.41 UJ	0.282 U	0.0282 U	0.0282 UJ	0.0282 U
MW-147	4/2/2018	N	52.49	10	42.49	0.0109 U	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0543 U	0.0109 U	**0.000566 J**	0.00109 U	0.00109 U
				20	32.49	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.054 U	0.0108 U	0.00108 U	0.00108 U	0.00108 U
				30	22.49	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.0558 U	0.0112 U	0.00112 U	0.00112 U	0.00112 U
				40	12.49	**0.00707 J**	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0552 U	0.011 U	0.0011 U	0.0011 U	0.0011 U
				50	2.49	0.0111 U	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0554 U	0.0111 U	0.00111 U	0.00111 U	0.00111 U
				60	-7.51	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0538 U	0.0108 U	0.00108 U	0.00108 U	0.00108 U
				70	-17.51	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.056 U	0.0112 U	0.00112 U	0.00112 U	0.00112 U
				80	-27.51	0.0116 U	0.00116 U	0.0116 U	0.00116 U	0.00116 U	0.0116 U	0.0579 U	0.0116 U	0.00116 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	11	33.29	**0.00585 J**	0.00115 U	0.0115 U	0.00115 U	0.00115 U	0.0115 U	**0.0266 J**	0.0115 U	**0.000728 J**	0.00115 U	0.00115 U
				20	24.29	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U	0.00108 U	0.00108 U	0.00108 U
				30	14.29	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.0561 U	0.0112 U	0.00112 U	0.00112 U	0.00112 U
				40	4.29	0.0109 U	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0543 U	0.0109 U	0.00109 U	0.00109 U	0.00109 U
				50	-5.71	0.011 U	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0551 U	0.011 U	0.0011 U	0.0011 U	0.0011 U
				60	-15.71	0.0126 U	0.00126 U	0.0126 U	0.00126 U	0.00126 U	0.0126 U	0.0631 U	0.0126 U	0.00126 U	0.00126 U	0.00126 U
				70	-25.71	0.0126 U	0.00126 U	0.0126 U	0.00126 U	0.00126 U	0.0126 U	**0.0198 J**	0.0126 U	0.00126 U	0.00126 U	0.00126 U
				80	-35.71	0.0118 U	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	**0.0118 J**	0.0118 U	0.00118 U	0.00118 U	0.00118 U

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						2-Butanone (Methyl Ethyl Ketone)	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	0.0113 UJ	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0567 UJ	0.0113 U	0.00113 U	0.00113 U	0.00113 U
				20	34.84	0.0109 UJ	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0547 UJ	0.0109 U	0.00109 U	0.00109 U	0.00109 U
				30	24.84	0.0107 UJ	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0536 UJ	0.0107 U	0.00107 U	0.00107 U	0.00107 U
				40	14.84	0.0113 UJ	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0566 UJ	0.0113 U	0.00113 U	0.00113 U	0.00113 U
				50	4.84	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0555 UJ	0.0111 U	0.00111 U	0.00111 U	0.00111 U
				61	-6.16	0.0114 UJ	0.00114 U	0.0114 U	0.00114 U	0.00114 U	0.0114 U	0.0568 UJ	0.0114 U	0.00114 U	0.00114 U	0.00114 U
				70	-15.16	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0557 UJ	0.0111 U	0.00111 U	0.00111 U	0.00111 U
	3/28/2018			80	-25.16	0.011 UJ	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0552 UJ	0.011 U	0.0011 U	0.0011 U	0.0011 U
				90	-35.16	0.012 UJ	0.0012 U	0.012 U	0.0012 U	0.0012 U	0.012 U	0.0602 UJ	0.012 U	0.0012 U	0.0012 U	0.0012 U
				110	-55.16	0.0118 UJ	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	0.0588 UJ	0.0118 U	0.00118 U	0.00118 U	0.00118 U
	3/29/2018			130	-75.16	0.0115 UJ	0.00115 U	0.0115 U	0.00115 U	0.00115 U	0.0115 U	0.0574 UJ	0.0115 U	0.00115 U	0.00115 U	0.00115 U
MW-316	9/9/2019	N	49.73	5	44.73	0.0271 U	0.00271 U	0.0271 U	0.0135 U	0.00541 U	0.0271 U	0.0271 U	0.0135 U	0.00108 U	0.0135 U	0.00271 U
				10	39.73	0.0283 U	0.00283 U	0.0283 U	0.0141 U	0.00566 U	0.0283 U	**0.0346**	0.0141 U	0.00113 U	0.0141 U	0.00283 U
				15	34.73	0.0281 U	0.00281 U	0.0281 U	0.0141 U	0.00562 U	0.0281 U	0.0281 U	0.0141 U	0.00112 U	0.0141 U	0.00281 U
				20	29.73	0.027 U	0.0027 U	0.027 U	0.0135 U	0.00539 U	0.027 U	**0.0282**	0.0135 U	0.00108 U	0.0135 U	0.0027 U
				25	24.73	0.0284 U	0.00284 U	0.0284 U	0.0142 U	0.00567 U	0.0284 U	**0.04**	0.0142 U	0.00113 U	0.0142 U	0.00284 U
				30	19.73	0.0277 U	0.00277 U	0.0277 U	0.0139 U	0.00555 U	0.0277 U	**0.0301**	0.0139 U	0.00111 U	0.0139 U	0.00277 U
				35	14.73	0.0282 U	0.00282 U	0.0282 U	0.0141 U	0.00564 U	0.0282 U	0.0282 U	0.0141 U	0.00113 U	0.0141 U	0.00282 U
				40	9.73	0.0284 U	0.00284 U	0.0284 U	0.0142 U	0.00569 U	0.0284 U	0.0284 U	0.0142 U	0.00114 U	0.0142 U	0.00284 U
				45	4.73	0.0278 U	0.00278 U	0.0278 U	0.0139 U	0.00556 U	0.0278 U	0.0278 U	0.0139 U	0.00111 U	0.0139 U	0.00278 U
				50	-0.27	0.0299 U	0.00299 U	0.0299 U	0.015 U	0.00598 U	0.0299 U	0.0299 U	0.015 U	0.0012 U	0.015 U	0.00299 U
				55	-5.27	0.0283 U	0.00283 U	0.0283 U	0.0142 U	0.00566 U	0.0283 U	0.0283 U	0.0142 U	0.00113 U	0.0142 U	0.00283 U
				60	-10.27	0.0281 U	0.00281 U	0.0281 U	0.0141 U	0.00562 U	0.0281 U	0.0281 U	0.0141 U	0.00112 U	0.0141 U	0.00281 U
	9/10/2019			65	-15.27	0.0374 U	0.00374 U	0.0374 U	0.0187 U	0.00748 U	0.0374 U	0.0374 U	0.0187 U	0.0015 U	0.0187 U	0.00374 U
				70	-20.27	0.0283 U	0.00283 U	0.0283 U	0.0141 U	0.00566 U	0.0283 U	**0.0392**	0.0141 U	0.00113 U	0.0141 U	0.00283 U
MW-326	9/9/2019	N	41.31	5	36.31	0.0275 U	0.00275 U	0.0275 U	0.0138 U	0.00551 U	0.0275 U	**0.0283 J**	0.0138 U	**0.00274**	0.0138 U	0.00275 U
				10	31.31	**0.0223 J**	0.00333 U	0.0333 U	0.0166 U	0.00665 U	0.0333 U	**0.042 J**	0.0166 U	0.00133 U	0.0166 U	0.00333 U
				15	26.31	**0.0197 J**	0.00292 U	0.0292 U	0.0146 U	0.00585 U	0.0292 U	**0.0298 J**	0.0146 U	0.00117 U	0.0146 U	0.00292 U
				20	21.31	0.0293 U	0.00293 U	0.0293 U	0.0146 U	0.00585 U	0.0293 U	0.0293 U	0.0146 U	0.00117 U	0.0146 U	0.00293 U
				25	16.31	0.031 U	0.0031 U	0.031 U	0.0155 U	0.0062 U	0.031 U	0.031 U	0.0155 U	0.00124 U	0.0155 U	0.0031 U
				30	11.31	0.101 U	0.0101 U	0.101 U	0.0505 U	0.0202 U	0.101 U	**0.105 J**	0.0505 U	0.00404 U	0.0505 U	0.0101 U
				35	6.31	**0.0175 J**	0.00309 U	0.0309 U	0.0155 U	0.00618 U	0.0309 U	**0.0416 J**	0.0155 U	0.00124 U	0.0155 U	0.00309 U
				40	1.31	0.0298 U	0.00298 U	0.0298 U	0.0149 U	0.00596 U	0.0298 U	**0.0437 J**	0.0149 U	0.00119 U	0.0149 U	0.00298 U
				45	-3.69	0.0301 U	0.00301 U	0.0301 U	0.0151 U	0.00602 U	0.0301 U	0.0301 U	0.0151 U	0.0012 U	0.0151 U	0.00301 U
				50	-8.69	**0.0161 J**	0.00286 U	0.0286 U	0.0143 U	0.00572 U	0.0286 U	0.0286 U	0.0143 U	0.00114 U	0.0143 U	0.00286 U
				55	-13.69	0.0304 U	0.00304 U	0.0304 U	0.0152 U	0.00608 U	0.0304 U	0.0304 U	0.0152 U	0.00122 U	0.0152 U	0.00304 U
				60	-18.69	0.0272 U	0.00272 U	0.0272 U	0.0136 U	0.00543 U	0.0272 U	**0.0283**	0.0136 U	0.00109 U	0.0136 U	0.00272 U
				65	-23.69	0.029 U	0.0029 U	0.029 U	0.0145 U	0.0058 U	0.029 U	**0.0224 J**	0.0145 U	**0.000517 J**	0.0145 U	0.0029 U
				70	-28.69	0.0305 U	0.00305 U	0.0305 U	0.0152 U	0.00609 U	0.0305 U	**0.0284 J**	0.0152 U	0.00122 U	0.0152 U	0.00305 U
				75	-33.69	0.0303 U	0.00303 U	0.0303 U	0.0152 U	0.00606 U	0.0303 U	0.0303 U	0.0152 U	0.00121 U	0.0152 U	0.00303 U
				80	-38.69	0.0297 U	0.00297 U	0.0297 U	0.0149 U	0.00594 U	0.0297 U	0.0297 U	0.0149 U	0.00119 U	0.0149 U	0.00297 U
				85	-43.69	0.0292 U	0.00292 U	0.0292 U	0.0146 U	0.00584 U	0.0292 U	**0.0195 J**	0.0146 U	0.00117 U	0.0146 U	0.00292 U
	9/10/2019			90	-48.69	**0.0237 J**	0.00294 U	0.0294 U	0.0147 U	0.00589 U	0.0294 U	**0.0543**	0.0147 U	0.00118 U	0.0147 U	0.00294 U
				95	-53.69	0.0281 U	0.00281 U	0.0281 U	0.014 U	0.00562 U	0.0281 U	**0.0322**	0.014 U	0.00112 U	0.014 U	0.00281 U
				100	-58.69	0.0302 U	0.00302 U	0.0302 U	0.0151 U	0.00604 U	0.0302 U	0.0302 U	0.0151 U	0.00121 U	0.0151 U	0.00302 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0727 U	-	0.0162 U	0.0162 U	-	0.0485 U	0.0162 U	0.0485 U	0.0162 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0844 U	-	0.0187 U	0.0187 U	-	0.0562 U	0.0187 U	0.0562 U	0.0187 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0731 U	-	0.0162 U	0.0162 U	-	0.0487 U	0.0162 U	0.0487 U	0.0162 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0617 U	-	0.0137 U	0.0137 U	-	0.0411 U	0.0137 U	0.0411 U	0.0137 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0593 U	-	0.0132 U	0.0132 U	-	0.0395 U	0.0132 U	0.0395 U	0.0132 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.0612 U	-	0.0136 U	0.0136 U	-	0.0408 U	0.0136 U	0.0408 U	0.0136 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0735 U	-	0.0163 U	0.0163 U	-	0.049 U	0.0163 U	0.049 U	0.0163 U	0.0163 U
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0686 U	-	0.0152 U	0.0152 U	-	0.0457 U	0.0152 U	0.0457 U	0.0152 U	0.0152 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.106 U	-	0.0237 U	0.0237 U	-	0.071 U	0.0237 U	0.071 U	0.0237 U	0.0237 U
				22	17.05	0.0186 U	0.0836 U	-	0.0186 U	0.0186 U	-	0.0557 U	0.0186 U	0.0557 U	0.0186 U	0.0186 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.0779 U	-	0.0173 U	0.0173 U	-	0.0519 U	0.0173 U	0.0519 U	0.0173 U	0.0173 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.116 U	-	0.0257 U	0.0257 U	-	0.0772 U	0.0257 U	0.0772 U	0.0257 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	-	0.00542 U	0.00542 U	0.00271 U	0.00108 U	0.00108 U
				25	28.95	-	-	-	-	-	-	-	-	-	0.00108 U	-
				35	18.95	0.00118 U	0.00589 U	0.00118 U	0.00118 U	0.00118 U	0.00589 U	0.00589 U	0.00589 U	0.00295 UJ	**0.062**	0.00118 U
				45	8.95	0.00106 U	0.00532 U	**0.000807 J**	0.00106 U	0.00106 U	0.00532 U	0.00532 UJ	0.00532 U	0.00266 UJ	0.00106 U	0.00106 U
				55	-1.05	0.00111 U	0.00554 U	**0.000688 J**	0.00111 U	0.00111 U	0.00554 U	0.00554 UJ	0.00554 U	0.00277 UJ	0.00111 U	0.00111 U
				65	-11.05	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0286 U	0.143 U	0.143 UJ	0.143 U	0.0715 UJ	**1.55**	0.0286 U
				75	-21.05	0.0011 U	0.00551 U	**0.0000331 J**	0.0011 U	0.0011 U	0.00551 U	0.00551 UJ	0.00551 U	0.00276 UJ	0.0011 U	0.0011 U
				85	-31.05	0.00121 U	0.00603 U	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00603 U	0.00603 U	0.00301 U	0.00121 U	0.00121 U
				95	-41.05	0.0012 U	0.00598 U	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.00598 U	0.00598 U	0.00299 U	0.0012 U	0.0012 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	48.44 to 46.94	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	43.44 to 41.94	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	38.44 to 36.94	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	33.44 to 31.94	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	48.58 to 47.08	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	43.58 to 42.08	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	33.58 to 32.08	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				30 - 31.5	28.58 to 27.08	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	48.65 to 47.15	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	43.65 to 42.15	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	38.65 to 37.15	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				30 - 31.5	28.65 to 27.15	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	48.67 to 47.17	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		15 - 16.5	43.67 to 42.17	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	38.67 to 37.17	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	33.67 to 32.17	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	48.69 to 47.19	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	43.69 to 42.19	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	38.69 to 37.19	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	33.69 to 32.19	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	47.97 to 46.47	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	42.97 to 41.47	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	37.97 to 36.47	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	32.97 to 31.47	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	45.32 to 43.82	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	40.32 to 38.82	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.32 to 33.82	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	30.32 to 28.82	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	45.26 to 43.76	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	40.26 to 38.76	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.26 to 33.76	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	30.26 to 28.76	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				13 - 14.5	42.36 to 40.86	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	40.36 to 38.86	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.36 to 33.86	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	30.36 to 28.86	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				14 - 15.5	41.39 to 39.89	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				17 - 18.5	38.39 to 36.89	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.39 to 33.89	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	30.39 to 28.89	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	38.16 to 36.66	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	33.16 to 31.66	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		20 - 21.5	28.16 to 26.66	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	23.16 to 21.66	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	38.21 to 36.71	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	33.21 to 31.71	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		20 - 21.5	28.21 to 26.71	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	23.21 to 21.71	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	29.7 to 28.2	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	24.7 to 23.2	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	19.7 to 18.2	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	14.7 to 13.2	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	31.47 to 29.97	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	26.47 to 24.97	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	21.47 to 19.97	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				31 - 32.5	10.47 to 8.97	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26	32.21 to 31.21	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	47.61 to 46.11	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	42.61 to 41.11	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 31	27.61 to 26.61	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				26 - 26.8	32.20 to 31.40	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 30.5	28.20 to 27.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 31	23.81 to 22.81	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	45.02 to 43.52	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	40.02 to 38.52	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.02 to 33.52	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-
				25 - 26.5	30.02 to 28.52	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	45.45 to 43.95	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	40.45 to 38.95	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	35.45 to 33.95	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		25 - 26.5	30.45 to 28.95	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	44.84 to 43.34	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-
				15 - 16.5	39.84 to 38.34	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	34.84 to 33.34	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	29.84 to 28.34	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 12.5	44.61 to 42.11	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	39.61 to 38.11	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		20 - 23	34.61 to 31.61	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-
				25 - 26.5	29.61 to 28.11	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	40.53 to 39.03	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	35.53 to 34.03	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	30.53 to 29.03	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	25.53 to 24.03	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	40.33 to 38.83	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	35.33 to 33.83	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	30.33 to 28.83	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	25.33 to 23.83	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	39.41 to 37.91	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	34.41 to 32.91	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	29.41 to 27.91	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	24.41 to 22.91	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	39.66 to 38.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	34.66 to 33.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		FD				-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
		N		20 - 21.5	29.66 to 28.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	24.66 to 23.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	37.55 to 36.05	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	32.55 to 31.05	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	27.55 to 26.05	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	22.55 to 21.05	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				10 - 11.5	39.66 to 38.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				15 - 16.5	34.66 to 33.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				20 - 21.5	29.66 to 28.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
				25 - 26.5	24.66 to 23.16	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	43.70 to 42.20	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 15.5	38.70 to 38.20	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.9	33.70 to 32.80	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16	39.88 to 38.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11	41.68 to 40.68	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	37.53 to 36.03	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	37.60 to 36.10	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.25	27.05 to 25.8	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 30.5	12.05 to 11.55	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.1	37.18 to 36.08	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26	22.18 to 21.18	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 31	17.18 to 16.18	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	**0.014**	0.005 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.4	44.10 to 42.70	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21	34.10 to 33.10	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 31	24.10 to 23.10	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				26	21.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	**0.26**	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	34 to 33	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11.5	44.72 to 43.22	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 14	42.22 to 40.72	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	39.72 to 38.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				20	25.59	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				30	15.59	-	-	-	-	-	-	0.5 U	-	-	**0.086**	-
	8/8/2012			40	5.59	-	-	-	-	-	-	0.5 U	-	-	**0.22**	-
				50	-4.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
	8/9/2012			60	-14.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				70	-24.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				80	-34.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				90	-44.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
	8/10/2012			100	-54.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				110	-64.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				120	-74.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				130	-84.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				138	-92.41	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				20	32.90	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				30	22.90	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				40	12.90	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				50	2.90	-	-	-	-	-	-	0.5 U	-	-	**0.11**	-
				60	-7.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
	8/15/2012			70	-17.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				80	-27.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				90	-37.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				100	-47.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				110	-57.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				120	-67.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				130	-77.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				140	-87.10	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				25	17.43	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				35	7.43	-	-	-	-	-	-	0.5 U	-	-	**0.11**	-
				40	2.43	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				45	-2.57	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				20	37.78	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				30	27.78	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				40	17.78	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				50	7.78	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				20	34.50	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				30	24.50	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				40	14.50	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				50	4.50	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				20	17.66	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				30	7.66	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
				40	-2.34	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00114 U	-	0.0057 U	0.0057 U	0.00285 U	0.00114 U	0.00114 U
				25	25.32	0.00108 U	0.00542 U	**0.000278 J**	0.00108 U	0.00108 U	-	0.00542 U	0.00542 U	0.00271 U	**0.00199**	0.00108 U
				35	15.32	0.0291 U	0.146 U	0.0291 U	0.0291 U	0.0291 U	-	0.146 U	0.146 U	0.0728 U	**0.387**	0.0291 U
				45	5.32	0.00107 U	0.00534 U	**0.000774 J**	0.00107 U	0.00107 U	-	0.00534 U	0.00534 U	0.00267 U	**0.0431**	0.00107 U
				55	-4.68	0.0011 U	0.00549 U	**0.00196**	0.0011 U	0.0011 U	-	0.00549 U	0.00549 U	0.00274 U	**0.13**	0.0011 U
				65	-14.68	0.00107 U	0.00535 U	**0.00384**	0.00107 U	0.00107 U	-	0.00535 U	0.00535 U	0.00268 U	0.00107 U	0.00107 U
				75	-24.68	0.027 U	0.135 U	0.027 U	0.027 U	0.027 U	-	0.135 U	0.135 U	0.0674 U	0.027 U	0.027 U
				90	-39.68	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	-	0.00588 U	0.00588 U	0.00294 U	0.00118 U	0.00118 U
	8/31/2017			110	-59.68	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	-	0.00579 U	0.00579 U	0.0029 U	0.00116 U	0.00116 U
				130	-79.68	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00113 U	-	0.00565 U	0.00565 U	0.00283 U	0.00113 U	0.00113 U
				140	-89.68	0.0282 U	0.141 U	0.0282 U	0.0282 U	0.0282 U	-	0.141 UJ	0.141 U	0.0706 UJ	0.0282 U	0.0282 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00543 U	**0.000653 J**	0.00109 U	0.00109 U	0.00543 U	0.00543 U	0.00543 U	0.00271 U	0.00109 U	0.00109 U
				20	32.49	0.00108 U	0.0054 U	**0.0014**	0.00108 U	0.00108 U	0.0054 U	0.0054 U	0.0054 U	0.0027 U	0.00108 U	0.00108 U
				30	22.49	0.00112 U	0.00558 U	0.00112 U	0.00112 U	0.00112 U	0.00558 U	0.00558 U	0.00558 U	0.00279 U	**0.00239**	0.00112 U
				40	12.49	0.0011 U	0.00552 U	**0.000405 J**	0.0011 U	0.0011 U	0.00552 U	0.00552 U	0.00552 U	0.00276 U	**0.00488**	0.0011 U
				50	2.49	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00554 U	0.00554 U	0.00277 U	**0.00432**	0.00111 U
				60	-7.51	0.00108 U	0.00538 U	0.00108 U	0.00108 U	0.00108 U	0.00538 U	0.00538 U	0.00538 U	0.00269 U	**0.000696 J**	0.00108 U
				70	-17.51	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.0056 U	0.0056 U	0.0028 U	0.00112 U	0.00112 U
				80	-27.51	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00579 U	0.00579 U	0.00289 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00577 U	**0.0013**	0.00115 U	0.00115 U	0.00577 U	0.00577 U	0.00577 U	0.00288 U	0.00115 U	0.00115 U
				20	24.29	0.00108 U	0.00542 U	**0.0002247 J**	0.00108 U	0.00108 U	0.00542 U	0.00542 U	0.00542 U	0.00271 U	0.00108 U	0.00108 U
				30	14.29	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00561 U	0.00561 U	0.00281 U	**0.00364**	0.00112 U
				40	4.29	0.00109 U	0.00543 U	**0.000261 J**	0.00109 U	0.00109 U	0.00543 U	0.00543 U	0.00543 U	0.00272 U	**0.00113**	0.00109 U
				50	-5.71	0.0011 U	0.00551 U	**0.000256 J**	0.0011 U	0.0011 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	0.0011 U	0.0011 U
				60	-15.71	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00631 U	0.00631 U	0.00315 U	0.00126 U	0.00126 U
				70	-25.71	0.00126 U	0.0063 U	**0.000395 J**	0.00126 U	0.00126 U	0.0063 U	0.0063 U	0.0063 U	0.00315 U	**0.00038 J**	0.00126 U
				80	-35.71	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00588 U	0.00588 U	0.00294 U	**0.000314 J**	0.00118 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chlorobromo methane	Chloroethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 UJ	0.00567 U	0.00113 U	0.00113 U	0.00113 U	0.00567 U	0.00567 U	0.00567 U	0.00284 U	0.00113 U	0.00113 U
				20	34.84	0.00109 UJ	0.00547 U	0.00109 U	0.00109 U	0.00109 U	0.00547 U	0.00547 U	0.00547 U	0.00274 U	0.00109 U	0.00109 U
				30	24.84	0.00107 UJ	0.00536 U	0.00107 U	0.00107 U	0.00107 U	0.00536 U	0.00536 U	0.00536 U	0.00268 U	0.00107 U	0.00107 U
				40	14.84	0.00113 UJ	0.00566 U	**0.000332 J**	0.00113 U	0.00113 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U	**0.00421**	0.00113 U
				50	4.84	0.00111 UJ	0.00555 U	0.00111 U	0.00111 U	0.00111 U	0.00555 U	0.00555 U	0.00555 U	0.00277 U	0.00111 U	0.00111 U
				61	-6.16	0.00114 UJ	0.00568 U	0.00114 U	0.00114 U	0.00114 U	0.00568 U	0.00568 U	0.00568 U	0.00284 U	0.00114 U	0.00114 U
				70	-15.16	0.00111 UJ	0.00557 U	0.00111 U	0.00111 U	0.00111 U	0.00557 U	0.00557 U	0.00557 U	0.00278 U	0.00111 U	0.00111 U
	3/28/2018			80	-25.16	0.0011 UJ	0.00552 U	**0.000314 J**	0.0011 U	0.0011 U	0.00552 U	0.00552 U	0.00552 U	0.00276 U	**0.000353 J**	0.0011 U
				90	-35.16	0.0012 UJ	0.00602 U	**0.000436 J**	0.0012 U	0.0012 U	0.00602 U	0.00602 U	0.00602 U	0.00301 U	**0.000596 J**	0.0012 U
				110	-55.16	0.00118 UJ	0.00588 U	**0.000319 J**	0.00118 U	0.00118 U	0.00588 U	0.00588 U	0.00588 U	0.00294 U	**0.000773 J**	0.00118 U
	3/29/2018			130	-75.16	0.00115 UJ	0.00574 U	0.00115 U	0.00115 U	0.00115 U	0.00574 U	0.00574 U	0.00574 U	0.00287 U	0.00115 U	0.00115 U
MW-316	9/9/2019	N	49.73	5	44.73	0.0271 U	0.0135 U	0.0135 U	0.00541 U	0.00271 U	0.00541 U	0.00541 U	0.00271 U	0.0135 U	0.00271 U	0.00271 U
				10	39.73	0.0283 U	0.0141 U	0.0141 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0141 U	0.00283 U	0.00283 U
				15	34.73	0.0281 U	0.0141 U	0.0141 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.0141 U	0.00281 U	0.00281 U
				20	29.73	0.027 U	0.0135 U	0.0135 U	0.00539 U	0.0027 U	0.00539 U	0.00539 U	0.0027 U	0.0135 U	0.0027 U	0.0027 U
				25	24.73	0.0284 U	0.0142 U	0.0142 U	0.00567 U	0.00284 U	0.00567 U	0.00567 U	0.00284 U	0.0142 U	**0.00142 J**	0.00284 U
				30	19.73	0.0277 U	0.0139 U	0.0139 U	0.00555 U	0.00277 U	0.00555 U	0.00555 U	0.00277 U	0.0139 U	0.00277 U	0.00277 U
				35	14.73	0.0282 U	0.0141 U	0.0141 U	0.00564 U	0.00282 U	0.00564 U	0.00564 U	0.00282 U	0.0141 U	0.00282 U	0.00282 U
				40	9.73	0.0284 U	0.0142 U	0.0142 U	0.00569 U	0.00284 U	0.00569 U	0.00569 U	0.00284 U	0.0142 U	0.00284 U	0.00284 U
				45	4.73	0.0278 U	0.0139 U	0.0139 U	0.00556 U	0.00278 U	0.00556 U	0.00556 U	0.00278 U	0.0139 U	0.00278 U	0.00278 U
				50	-0.27	0.0299 U	0.015 U	0.015 U	0.00598 U	0.00299 U	0.00598 U	0.00598 U	0.00299 U	0.015 U	0.00299 U	0.00299 U
				55	-5.27	0.0283 U	0.0142 U	0.0142 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0142 U	0.00283 U	0.00283 U
				60	-10.27	0.0281 U	0.0141 U	0.0141 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.0141 U	0.00281 U	0.00281 U
	9/10/2019			65	-15.27	0.0374 U	0.0187 U	0.0187 U	0.00748 U	0.00374 U	0.00748 U	0.00748 U	0.00374 U	0.0187 U	0.00374 U	0.00374 U
				70	-20.27	0.0283 U	0.0141 U	0.0141 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0141 U	0.00283 U	0.00283 U
MW-326	9/9/2019	N	41.31	5	36.31	0.0275 U	0.0138 U	0.0138 U	0.00551 U	0.00275 U	0.00551 U	0.00551 U	0.00275 U	0.0138 U	0.00275 U	0.00275 U
				10	31.31	0.0333 U	0.0166 U	0.0166 U	0.00665 U	0.00333 U	0.00665 U	0.00665 U	0.00333 U	0.0166 U	0.00333 U	0.00333 U
				15	26.31	0.0292 U	0.0146 U	0.0146 U	0.00585 U	0.00292 U	0.00585 U	0.00585 U	0.00292 U	0.0146 U	0.00292 U	0.00292 U
				20	21.31	0.0293 U	0.0146 U	0.0146 U	0.00586 U	0.00293 U	0.00585 U	0.00585 U	0.00293 U	0.0146 U	0.00293 U	0.00293 U
				25	16.31	0.031 U	0.0155 U	0.0155 U	0.0062 U	0.0031 U	0.0062 U	0.0062 U	0.0031 U	0.0155 U	0.0031 U	0.0031 U
				30	11.31	0.101 U	0.0505 U	0.0505 U	0.0202 U	0.0101 U	0.0202 U	0.0202 U	0.0101 U	0.0505 U	0.0101 U	0.0101 U
				35	6.31	0.0309 U	0.0155 U	0.0155 U	0.00618 U	0.00309 U	0.00618 U	0.00618 U	0.00309 U	0.0155 U	0.00309 U	0.00309 U
				40	1.31	0.0298 U	0.0149 U	0.0149 U	0.00596 U	0.00298 U	0.00596 U	0.00596 U	0.00298 U	0.0149 U	0.00298 U	0.00298 U
				45	-3.69	0.0301 U	0.0151 U	0.0151 U	0.00602 U	0.00301 U	0.00602 U	0.00602 U	**0.000914 J**	0.0151 U	**0.0617**	0.00301 U
				50	-8.69	0.0286 U	0.0143 U	0.0143 U	0.00572 U	0.00286 U	0.00572 U	0.00572 U	0.00286 U	0.0143 U	**0.0057**	0.00286 U
				55	-13.69	0.0304 U	0.0152 U	0.0152 U	0.00608 U	0.00304 U	0.00608 U	0.00608 U	0.00304 U	0.0152 U	**0.015**	0.00304 U
				60	-18.69	0.0272 U	0.0136 U	0.0136 U	0.00543 U	0.00272 U	0.00543 U	0.00543 U	0.00272 U	0.0136 U	**0.00433**	0.00272 U
				65	-23.69	0.029 U	0.0145 U	0.0145 U	0.0058 U	0.0029 U	0.0058 U	0.0058 U	0.0029 U	0.0145 U	**0.00508**	0.0029 U
				70	-28.69	0.0305 U	0.0152 U	0.0152 U	0.00609 U	0.00305 U	0.00609 U	0.00609 U	0.00305 U	0.0152 U	**0.00136 J**	0.00305 U
				75	-33.69	0.0303 U	0.0152 U	0.0152 U	0.00606 U	0.00303 U	0.00606 U	0.00606 U	0.00303 U	0.0152 U	0.00303 U	0.00303 U
				80	-38.69	0.0297 U	0.0149 U	0.0149 U	0.00594 U	0.00297 U	0.00594 U	0.00594 U	0.00297 U	0.0149 U	0.00297 U	0.00297 U
				85	-43.69	0.0292 U	0.0146 U	0.0146 U	0.00584 U	0.00292 U	0.00584 U	0.00584 U	0.00292 U	0.0146 U	0.00292 U	0.00292 U
	9/10/2019			90	-48.69	0.0294 U	0.0147 U	0.0147 U	0.00589 U	0.00294 U	0.00589 U	0.00589 U	0.00294 U	0.0147 U	0.00294 U	0.00294 U
				95	-53.69	0.0281 U	0.014 U	0.014 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.014 U	0.00281 U	0.00281 U
				100	-58.69	0.0302 U	0.0151 U	0.0151 U	0.00604 U	0.00302 U	0.00604 U	0.00604 U	0.00302 U	0.0151 U	0.00302 U	0.00302 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0242 U	0.0323 U	0.0485 U	-	0.0242 U	0.0808 U	-	-	0.0646 U	-
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0281 U	0.0375 U	0.0562 U	-	0.0281 U	0.0937 U	-	-	0.075 U	-
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0244 U	0.0325 U	0.0487 U	-	0.0244 U	0.0812 U	-	-	0.065 U	-
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0206 U	0.0274 U	0.0411 U	-	0.0206 U	0.0685 U	-	-	0.0548 U	-
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0198 U	0.0263 U	0.0395 U	-	0.0198 U	0.0658 U	-	-	0.0527 U	-
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.0204 U	0.0272 U	0.0408 U	-	0.0204 U	0.0681 U	-	-	0.0544 U	-
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0245 U	0.0327 U	0.049 U	-	0.0245 U	0.0817 U	-	-	0.0654 U	-
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0229 U	0.0305 U	0.0457 U	-	0.0229 U	0.0762 U	-	-	0.061 U	-
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.0355 U	0.0473 U	0.071 U	-	0.0355 U	0.118 U	-	-	0.0946 U	-
				22	17.05	0.0186 U	0.0279 U	0.0371 U	0.0557 U	-	0.0279 U	0.0928 U	-	-	0.0743 U	-
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.026 U	0.0346 U	0.0519 U	-	0.026 U	0.0866 U	-	-	0.0692 U	-
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.0386 U	0.0515 U	0.0772 U	-	0.0386 U	0.129 U	-	-	0.103 U	-
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	-	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	-	-	-	-
				25	28.95	-	-	-	-	-	-	-	-	-	-	-
				35	18.95	0.00118 U	0.00118 U	0.00118 U	0.00589 U	0.00118 UJ	0.00118 U	0.00118 U	**0.000447 J**	0.0118 U	0.00118 U	-
				45	8.95	0.00106 U	0.00106 U	0.00106 U	0.00532 U	0.00106 U	0.00106 U	0.00106 U	**0.00329 J**	0.0106 U	0.00106 U	-
				55	-1.05	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	**0.000446 J**	0.0111 U	0.00111 U	-
				65	-11.05	0.0286 U	0.0286 U	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0286 U	0.286 UJ	0.286 U	0.0286 U	-
				75	-21.05	0.0011 U	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.011 UJ	0.011 U	0.0011 U	-
				85	-31.05	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00121 U	0.00121 U	0.00121 U	0.0121 U	0.0121 U	0.00121 U	-
				95	-41.05	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.0012 U	0.0012 U	0.0012 U	0.012 U	0.012 U	0.0012 U	-
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	UND	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	UND	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	UND	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	0.0199 U	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	0.0257 U	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	0.0238 U	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	0.0221 U	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	0.0552 U	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	0.0252 U	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	0.0243 U	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	-	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	-	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	-	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	-	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	48.44 to 46.94	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	43.44 to 41.94	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	38.44 to 36.94	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	33.44 to 31.94	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	48.58 to 47.08	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	43.58 to 42.08	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	33.58 to 32.08	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				30 - 31.5	28.58 to 27.08	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	48.65 to 47.15	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	43.65 to 42.15	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	38.65 to 37.15	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				30 - 31.5	28.65 to 27.15	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD		10 - 11.5	48.67 to 47.17	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
						-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		N		15 - 16.5	43.67 to 42.17	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	38.67 to 37.17	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	33.67 to 32.17	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	48.69 to 47.19	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	43.69 to 42.19	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	38.69 to 37.19	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	33.69 to 32.19	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	47.97 to 46.47	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	42.97 to 41.47	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	37.97 to 36.47	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	32.97 to 31.47	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	45.32 to 43.82	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	40.32 to 38.82	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.32 to 33.82	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	30.32 to 28.82	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	45.26 to 43.76	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	40.26 to 38.76	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.26 to 33.76	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	30.26 to 28.76	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				13 - 14.5	42.36 to 40.86	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	40.36 to 38.86	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.36 to 33.86	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	30.36 to 28.86	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				14 - 15.5	41.39 to 39.89	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				17 - 18.5	38.39 to 36.89	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.39 to 33.89	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	30.39 to 28.89	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	38.16 to 36.66	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	33.16 to 31.66	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		N		20 - 21.5	28.16 to 26.66	-	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-
				25 - 26.5	23.16 to 21.66	-	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	38.21 to 36.71	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	33.21 to 31.71	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		N		20 - 21.5	28.21 to 26.71	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	23.21 to 21.71	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	29.7 to 28.2	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	24.7 to 23.2	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	19.7 to 18.2	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	14.7 to 13.2	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	31.47 to 29.97	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	26.47 to 24.97	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	21.47 to 19.97	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				31 - 32.5	10.47 to 8.97	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.25	47.21 to 45.96	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.33	42.21 to 40.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.75	37.21 to 36.46	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 26	32.21 to 31.21	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.5	47.61 to 46.11	**0.015**	0.005 U	0.005 U	0.05 U	-	**0.0059**	0.025 U	0.025 U	-	**0.0079**	-
				15 - 16.5	42.61 to 41.11	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.9	37.61 to 36.71	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 25.8	32.61 to 31.81	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				30 - 31	27.61 to 26.61	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 10.75	48.20 to 47.45	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.5	43.20 to 41.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 21.5	38.20 to 36.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				26 - 26.8	32.20 to 31.40	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				30 - 30.5	28.20 to 27.70	**0.006**	0.005 U	0.005 U	0.05 U	-	**0.013**	0.025 U	0.025 U	-	0.005 U	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.5	43.81 to 42.31	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.5	38.81 to 37.31	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 21.25	33.81 to 32.56	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 26.4	28.81 to 27.41	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				30 - 31	23.81 to 22.81	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	45.02 to 43.52	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	40.02 to 38.52	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.02 to 33.52	-	0.05 U	-	-	-	**0.72**	0.25 UJ	-	-	-	-
				25 - 26.5	30.02 to 28.52	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	45.45 to 43.95	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	40.45 to 38.95	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	35.45 to 33.95	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		N		25 - 26.5	30.45 to 28.95	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	44.84 to 43.34	-	0.05 U	-	-	-	**0.82**	0.25 UJ	-	-	-	-
				15 - 16.5	39.84 to 38.34	-	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-
				20 - 21.5	34.84 to 33.34	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	29.84 to 28.34	-	0.005 U	-	-	-	**0.021**	0.025 UJ	-	-	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 12.5	44.61 to 42.11	-	0.005 U	-	-	-	**0.0052 J**	0.025 UJ	-	-	-	-
		FD				-	0.005 U	-	-	-	**0.025**	0.025 UJ	-	-	-	-
				15 - 16.5	39.61 to 38.11	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
		N		20 - 23	34.61 to 31.61	-	0.05 U	-	-	-	**0.15**	0.25 UJ	-	-	-	-
				25 - 26.5	29.61 to 28.11	-	0.005 U	-	-	-	**0.006**	0.025 UJ	-	-	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	40.53 to 39.03	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	35.53 to 34.03	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	30.53 to 29.03	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	25.53 to 24.03	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	40.33 to 38.83	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	35.33 to 33.83	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	30.33 to 28.83	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	25.33 to 23.83	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				10 - 11.5	39.41 to 37.91	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				15 - 16.5	34.41 to 32.91	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				20 - 21.5	29.41 to 27.91	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
				25 - 26.5	24.41 to 22.91	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
		FD		15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
						-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
		N		20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				10 - 11.5	37.55 to 36.05	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				15 - 16.5	32.55 to 31.05	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				20 - 21.5	27.55 to 26.05	-	0.005 U	-	-	-	0.02 U	0.025 UJ	-	-	-	-
				25 - 26.5	22.55 to 21.05	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**0.59**	**0.0081**	0.005 U	0.05 U	-	**0.91**	0.025 U	0.25 U	-	**0.55**	-
				10 - 11.5	43.70 to 42.20	**0.16**	0.005 U	0.005 U	0.05 U	-	**0.13**	0.025 U	0.25 U	-	**0.075**	-
				15 - 15.5	38.70 to 38.20	**0.0059**	0.005 U	0.005 U	0.05 U	-	**0.014**	0.025 U	0.025 U	-	**0.0062**	-
				20 - 20.9	33.70 to 32.80	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 10.75	44.88 to 44.13	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16	39.88 to 38.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 25.9	29.88 to 28.98	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 10.9	41.33 to 40.43	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.4	36.33 to 34.93	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.75	31.33 to 30.58	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11	41.68 to 40.68	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 15.4	36.68 to 36.28	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.8	31.68 to 30.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.5	37.53 to 36.03	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.33	32.53 to 31.2	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.5	27.53 to 27.03	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.5	37.60 to 36.10	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 15.9	32.60 to 31.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 20.9	27.60 to 26.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.25	27.05 to 25.8	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 21.3	22.05 to 20.75	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 26.3	17.05 to 15.75	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				30 - 30.5	12.05 to 11.55	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.1	37.18 to 36.08	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.25	32.18 to 30.93	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				20 - 21.3	27.18 to 25.88	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				25 - 26	22.18 to 21.18	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				30 - 31	17.18 to 16.18	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				10 - 11.4	44.10 to 42.70	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-
				15 - 16.5	39.10 to 37.60	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-
				20 - 21	34.10 to 33.10	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-
				25 - 25.8	29.10 to 28.30	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-
				30 - 31	24.10 to 23.10	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				26	21.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	34 to 33	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	-	0.02 U	0.05 U	0.05 U	-	**0.17 J**	0.05 U	-	-	0.05 U	0.05 U
				10 - 11.5	44.72 to 43.22	-	0.02 U	0.05 U	0.05 U	-	**3.9**	0.05 U	-	-	**0.97**	**0.97**
				12.5 - 14	42.22 to 40.72	-	0.02 U	0.05 U	0.05 U	-	**0.5 J**	0.05 U	-	-	**0.085 J**	**0.103 J**
				15 - 15.8	39.72 to 38.92	-	0.02 U	0.05 U	0.05 U	-	**0.11**	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	-	0.02 U	0.05 U	0.05 U	-	**0.06 J**	0.05 U	-	-	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	-	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	-	-	-	-	-	-	-	-	-	-
				20	25.59	-	-	-	-	-	-	-	-	-	-	-
				30	15.59	-	-	-	-	-	-	-	-	-	-	-
	8/8/2012			40	5.59	-	-	-	-	-	-	-	-	-	-	-
				50	-4.41	-	-	-	-	-	-	-	-	-	-	-
	8/9/2012			60	-14.41	-	-	-	-	-	-	-	-	-	-	-
				70	-24.41	-	-	-	-	-	-	-	-	-	-	-
				80	-34.41	-	-	-	-	-	-	-	-	-	-	-
				90	-44.41	-	-	-	-	-	-	-	-	-	-	-
	8/10/2012			100	-54.41	-	-	-	-	-	-	-	-	-	-	-
				110	-64.41	-	-	-	-	-	-	-	-	-	-	-
				120	-74.41	-	-	-	-	-	-	-	-	-	-	-
				130	-84.41	-	-	-	-	-	-	-	-	-	-	-
				138	-92.41	-	-	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	-	-	-	-	-	-	-
				20	32.90	-	-	-	-	-	-	-	-	-	-	-
				30	22.90	-	-	-	-	-	-	-	-	-	-	-
				40	12.90	-	-	-	-	-	-	-	-	-	-	-
				50	2.90	-	-	-	-	-	-	-	-	-	-	-
				60	-7.10	-	-	-	-	-	-	-	-	-	-	-
	8/15/2012			70	-17.10	-	-	-	-	-	-	-	-	-	-	-
				80	-27.10	-	-	-	-	-	-	-	-	-	-	-
				90	-37.10	-	-	-	-	-	-	-	-	-	-	-
				100	-47.10	-	-	-	-	-	-	-	-	-	-	-
				110	-57.10	-	-	-	-	-	-	-	-	-	-	-
				120	-67.10	-	-	-	-	-	-	-	-	-	-	-
				130	-77.10	-	-	-	-	-	-	-	-	-	-	-
				140	-87.10	-	-	-	-	-	-	-	-	-	-	-

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	-	-	-	-	-	-	-
				25	17.43	-	-	-	-	-	-	-	-	-	-	-
				35	7.43	-	-	-	-	-	-	-	-	-	-	-
				40	2.43	-	-	-	-	-	-	-	-	-	-	-
				45	-2.57	-	-	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	-	-
				30	27.78	-	-	-	-	-	-	-	-	-	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	-	-	-	-	-	-	-
				20	34.50	-	-	-	-	-	-	-	-	-	-	-
				30	24.50	-	-	-	-	-	-	-	-	-	-	-
				40	14.50	-	-	-	-	-	-	-	-	-	-	-
				50	4.50	-	-	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	-	-	-	-	-	-	-
				20	17.66	-	-	-	-	-	-	-	-	-	-	-
				30	7.66	-	-	-	-	-	-	-	-	-	-	-
				40	-2.34	-	-	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	-	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00114 U	0.0114 U	0.0114 U	0.00114 U	-
				25	25.32	0.00108 U	-	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	**0.000406 J**	0.0108 U	0.00108 U	-
				35	15.32	0.0291 U	-	0.0291 U	0.146 U	0.0291 U	0.0291 U	0.0291 U	0.291 U	0.291 U	0.0291 U	-
				45	5.32	0.00107 U	-	0.00107 U	0.00534 U	0.00107 U	0.00107 U	0.00107 U	**0.00107 J**	0.0107 U	0.00107 U	-
				55	-4.68	0.0011 U	-	0.0011 U	0.00549 U	0.0011 U	0.0011 U	0.0011 U	**0.0134**	0.011 U	0.0011 U	-
				65	-14.68	0.00107 U	-	0.00107 U	0.00535 U	0.00107 U	0.00107 U	0.00107 U	**0.0087 J**	0.0107 U	0.00107 U	-
				75	-24.68	0.027 U	-	0.027 U	0.135 U	0.027 U	0.027 U	0.027 U	0.27 U	0.27 U	0.027 U	-
				90	-39.68	0.00118 U	-	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	**0.00188 J**	0.0118 U	0.00118 U	-
	8/31/2017			110	-59.68	0.00116 U	-	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	**0.000364 J**	0.0116 U	0.00116 U	-
				130	-79.68	0.00113 U	-	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00113 U	**0.000357 J**	0.0113 U	0.00113 U	-
				140	-89.68	0.0282 U	-	0.0282 U	0.141 U	0.0282 UJ	0.0282 U	0.0282 U	**0.0157 J**	0.282 U	0.0282 U	-
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-
				20	32.49	0.00108 U	0.00108 U	0.00108 U	0.0054 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-
				30	22.49	0.00112 U	0.00112 U	0.00112 U	0.00558 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.0112 U	0.00112 U	-
				40	12.49	0.0011 U	0.0011 U	0.0011 U	0.00552 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-
				50	2.49	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-
				60	-7.51	0.00108 U	0.00108 U	0.00108 U	0.00538 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-
				70	-17.51	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.0112 U	0.00112 U	-
				80	-27.51	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.0116 U	0.0116 U	0.00116 U	-
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00115 U	0.00577 U	0.00115 U	0.00115 U	0.00115 U	**0.00937 J**	0.0115 U	0.00115 U	-
				20	24.29	0.00108 U	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-
				30	14.29	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00112 U	**0.000376 J**	0.0112 U	0.00112 U	-
				40	4.29	0.00109 U	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-
				50	-5.71	0.0011 U	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-
				60	-15.71	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00126 U	0.0126 U	0.0126 U	0.00126 U	-
				70	-25.71	0.00126 U	0.00126 U	0.00126 U	0.0063 U	0.00126 U	0.00126 U	0.00126 U	**0.00557 J**	0.0126 U	0.00126 U	-
				80	-35.71	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	**0.00183 J**	0.0118 U	0.00118 U	-

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethylbenzene	Hexa chloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00113 U	0.00567 U	0.00113 UJ	0.00113 U	0.00113 U	0.0113 U	0.0113 U	0.00113 U	-
				20	34.84	0.00109 U	0.00109 U	0.00109 U	0.00547 U	0.00109 UJ	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-
				30	24.84	0.00107 U	0.00107 U	0.00107 U	0.00536 U	0.00107 UJ	0.00107 U	0.00107 U	0.0107 U	0.0107 U	0.00107 U	-
				40	14.84	0.00113 U	0.00113 U	0.00113 U	0.00566 U	0.00113 UJ	0.00113 U	0.00113 U	0.0113 U	0.0113 U	0.00113 U	-
				50	4.84	0.00111 U	0.00111 U	0.00111 U	0.00555 U	0.00111 UJ	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-
				61	-6.16	0.00114 U	0.00114 U	0.00114 U	0.00568 U	0.00114 UJ	0.00114 U	0.00114 U	0.0114 U	0.0114 U	0.00114 U	-
				70	-15.16	0.00111 U	0.00111 U	0.00111 U	0.00557 U	0.00111 UJ	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.0011 U	0.00552 U	0.0011 UJ	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-
				90	-35.16	0.0012 U	0.0012 U	0.0012 U	0.00602 U	0.0012 UJ	0.0012 U	0.0012 U	0.012 U	0.012 U	0.0012 U	-
				110	-55.16	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 UJ	0.00118 U	0.00118 U	0.0118 U	0.0118 U	0.00118 U	-
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00115 U	0.00574 U	0.00115 UJ	0.00115 U	0.00115 U	0.0115 U	0.0115 U	0.00115 U	-
MW-316	9/9/2019	N	49.73	5	44.73	0.00541 U	0.00271 U	0.00541 U	0.00271 U	0.00108 U	0.00271 U	0.0271 U	**0.00567**	0.0135 U	0.00271 U	-
				10	39.73	0.00566 U	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00978**	0.0141 U	0.00283 U	-
				15	34.73	0.00562 U	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	**0.00364 J**	0.0141 U	0.00281 U	-
				20	29.73	0.00539 U	0.0027 U	0.00539 U	0.0027 U	0.00108 U	0.0027 U	0.027 U	**0.004 J**	0.0135 U	0.0027 U	-
				25	24.73	0.00567 U	0.00284 U	0.00567 U	0.00284 U	0.00113 U	0.00284 U	0.0284 U	**0.00626**	0.0142 U	0.00284 U	-
				30	19.73	0.00555 U	0.00277 U	0.00555 U	0.00277 U	0.00111 U	0.00277 U	0.0277 U	**0.00285 J**	0.0139 U	0.00277 U	-
				35	14.73	0.00564 U	0.00282 U	0.00564 U	0.00282 U	0.00113 U	0.00282 U	0.0282 U	**0.00409 J**	0.0141 U	0.00282 U	-
				40	9.73	0.00569 U	0.00284 U	0.00569 U	0.00284 U	0.00114 U	0.00284 U	0.0284 U	**0.00485 J**	0.0142 U	0.00284 U	-
				45	4.73	0.00556 U	0.00278 U	0.00556 U	0.00278 U	0.00111 U	0.00278 U	0.0278 U	**0.00338 J**	0.0139 U	0.00278 U	-
				50	-0.27	0.00598 U	0.00299 U	0.00598 U	0.00299 U	0.0012 U	0.00299 U	0.0299 U	**0.00718**	0.015 U	0.00299 U	-
				55	-5.27	0.00566 U	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00267 J**	0.0142 U	0.00283 U	-
				60	-10.27	0.00562 U	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	**0.00484 J**	0.0141 U	0.00281 U	-
	9/10/2019			65	-15.27	0.00748 U	0.00374 U	0.00748 U	0.00374 U	0.0015 U	0.00374 U	0.0374 U	**0.00602 J**	0.0187 U	0.00374 U	-
				70	-20.27	0.00566 U	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00431 J**	0.0141 U	0.00283 U	-
MW-326	9/9/2019	N	41.31	5	36.31	0.00551 U	0.00275 U	0.00551 U	0.00275 U	0.0011 U	**0.00213 J**	0.0275 U	**0.00634**	0.0138 U	0.00275 U	-
				10	31.31	0.00665 U	0.00333 U	0.00665 U	0.00333 U	0.00133 U	0.00333 U	0.0333 U	**0.00462 J**	0.0166 U	0.00333 U	-
				15	26.31	0.00585 U	0.00292 U	0.00585 U	0.00292 U	0.00117 U	0.00292 U	0.0292 U	**0.00338 J**	0.0146 U	0.00292 U	-
				20	21.31	0.00585 U	0.00293 U	0.00585 U	0.00293 U	0.00117 U	0.00293 U	0.0293 U	0.00585 U	0.0146 U	0.00293 U	-
				25	16.31	0.0062 U	0.0031 U	0.0062 U	0.0031 U	0.00124 U	0.0031 U	0.031 U	**0.00347 J**	0.0155 U	0.0031 U	-
				30	11.31	0.0202 U	0.0101 U	0.0202 U	0.0101 U	0.00404 U	0.0101 U	0.101 U	0.0202 U	0.0505 U	0.0101 U	-
				35	6.31	0.00618 U	0.00309 U	0.00618 U	0.00309 U	0.00124 U	0.00309 U	0.0309 U	**0.00352 J**	0.0155 U	0.00309 U	-
				40	1.31	0.00596 U	0.00298 U	0.00596 U	0.00298 U	0.00119 U	0.00298 U	0.0298 U	**0.00406 J**	0.0149 U	0.00298 U	-
				45	-3.69	0.00602 U	0.00301 U	0.00602 U	0.00301 U	0.0012 U	0.00301 U	0.0301 U	**0.00229 J**	0.0151 U	0.00301 U	-
				50	-8.69	0.00572 U	0.00286 U	0.00572 U	0.00286 U	0.00114 U	0.00286 U	0.0286 U	0.00572 U	0.0143 U	0.00286 U	-
				55	-13.69	0.00608 U	0.00304 U	0.00608 U	0.00304 U	0.00122 U	0.00304 U	0.0304 U	**0.00564 J**	0.0152 U	0.00304 U	-
				60	-18.69	0.00543 U	0.00272 U	0.00543 U	0.00272 U	0.00109 U	0.00272 U	0.0272 U	0.00543 U	0.0136 U	0.00272 U	-
				65	-23.69	0.0058 U	0.0029 U	0.0058 U	0.0029 U	0.00116 U	0.0029 U	0.029 U	**0.004 J**	0.0145 U	0.0029 U	-
				70	-28.69	0.00609 U	0.00305 U	0.00609 U	0.00305 U	0.00122 U	0.00305 U	0.0305 U	**0.00325 J**	0.0152 U	0.00305 U	-
				75	-33.69	0.00606 U	0.00303 U	0.00606 U	0.00303 U	0.00121 U	0.00303 U	0.0303 U	**0.00333 J**	0.0152 U	0.00303 U	-
				80	-38.69	0.00594 U	0.00297 U	0.00594 U	0.00297 U	0.00119 U	0.00297 U	0.0297 U	**0.00388 J**	0.0149 U	0.00297 U	-
	9/10/2019			85	-43.69	0.00584 U	0.00292 U	0.00584 U	0.00292 U	0.00117 U	0.00292 U	0.0292 U	0.00584 U	0.0146 U	0.00292 U	-
				90	-48.69	0.00589 U	0.00294 U	0.00589 U	0.00294 U	0.00118 U	0.00294 U	0.0294 U	**0.00493 J**	0.0147 U	0.00294 U	-
				95	-53.69	0.00562 U	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	0.00562 U	0.014 U	0.00281 U	-
				100	-58.69	0.00604 U	0.00302 U	0.00604 U	0.00302 U	0.00121 U	0.00302 U	0.0302 U	0.00604 U	0.0151 U	0.00302 U	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0404 U	0.0162 U	0.0242 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0469 U	0.0187 U	0.0281 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0406 U	0.0162 U	0.0244 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0343 U	0.0137 U	0.0206 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0329 U	0.0132 U	0.0198 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.034 U	0.0136 U	0.0204 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0409 U	0.0163 U	0.0245 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0381 U	0.0152 U	0.0229 U	0.0152 U	0.0152 U	0.0152 U	0.0152 U	0.0152 U	**0.0238**	0.0152 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.0591 U	0.0237 U	0.0355 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U
				22	17.05	0.0186 U	0.0464 U	0.0186 U	0.0279 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.0433 U	0.0173 U	0.026 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.0643 U	0.0257 U	0.0386 U	0.0257 U	0.0257 U	0.0257 U	0.0257 U	0.0257 U	0.0257 U	**0.0348**
B-215	9/12/2017	N	53.95	15	38.95	-	-	-	-	-	-	-	-	-	0.000299 U	0.000471 U
				25	28.95	-	-	-	-	-	-	-	-	-	**0.0048**	0.000464 U
				35	18.95	-	0.00118 U	0.00589 U	0.00589 U	0.00118 U	0.00118 U	-	0.00118 U	0.00118 U	**0.0277**	0.00589 U
				45	8.95	-	0.00106 U	0.00532 U	0.00532 U	0.00106 U	0.00106 U	-	0.00106 U	0.00106 U	0.00106 U	0.00532 U
				55	-1.05	-	0.00111 U	0.00554 U	0.00554 U	0.00111 U	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00554 U
				65	-11.05	-	0.0286 U	0.143 U	0.143 U	0.0286 U	0.0286 U	-	0.0286 U	0.0286 U	**11.1**	0.143 U
				75	-21.05	-	0.0011 U	0.00551 U	0.00551 U	0.0011 U	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00551 U
				85	-31.05	-	0.00121 U	0.00603 U	0.00603 U	0.00121 U	0.00121 U	-	0.00121 U	0.00121 U	0.00121 U	0.00603 U
				95	-41.05	-	0.0012 U	0.00598 U	0.00598 U	0.0012 U	0.0012 U	-	0.0012 U	0.0012 U	0.0012 U	0.00598 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	UND	UND
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	UND	UND
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	UND	UND
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	0.0133 U
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	0.0171 U
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	0.0159 U
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	0.0148 U
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	0.0368 U
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	0.0168 U
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	0.0162 U
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	**0.12 J**	0.05 U
				65 - 65.4	-26.71 to -27.11	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	**0.12 J**	0.05 U
				65 - 66.5	-17.59 to -19.09	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	48.44 to 46.94	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	43.44 to 41.94	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	38.44 to 36.94	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	33.44 to 31.94	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	48.58 to 47.08	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	43.58 to 42.08	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	33.58 to 32.08	0.01 U	-	0.028 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				30 - 31.5	28.58 to 27.08	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	48.65 to 47.15	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	43.65 to 42.15	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	38.65 to 37.15	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				30 - 31.5	28.65 to 27.15	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	48.67 to 47.17	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		N		15 - 16.5	43.67 to 42.17	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	38.67 to 37.17	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	33.67 to 32.17	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	48.69 to 47.19	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	43.69 to 42.19	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	38.69 to 37.19	0.01 U	-	0.024 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	33.69 to 32.19	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	0.01 U	-	0.024 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	47.97 to 46.47	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	42.97 to 41.47	0.01 U	-	0.037 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	37.97 to 36.47	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	32.97 to 31.47	0.01 U	-	0.024 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	45.32 to 43.82	0.01 U	-	0.027 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	40.32 to 38.82	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.32 to 33.82	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	30.32 to 28.82	0.01 U	-	0.022 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	45.26 to 43.76	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	40.26 to 38.76	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.26 to 33.76	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	30.26 to 28.76	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				13 - 14.5	42.36 to 40.86	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	40.36 to 38.86	0.01 U	-	0.032 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.36 to 33.86	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	30.36 to 28.86	0.01 U	-	0.032 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				14 - 15.5	41.39 to 39.89	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				17 - 18.5	38.39 to 36.89	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.39 to 33.89	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	30.39 to 28.89	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	38.16 to 36.66	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	33.16 to 31.66	0.01 U	-	0.03 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.024 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		N		20 - 21.5	28.16 to 26.66	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	23.16 to 21.66	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	38.21 to 36.71	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		N		15 - 16.5	33.21 to 31.71	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	28.21 to 26.71	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	23.21 to 21.71	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	29.7 to 28.2	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	24.7 to 23.2	0.01 U	-	0.21 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	19.7 to 18.2	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	14.7 to 13.2	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	31.47 to 29.97	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	26.47 to 24.97	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	21.47 to 19.97	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				31 - 32.5	10.47 to 8.97	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.01 U	0.005 U	0.0149 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.01 U	0.005 U	0.0081 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.01 U	0.005 U	0.0204 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 26	32.21 to 31.21	0.01 U	0.005 U	0.0117 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.5	47.61 to 46.11	0.01 U	0.005 U	0.0183 UJ	0.005 U	-	**0.0077**	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.5	42.61 to 41.11	0.01 U	0.005 U	0.0161 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.01 U	0.005 U	0.0261 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 31	27.61 to 26.61	0.01 U	0.005 U	0.0189 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.01 U	0.005 U	0.025 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.01 U	0.005 U	0.011 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.01 U	0.005 U	0.017 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.01 U	0.005 U	0.023 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				26 - 26.8	32.20 to 31.40	0.01 U	0.005 U	0.011 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 30.5	28.20 to 27.70	**0.027**	0.005 U	0.0078 UJ	**0.036**	-	**0.0099**	**0.017**	0.005 U	0.005 U	0.025 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.01 U	0.005 U	0.0092 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.01 U	0.005 U	0.01 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.01 U	0.005 U	0.0096 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 31	23.81 to 22.81	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	45.02 to 43.52	0.01 U	-	0.023 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	40.02 to 38.52	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.02 to 33.52	**0.21**	-	0.5 UJ	-	-	-	**0.13**	-	-	0.025 U	0.05 U
				25 - 26.5	30.02 to 28.52	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	45.45 to 43.95	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	40.45 to 38.95	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	35.45 to 33.95	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		N		25 - 26.5	30.45 to 28.95	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.01 U	-	0.024 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	44.84 to 43.34	**2.5**	-	0.5 UJ	-	-	-	**0.5**	-	-	0.025 U	**0.093**
				15 - 16.5	39.84 to 38.34	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	34.84 to 33.34	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	29.84 to 28.34	**0.03**	-	0.02 UJ	-	-	-	**0.015**	-	-	0.025 U	0.005 U
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 12.5	44.61 to 42.11	**0.011**	-	0.02 UJ	-	-	-	**0.0072**	-	-	0.025 U	0.005 U
		FD				**0.035**	-	0.02 UJ	-	-	-	**0.015**	-	-	0.025 U	0.005 U
				15 - 16.5	39.61 to 38.11	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
		N		20 - 23	34.61 to 31.61	**0.51**	-	0.5 UJ	-	-	-	**0.18**	-	-	0.025 U	0.05 U
				25 - 26.5	29.61 to 28.11	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	40.53 to 39.03	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	35.53 to 34.03	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	30.53 to 29.03	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	25.53 to 24.03	0.01 U	-	0.021 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	40.33 to 38.83	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	35.33 to 33.83	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	30.33 to 28.83	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	25.33 to 23.83	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	0.01 U	-	0.02 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				10 - 11.5	39.41 to 37.91	0.01 U	-	0.021 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				15 - 16.5	34.41 to 32.91	0.01 U	-	0.025 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				20 - 21.5	29.41 to 27.91	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.005 U
				25 - 26.5	24.41 to 22.91	0.01 U	-	0.036 U	-	-	-	0.005 U	-	-	0.025 U	0.005 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				10 - 11.5	39.66 to 38.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				15 - 16.5	34.66 to 33.16	0.01 U	-	0.03 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
		FD				0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
		N		20 - 21.5	29.66 to 28.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				25 - 26.5	24.66 to 23.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				10 - 11.5	37.55 to 36.05	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				15 - 16.5	32.55 to 31.05	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				20 - 21.5	27.55 to 26.05	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				25 - 26.5	22.55 to 21.05	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				10 - 11.5	39.66 to 38.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				15 - 16.5	34.66 to 33.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				20 - 21.5	29.66 to 28.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
				25 - 26.5	24.66 to 23.16	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U	0.02 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**0.16**	0.005 U	0.0432 U	**1.9**	-	**1.2**	**0.1**	0.005 U	**0.018**	0.025 U	**0.018**
				10 - 11.5	43.70 to 42.20	**0.13**	0.005 U	0.0318 U	**0.22**	-	**0.17**	0.05 U	0.005 U	0.005 U	0.025 U	**0.032**
				15 - 15.5	38.70 to 38.20	0.01 U	0.005 U	0.0388 UJ	**0.024**	-	**0.01**	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.9	33.70 to 32.80	0.01 U	0.005 U	0.0488 UJ	**0.0057**	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16	39.88 to 38.88	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.01 U	0.005 U	0.0078 UJ	**0.0062**	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.01 U	0.005 U	0.12 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11	41.68 to 40.68	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.01 U	0.005 U	0.0215 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.01 U	0.005 U	0.0215 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.01 U	0.005 U	0.067 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.5	37.53 to 36.03	0.01 U	0.005 U	0.12 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.01 U	0.005 U	0.096 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.01 U	0.005 U	0.057 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.5	37.60 to 36.10	0.01 U	0.005 U	0.084 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.01 U	0.005 U	0.08 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.01 U	0.005 U	0.062 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.25	27.05 to 25.8	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.01 U	0.005 U	0.067 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 30.5	12.05 to 11.55	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.01 U	0.005 U	0.0096 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.1	37.18 to 36.08	0.01 U	0.005 U	0.013 UJ	**0.019**	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.01 U	0.005 U	0.029 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 26	22.18 to 21.18	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 31	17.18 to 16.18	0.01 U	0.005 U	0.078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.01 U	0.005 U	0.03 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				10 - 11.4	44.10 to 42.70	0.01 U	0.005 U	0.011 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				20 - 21	34.10 to 33.10	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
				30 - 31	24.10 to 23.10	0.01 U	0.005 U	0.0078 UJ	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	**0.074**	0.05 U
				26	21.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	**3.4**	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 21	34 to 33	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	-	0.1 U	0.02 U	0.05 U	**0.055 J**	**0.1 J**	-	0.05 U	0.05 U	0.05 U	0.05 U
				10 - 11.5	44.72 to 43.22	-	0.1 U	0.02 U	0.05 U	**2.2**	**3**	-	0.05 U	0.05 U	0.05 U	**0.14**
				12.5 - 14	42.22 to 40.72	-	0.1 U	0.02 U	0.05 U	**0.23 J**	**0.25 J**	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 15.8	39.72 to 38.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				20	25.59	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				30	15.59	-	-	0.5 U	-	-	-	-	-	-	**1.3**	-
	8/8/2012			40	5.59	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				50	-4.41	-	-	0.5 U	-	-	-	-	-	-	**0.18**	-
	8/9/2012			60	-14.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				70	-24.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				80	-34.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				90	-44.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
	8/10/2012			100	-54.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				110	-64.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				120	-74.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				130	-84.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				138	-92.41	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				20	32.90	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				30	22.90	-	-	0.5 U	-	-	-	-	-	-	**0.038**	-
				40	12.90	-	-	0.5 U	-	-	-	-	-	-	**3.1**	-
				50	2.90	-	-	0.5 U	-	-	-	-	-	-	**0.73**	-
				60	-7.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
	8/15/2012			70	-17.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				80	-27.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				90	-37.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				100	-47.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				110	-57.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				120	-67.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				130	-77.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				140	-87.10	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				25	17.43	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				35	7.43	-	-	0.5 U	-	-	-	-	-	-	**8.8**	-
				40	2.43	-	-	0.5 U	-	-	-	-	-	-	**0.59**	-
				45	-2.57	-	-	0.5 U	-	-	-	-	-	-	**0.25**	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				20	37.78	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				30	27.78	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				40	17.78	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				50	7.78	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				20	34.50	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				30	24.50	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				40	14.50	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				50	4.50	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				20	17.66	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				30	7.66	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
				40	-2.34	-	-	0.5 U	-	-	-	-	-	-	0.025 U	-
MW-140	8/30/2017	N	50.32	15	35.32	-	0.00114 U	0.0057 U	0.0057 U	0.00114 U	0.00114 U	-	0.00114 U	0.00114 U	0.00114 U	0.0057 U
				25	25.32	-	0.00108 U	0.00542 U	0.00542 U	0.00108 U	0.00108 U	-	0.00108 U	0.00108 U	**0.147**	0.00542 U
				35	15.32	-	0.0291 U	0.146 U	0.146 U	0.0291 U	0.0291 U	-	0.0291 U	0.0291 U	**15.1**	0.146 U
				45	5.32	-	0.00107 U	0.00534 U	0.00534 U	0.00107 U	0.00107 U	-	0.00107 U	0.00107 U	**4.27**	0.00534 U
				55	-4.68	-	0.0011 U	0.00549 U	0.00549 U	0.0011 U	0.0011 U	-	0.0011 U	0.0011 U	**1.56**	**0.000498 J**
				65	-14.68	-	0.00107 U	0.00535 U	0.00535 U	0.00107 U	0.00107 U	-	0.00107 U	0.00107 U	0.027 U	0.00535 U
				75	-24.68	-	**0.00683 J**	0.135 U	0.135 U	0.027 U	0.027 U	-	0.027 U	0.027 U	0.027 U	0.135 U
				90	-39.68	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U	0.00118 UJ	-	0.00118 U	0.00118 U	0.00118 U	0.00588 U
	8/31/2017			110	-59.68	-	0.00116 U	0.00579 U	0.00579 U	0.00116 U	0.00116 U	-	0.00116 U	0.00116 U	0.00116 U	0.00579 U
				130	-79.68	-	0.00113 U	0.00565 U	0.00565 U	0.00113 U	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00565 U
				140	-89.68	-	0.0282 U	0.141 U	0.141 U	0.0282 U	0.0282 UJ	-	0.0282 U	0.0282 U	0.0282 U	0.141 U
MW-147	4/2/2018	N	52.49	10	42.49	-	0.00109 U	0.00543 U	0.00543 U	0.00109 U	0.00109 U	-	0.00109 U	0.00109 U	**0.000697 J**	0.00543 U
				20	32.49	-	0.00108 U	0.0054 U	0.0054 U	0.00108 U	0.00108 U	-	0.00108 U	0.00108 U	**0.000759 J**	0.0054 U
				30	22.49	-	0.00112 U	0.00558 U	0.00558 U	0.00112 U	0.00112 U	-	0.00112 U	0.00112 U	**0.0238**	0.00558 U
				40	12.49	-	0.0011 U	0.00552 U	0.00552 U	0.0011 U	0.0011 U	-	0.0011 U	0.0011 U	**0.0146**	0.00552 U
				50	2.49	-	0.00111 U	0.00554 U	0.00554 U	0.00111 U	0.00111 U	-	0.00111 U	0.00111 U	**0.00175**	0.00554 U
				60	-7.51	-	0.00108 U	0.00538 U	0.00538 U	0.00108 U	0.00108 U	-	0.00108 U	0.00108 U	**0.000607 J**	0.00538 U
				70	-17.51	-	0.00112 U	0.0056 U	0.0056 U	0.00112 U	0.00112 U	-	0.00112 U	0.00112 U	0.00112 U	0.0056 U
				80	-27.51	-	0.00116 U	0.00579 U	0.00579 U	0.00116 U	0.00116 U	-	0.00116 U	0.00116 U	0.00116 U	0.00579 U
MW-148	4/9/2018	N	44.29	11	33.29	-	0.00115 U	0.00577 U	0.00577 U	0.00115 U	0.00115 U	-	0.00115 U	0.00115 U	0.00115 U	0.00577 U
				20	24.29	-	0.00108 U	0.00542 U	0.00542 U	0.00108 U	0.00108 U	-	0.00108 U	0.00108 U	**0.00188**	0.00542 U
				30	14.29	-	0.00112 U	0.00561 U	0.00561 U	0.00112 U	0.00112 U	-	0.00112 U	0.00112 U	0.00112 U	0.00561 U
				40	4.29	-	0.00109 U	0.00543 U	0.00543 U	0.00109 U	0.00109 U	-	0.00109 U	0.00109 U	**0.000801 J**	0.00543 U
				50	-5.71	-	0.0011 U	0.00551 U	0.00551 U	0.0011 U	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00551 U
				60	-15.71	-	0.00126 U	0.00631 U	0.00631 U	0.00126 U	0.00126 U	-	0.00126 U	0.00126 U	0.00126 U	0.00631 U
				70	-25.71	-	0.00126 U	0.0063 U	0.0063 U	0.00126 U	0.00126 U	-	0.00126 U	0.00126 U	**0.000618 J**	0.0063 U
				80	-35.71	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U	0.00118 U	-	0.00118 U	0.00118 U	**0.000585 J**	0.00588 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	-	0.00113 U	0.00567 U	0.00567 U	0.00113 U	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00567 U
				20	34.84	-	0.00109 U	0.00547 U	0.00547 U	0.00109 U	0.00109 U	-	0.00109 U	0.00109 U	**0.000561 J**	0.00547 U
				30	24.84	-	0.00107 U	0.00536 U	0.00536 U	0.00107 U	0.00107 U	-	0.00107 U	0.00107 U	0.00107 U	0.00536 U
				40	14.84	-	0.00113 U	0.00566 U	0.00566 U	0.00113 U	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00566 U
				50	4.84	-	0.00111 U	0.00555 U	0.00555 U	0.00111 U	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00555 U
				61	-6.16	-	0.00114 U	0.00568 U	0.00568 U	0.00114 U	0.00114 U	-	0.00114 U	0.00114 U	0.00114 U	0.00568 U
				70	-15.16	-	0.00111 U	0.00557 U	0.00557 U	0.00111 U	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00557 U
	3/28/2018			80	-25.16	-	0.0011 U	0.00552 U	0.00552 U	0.0011 U	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00552 U
				90	-35.16	-	0.0012 U	0.00602 U	0.00602 U	0.0012 U	0.0012 U	-	0.0012 U	0.0012 U	**0.000799 J**	0.00602 U
				110	-55.16	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U	0.00118 U	-	0.00118 U	0.00118 U	**0.00254**	0.00588 U
	3/29/2018			130	-75.16	-	0.00115 U	0.00574 U	0.00574 U	0.00115 U	0.00115 U	-	0.00115 U	0.00115 U	**0.000648 J**	0.00574 U
MW-316	9/9/2019	N	49.73	5	44.73	-	0.00108 U	0.0271 U	0.0135 U	0.0135 U	0.00541 U	-	0.0135 U	0.00541 U	0.00271 U	**0.0078**
				10	39.73	-	0.00113 U	0.0283 U	0.0141 U	0.0141 U	0.00566 U	-	0.0141 U	0.00566 U	0.00283 U	**0.0197**
				15	34.73	-	0.00112 U	0.0281 U	0.0141 U	0.0141 U	0.00562 U	-	0.0141 U	0.00562 U	0.00281 U	**0.00457 J**
				20	29.73	-	0.00108 U	0.027 U	0.0135 U	0.0135 U	0.00539 U	-	0.0135 U	0.00539 U	**0.00305**	**0.00535 J**
				25	24.73	-	0.00113 U	0.0284 U	0.0142 U	0.0142 U	0.00567 U	-	0.0142 U	0.00567 U	0.00284 U	**0.00791**
				30	19.73	-	0.00111 U	0.0277 U	0.0139 U	0.0139 U	0.00555 U	-	0.0139 U	0.00555 U	0.00277 U	**0.00612**
				35	14.73	-	0.00113 U	0.0282 U	0.0141 U	0.0141 U	0.00564 U	-	0.0141 U	0.00564 U	0.00282 U	**0.00707**
				40	9.73	-	0.00114 U	0.0284 U	0.0142 U	0.0142 U	0.00569 U	-	0.0142 U	0.00569 U	0.00284 U	**0.00483 J**
				45	4.73	-	0.00111 U	0.0278 U	0.0139 U	0.0139 U	0.00556 U	-	0.0139 U	0.00556 U	0.00278 U	**0.00703**
				50	-0.27	-	0.0012 U	0.0299 U	0.015 U	0.015 U	0.00598 U	-	0.015 U	0.00598 U	0.00299 U	**0.0112**
				55	-5.27	-	0.00113 U	0.0283 U	0.0142 U	0.0142 U	0.00566 U	-	0.0142 U	0.00566 U	0.00283 U	**0.00464 J**
				60	-10.27	-	0.00112 U	0.0281 U	0.0141 U	0.0141 U	0.00562 U	-	0.0141 U	0.00562 U	0.00281 U	**0.00596**
	9/10/2019			65	-15.27	-	0.0015 U	0.0374 U	0.0187 U	0.0187 U	0.00748 U	-	0.0187 U	0.00748 U	0.00374 U	**0.0131**
				70	-20.27	-	0.00113 U	0.0283 U	0.0141 U	0.0141 U	0.00566 U	-	0.0141 U	0.00566 U	0.00283 U	**0.00694**
MW-326	9/9/2019	N	41.31	5	36.31	-	0.0011 U	**0.00943 J**	**0.00452 J**	0.0138 U	0.00551 U	-	0.0138 U	0.00551 U	0.00275 U	**0.00961**
				10	31.31	-	0.00133 U	**0.0129 J**	0.0166 U	0.0166 U	0.00665 U	-	0.0166 U	0.00665 U	0.00333 U	**0.00821**
				15	26.31	-	0.00117 U	**0.00875 J**	0.0146 U	0.0146 U	0.00585 U	-	0.0146 U	0.00585 U	0.00292 U	**0.00821**
				20	21.31	-	0.00117 U	0.0293 U	0.0146 U	0.0146 U	0.00585 U	-	0.0146 U	0.00585 U	0.00293 U	**0.00613**
				25	16.31	-	0.00124 U	**0.0105 J**	0.0155 U	0.0155 U	0.0062 U	-	0.0155 U	0.0062 U	0.0031 U	**0.00595 J**
				30	11.31	-	0.00404 U	**0.035 J**	0.0505 U	0.0505 U	0.0202 U	-	0.0505 U	0.0202 U	0.0101 U	**0.0174 J**
				35	6.31	-	0.00124 U	**0.012 J**	0.0155 U	0.0155 U	0.00618 U	-	0.0155 U	0.00618 U	0.00309 U	**0.00819**
				40	1.31	-	0.00119 U	**0.00885 J**	0.0149 U	0.0149 U	0.00596 U	-	0.0149 U	0.00596 U	0.00298 U	**0.00812**
				45	-3.69	-	0.0012 U	**0.00974 J**	0.0151 U	0.0151 U	0.00602 U	-	0.0151 U	0.00602 U	0.00301 U	**0.0079**
				50	-8.69	-	0.00114 U	**0.0118 J**	0.0143 U	0.0143 U	0.00572 U	-	0.0143 U	0.00572 U	**0.101 J**	**0.0048 J**
				55	-13.69	-	0.00122 U	**0.0149 J**	0.0152 U	0.0152 U	0.00608 U	-	0.0152 U	0.00608 U	0.00304 U	**0.0143**
				60	-18.69	-	0.00109 U	**0.0105 J**	0.0136 U	0.0136 U	0.00543 U	-	0.0136 U	0.00543 U	0.00272 U	**0.0038 J**
				65	-23.69	-	0.00116 U	0.029 U	0.0145 U	0.0145 U	0.0058 U	-	0.0145 U	0.0058 U	**0.00753**	**0.00667**
				70	-28.69	-	0.00122 U	0.0305 U	0.0152 U	0.0152 U	0.00609 U	-	0.0152 U	0.00609 U	0.00305 U	**0.00699**
				75	-33.69	-	0.00121 U	0.0303 U	0.0152 U	0.0152 U	0.00606 U	-	0.0152 U	0.00606 U	0.00303 U	**0.00783**
				80	-38.69	-	0.00119 U	0.0297 U	0.0149 U	0.0149 U	0.00594 U	-	0.0149 U	0.00594 U	0.00297 U	**0.00436 J**
	9/10/2019			85	-43.69	-	0.00117 U	0.0292 U	0.0146 U	0.0146 U	0.00584 U	-	0.0146 U	0.00584 U	0.00292 U	**0.00342 J**
				90	-48.69	-	0.00118 U	0.0294 U	0.0147 U	0.0147 U	0.00589 U	-	0.0147 U	0.00589 U	0.00294 U	**0.00651**
				95	-53.69	-	0.00112 U	0.0281 U	0.014 U	0.014 U	0.00562 U	-	0.014 U	0.00562 U	0.00281 U	**0.0102**
				100	-58.69	-	0.00121 U	0.0302 U	0.0151 U	0.0151 U	0.00604 U	-	0.0151 U	0.00604 U	0.00302 U	**0.0108**

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TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0242 U	-	0.0162 U	0.0404 U	-	-	0.00162 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0281 U	-	0.0187 U	0.0469 U	-	-	0.00187 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0244 U	-	0.0162 U	0.0406 U	-	-	0.00162 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0206 U	-	0.0137 U	0.0343 U	-	-	0.00137 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0198 U	-	0.0132 U	0.0329 U	-	-	0.00132 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.0204 U	-	0.0136 U	0.034 U	-	-	0.00136 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0245 U	-	0.0163 U	0.0409 U	-	-	0.00163 U	0.0163 U
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0229 U	-	0.0152 U	0.0381 U	-	-	0.00152 U	0.0152 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.0355 U	-	0.0237 U	0.0591 U	-	-	0.00237 U	0.0237 U
				22	17.05	0.0186 U	0.0279 U	-	0.0186 U	0.0464 U	-	-	0.00186 U	0.0186 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.026 U	-	0.0173 U	0.0433 U	-	-	0.0173 U	0.0173 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.0386 U	-	0.0257 U	0.0643 U	-	-	0.00257 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	0.000286 U	-	-	0.000303 U	-	-	-	0.000316 U	0.000757 U
				25	28.95	0.000283 U	-	-	0.000299 U	-	-	-	0.000311 U	0.000747 U
				35	18.95	0.00118 U	0.00118 U	0.00295 UJ	**0.00195**	0.00589 U	0.00118 U	0.0118 U	0.00118 U	0.00354 U
				45	8.95	0.00106 U	0.00106 U	0.00266 UJ	0.00106 U	0.00532 U	0.00106 U	0.0106 U	0.00106 U	0.00319 U
				55	-1.05	0.00111 U	0.00111 U	0.00277 UJ	0.00111 U	0.00554 U	0.00111 U	0.0111 U	0.00111 U	0.00332 U
				65	-11.05	0.0286 U	0.0286 U	0.0715 UJ	**1.02**	0.143 U	0.0286 U	0.286 U	0.0286 U	0.0858 U
				75	-21.05	0.0011 U	0.0011 U	0.00276 UJ	0.0011 U	0.00551 U	0.0011 U	0.011 U	0.0011 U	0.00331 U
				85	-31.05	0.00121 U	0.00121 U	0.00301 UJ	0.00121 U	0.00603 U	0.00121 U	0.0121 U	0.00121 U	0.00362 U
				95	-41.05	0.0012 U	0.0012 U	0.00299 UJ	0.0012 U	0.00598 U	0.0012 U	0.012 U	0.0012 U	0.00359 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	UND	-	-	UND	-	-	-	UND	UND
				25 - 27	24.48 to 22.48	UND	-	-	UND	-	-	-	UND	UND
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	UND	-	-	UND	-	-	-	UND	UND
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	0.0133 U
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	0.0171 U
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	0.0159 U
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	0.0148 U
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	0.0368 U
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	0.0168 U
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	0.0162 U
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				27.5 - 29	10.79 to 9.29	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	0.05 U	-	**0.024 J**	0.05 U	-	-	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.5	17.41 to 16.91	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	35.02 to 34.02	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.44 to 46.94	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.44 to 41.94	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.44 to 36.94	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.44 to 31.94	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.58 to 47.08	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.58 to 42.08	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.58 to 32.08	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31.5	28.58 to 27.08	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.65 to 47.15	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.65 to 42.15	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.65 to 37.15	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31.5	28.65 to 27.15	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.67 to 47.17	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.67 to 42.17	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	38.67 to 37.17	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.67 to 32.17	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.69 to 47.19	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.69 to 42.19	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.69 to 37.19	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.69 to 32.19	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	47.97 to 46.47	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	42.97 to 41.47	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	37.97 to 36.47	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	32.97 to 31.47	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.32 to 43.82	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.32 to 38.82	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.32 to 33.82	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.32 to 28.82	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.26 to 43.76	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.26 to 38.76	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.26 to 33.76	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.26 to 28.76	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				13 - 14.5	42.36 to 40.86	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.36 to 38.86	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.36 to 33.86	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.36 to 28.86	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				14 - 15.5	41.39 to 39.89	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				17 - 18.5	38.39 to 36.89	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.39 to 33.89	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.39 to 28.89	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	38.16 to 36.66	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD		15 - 16.5	33.16 to 31.66	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	28.16 to 26.66	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	23.16 to 21.66	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	38.21 to 36.71	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		15 - 16.5	33.21 to 31.71	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	28.21 to 26.71	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	23.21 to 21.71	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	29.7 to 28.2	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	24.7 to 23.2	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	19.7 to 18.2	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	14.7 to 13.2	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	31.47 to 29.97	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	26.47 to 24.97	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	21.47 to 19.97	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				31 - 32.5	10.47 to 8.97	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.25	47.21 to 45.96	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.33	42.21 to 40.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.75	37.21 to 36.46	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26	32.21 to 31.21	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	47.61 to 46.11	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	42.61 to 41.11	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	37.61 to 36.71	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.8	32.61 to 31.81	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31	27.61 to 26.61	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.75	48.20 to 47.45	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.20 to 41.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.20 to 36.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				26 - 26.8	32.20 to 31.40	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 30.5	28.20 to 27.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.044**
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	43.81 to 42.31	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	38.81 to 37.31	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.25	33.81 to 32.56	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.4	28.81 to 27.41	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31	23.81 to 22.81	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.02 to 43.52	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.02 to 38.52	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.02 to 33.52	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**0.34**
				25 - 26.5	30.02 to 28.52	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.45 to 43.95	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.45 to 38.95	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.45 to 33.95	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		25 - 26.5	30.45 to 28.95	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	44.84 to 43.34	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**3**
				15 - 16.5	39.84 to 38.34	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	34.84 to 33.34	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	29.84 to 28.34	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.045**
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 12.5	44.61 to 42.11	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.0183**
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.05**
				15 - 16.5	39.61 to 38.11	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 23	34.61 to 31.61	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**0.69**
				25 - 26.5	29.61 to 28.11	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	40.53 to 39.03	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	35.53 to 34.03	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	30.53 to 29.03	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	25.53 to 24.03	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	40.33 to 38.83	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	35.33 to 33.83	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	30.33 to 28.83	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	25.33 to 23.83	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	39.41 to 37.91	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	34.41 to 32.91	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	29.41 to 27.91	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	24.41 to 22.91	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	39.66 to 38.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	34.66 to 33.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	29.66 to 28.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	24.66 to 23.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	37.55 to 36.05	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	32.55 to 31.05	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	27.55 to 26.05	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	22.55 to 21.05	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				10 - 11.5	39.66 to 38.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				15 - 16.5	34.66 to 33.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				20 - 21.5	29.66 to 28.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				25 - 26.5	24.66 to 23.16	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.26**
				10 - 11.5	43.70 to 42.20	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.13**
				15 - 15.5	38.70 to 38.20	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	33.70 to 32.80	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.75	44.88 to 44.13	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16	39.88 to 38.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.9	29.88 to 28.98	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.9	41.33 to 40.43	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.4	36.33 to 34.93	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.75	31.33 to 30.58	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11	41.68 to 40.68	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 15.4	36.68 to 36.28	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.8	31.68 to 30.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	37.53 to 36.03	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.33	32.53 to 31.2	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.5	27.53 to 27.03	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	37.60 to 36.10	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 15.9	32.60 to 31.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	27.60 to 26.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.25	27.05 to 25.8	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.3	22.05 to 20.75	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.3	17.05 to 15.75	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 30.5	12.05 to 11.55	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.1	37.18 to 36.08	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.25	32.18 to 30.93	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.3	27.18 to 25.88	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26	22.18 to 21.18	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31	17.18 to 16.18	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.4	44.10 to 42.70	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	39.10 to 37.60	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21	34.10 to 33.10	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.8	29.10 to 28.30	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 31	24.10 to 23.10	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				28 - 30	11.95 to 9.95	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5 - 14	33.61 to 32.11	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31.5	16.11 to 14.61	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	38.77 to 37.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	22.77 to 21.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				26	21.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	38.30 to 37.30	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	34.87 to 33.37	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				27.5 - 29	22.37 to 20.87	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	0.05 U	-	**0.47**	0.05 U	-	-	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.7	37.5 to 36.8	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.5	22.5 to 22	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	32.08 to 30.58	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				35 - 35.7	12.08 to 11.38	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.8	41.84 to 41.04	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31.5	26.84 to 25.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.2	40.25 to 39.05	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.8	25.25 to 24.45	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	34 to 33	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 30.8	24 to 23.2	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.19 J**
				10 - 11.5	44.72 to 43.22	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**7**
				12.5 - 14	42.22 to 40.72	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.63 J**
				15 - 15.8	39.72 to 38.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				13.5 - 15	32.59 to 31.09	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				28 - 30	18.09 to 16.09	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30 - 31	22.14 to 21.14	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				26.5 - 28	17.96 to 16.46	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				29 - 30	23.26 to 22.26	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				29 - 30	28.52 to 27.52	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	10	35.59	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	25.59	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
	8/8/2012			30	15.59	0.05 U	-	-	**0.16**	-	-	-	0.05 U	-
				40	5.59	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
	8/9/2012			50	-4.41	0.05 U	-	-	**0.04**	-	-	-	0.05 U	-
				60	-14.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				70	-24.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				80	-34.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
	8/10/2012			90	-44.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				100	-54.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				110	-64.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				120	-74.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				130	-84.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				138	-92.41	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-106	8/14/2012	N	52.90	10	42.90	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	32.90	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				30	22.90	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	12.90	0.05 U	-	-	**0.15**	-	-	-	0.05 U	-
				50	2.90	0.05 U	-	-	**0.17**	-	-	-	0.05 U	-
				60	-7.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
	8/15/2012			70	-17.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				80	-27.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				90	-37.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				100	-47.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				110	-57.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				120	-67.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				130	-77.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				140	-87.10	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MW-114	12/10/2012	N	42.43	15	27.43	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				25	17.43	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				35	7.43	0.05 U	-	-	**0.45**	-	-	-	0.05 U	-
				40	2.43	0.05 U	-	-	**0.071**	-	-	-	0.05 U	-
				45	-2.57	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-117	2/4/2013	N	57.78	10	47.78	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	37.78	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				30	27.78	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	17.78	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				50	7.78	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-118	3/21/2013	N	54.50	10	44.50	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	34.50	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				30	24.50	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	14.50	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				50	4.50	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-119	3/21/2013	N	37.66	10	27.66	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	17.66	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				30	7.66	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	-2.34	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.00114 U	0.00285 U	0.00114 U	0.0057 U	0.00114 U	0.0114 U	0.00114 U	0.00342 U
				25	25.32	0.00108 U	0.00108 U	0.00271 U	**0.0107**	0.00542 U	0.00108 U	0.0108 U	0.000316 U	0.00325 U
				35	15.32	0.0291 U	0.0291 U	0.0728 U	**0.629**	0.146 U	-	0.291 U	**0.0107 J**	0.0874 U
				45	5.32	0.00107 U	0.00107 U	0.00267 U	**0.0793**	0.00534 U	0.00107 U	0.0107 U	**0.0016**	0.0032 U
				55	-4.68	**0.0005 J**	0.0011 U	0.00274 U	**0.0496**	0.00549 U	0.0011 U	0.011 U	**0.099**	0.00329 U
				65	-14.68	0.00107 U	0.00107 U	0.00268 U	0.00107 U	0.00535 U	0.00107 U	0.0107 U	0.00107 U	0.00321 U
				75	-24.68	0.027 U	0.027 U	0.0674 U	0.027 U	0.135 U	0.027 U	0.27 U	0.027 U	0.0809 U
				90	-39.68	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00588 U	0.00118 U	0.0118 U	0.00118 U	0.00353 U
	8/31/2017			110	-59.68	0.00116 U	0.00116 U	0.0029 U	0.00116 U	0.00579 U	0.00116 U	0.0116 U	0.00116 U	0.00347 U
				130	-79.68	0.00113 U	0.00113 U	0.00283 U	0.00113 U	0.00565 U	0.00113 U	0.0113 U	0.00113 U	0.00339 U
				140	-89.68	0.0282 U	0.0282 U	0.0706 UJ	0.0282 U	0.141 U	0.0282 U	0.282 U	0.0282 U	0.0847 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00271 U	0.00109 U	0.00543 U	0.00109 U	0.0109 U	0.00109 U	0.00326 U
				20	32.49	0.00108 U	0.00108 U	0.0027 U	0.00108 U	0.0054 U	0.00108 U	0.0108 U	0.00108 U	0.00324 U
				30	22.49	0.00112 U	0.00112 U	0.00279 U	**0.0033**	0.00558 U	0.00112 U	0.0112 U	0.00112 U	0.00335 U
				40	12.49	0.0011 U	0.0011 U	0.00276 U	**0.00118**	0.00552 U	0.0011 U	0.011 U	**0.0615**	0.00331 U
				50	2.49	0.00111 U	0.00111 U	0.00277 U	**0.00105 J**	0.00554 U	0.00111 U	0.0111 U	**0.00322**	0.00332 U
				60	-7.51	0.00108 U	0.00108 U	0.00269 U	0.00108 U	0.00538 U	0.00108 U	0.0108 U	0.00108 U	0.00323 U
				70	-17.51	0.00112 U	0.00112 U	0.0028 U	0.00112 U	0.0056 U	0.00112 U	0.0112 U	**0.000502 J**	0.00336 U
				80	-27.51	0.00116 U	0.00116 U	0.00289 U	0.00116 U	0.00579 U	0.00116 U	0.0116 U	0.00116 U	0.00347 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00288 U	0.00115 U	0.00577 U	0.00115 U	0.0115 U	0.00115 U	0.00346 U
				20	24.29	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00542 U	0.00108 U	0.0108 U	0.00108 U	0.00325 U
				30	14.29	0.00112 U	0.00112 U	0.00281 U	0.00112 U	0.00561 U	0.00112 U	0.0112 U	**0.0144**	0.00337 U
				40	4.29	0.00109 U	0.00109 U	0.00272 U	**0.000551 J**	0.00543 U	0.00109 U	0.0109 U	0.00109 U	0.00326 U
				50	-5.71	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.00551 U	0.0011 U	0.011 U	0.0011 U	0.00331 U
				60	-15.71	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00631 U	0.00126 U	0.0126 U	0.00126 U	0.00379 U
				70	-25.71	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.0063 U	0.00126 U	0.0126 U	0.00126 U	0.00378 U
				80	-35.71	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00588 U	0.00118 U	0.0118 U	0.00118 U	0.00353 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00284 UJ	0.00113 U	0.00567 U	0.00113 U	0.0113 UJ	0.00113 U	0.0034 U
				20	34.84	0.00109 U	0.00109 U	0.00274 UJ	0.00109 U	0.00547 U	0.00109 U	0.0109 UJ	0.00109 U	0.00328 U
				30	24.84	0.00107 U	0.00107 U	0.00268 UJ	0.00107 U	0.00536 U	0.00107 U	0.0107 UJ	0.00107 U	0.00322 U
				40	14.84	0.00113 U	0.00113 U	0.00283 UJ	**0.000486 J**	0.00566 U	0.00113 U	0.0113 UJ	0.00113 U	0.0034 U
				50	4.84	0.00111 U	0.00111 U	0.00277 UJ	0.00111 U	0.00555 U	0.00111 U	0.0111 UJ	**0.00767**	0.00333 U
				61	-6.16	0.00114 U	0.00114 U	0.00284 UJ	0.00114 U	0.00568 U	0.00114 U	0.0114 UJ	**0.000344 J**	0.00341 U
				70	-15.16	0.00111 U	0.00111 U	0.00278 UJ	0.00111 U	0.00557 U	0.00111 U	0.0111 UJ	**0.000902 J**	0.00334 U
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.00276 UJ	0.0011 U	0.00552 U	0.0011 U	0.011 UJ	**0.00148**	0.00331 U
				90	-35.16	0.0012 U	0.0012 U	0.00301 UJ	0.0012 U	0.00602 U	0.0012 U	0.012 UJ	**0.00176**	0.00361 U
				110	-55.16	0.00118 U	0.00118 U	0.00294 UJ	0.00118 U	0.00588 U	0.00118 U	0.0118 UJ	**0.00311**	0.00353 U
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00287 UJ	0.00115 U	0.00574 U	0.00115 U	0.0115 UJ	0.00115 U	0.00345 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00541 U	0.00541 U	0.00541 U	0.00108 U	0.00271 U	0.00271 U	0.0135 U	0.00271 U	0.00704 U
				10	39.73	0.00566 U	0.00566 U	0.00566 U	0.00113 U	**0.00346**	0.00283 U	0.0141 U	0.00283 U	0.00735 U
				15	34.73	0.00562 U	0.00562 U	0.00562 U	0.00112 U	**0.00179 J**	0.00281 U	0.0141 U	0.00281 U	0.00731 U
				20	29.73	0.00539 U	0.00539 U	0.00539 U	0.00108 U	**0.00182 J**	0.0027 U	0.0135 U	0.0027 U	0.00701 U
				25	24.73	0.00567 U	0.00567 U	0.00567 U	0.00113 U	**0.0019 J**	0.00284 U	0.0142 U	0.00284 U	0.00737 U
				30	19.73	0.00555 U	0.00555 U	0.00555 U	0.00111 U	0.00277 U	0.00277 U	0.0139 U	0.00277 U	0.00721 U
				35	14.73	0.00564 U	0.00564 U	0.00564 U	0.00113 U	**0.0017 J**	0.00282 U	0.0141 U	0.00282 U	0.00734 U
				40	9.73	0.00569 U	0.00569 U	0.00569 U	0.00114 U	0.00284 U	0.00284 U	0.0142 U	0.00284 U	0.0074 U
				45	4.73	0.00556 U	0.00556 U	0.00556 U	0.00111 U	**0.00156 J**	0.00278 U	0.0139 U	0.00278 U	0.00723 U
				50	-0.27	0.00598 U	0.00598 U	0.00598 U	0.0012 U	**0.00236 J**	0.00299 U	0.015 U	0.00299 U	0.00778 U
				55	-5.27	0.00566 U	0.00566 U	0.00566 U	0.00113 U	0.00283 U	0.00283 U	0.0142 U	0.00283 U	0.00736 U
				60	-10.27	0.00562 U	0.00562 U	0.00562 U	0.00112 U	**0.00162 J**	0.00281 U	0.0141 U	0.00281 U	0.00731 U
	9/10/2019			65	-15.27	0.00748 U	0.00748 U	0.00748 U	0.0015 U	**0.00346 J**	0.00374 U	0.0187 U	0.00374 U	0.00973 U
				70	-20.27	0.00566 U	0.00566 U	0.00566 U	0.00113 U	**0.00167 J**	0.00283 U	0.0141 U	0.00283 U	0.00736 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00551 U	0.00551 U	0.00551 U	0.0011 U	**0.00358**	0.00275 U	0.0138 U	0.00275 U	**0.00846**
				10	31.31	0.00665 U	0.00665 U	0.00665 U	0.00133 U	**0.00306 J**	0.00333 U	0.0166 U	0.00333 U	0.00865 U
				15	26.31	0.00585 U	0.00585 U	0.00585 U	0.00117 U	0.00292 U	0.00292 U	0.0146 U	0.00292 U	0.0076 U
				20	21.31	0.00585 U	0.00585 U	0.00585 U	0.00117 U	**0.00261 J**	0.00293 U	0.0146 U	0.00293 U	0.00761 U
				25	16.31	0.0062 U	0.0062 U	0.0062 U	0.00124 U	**0.00253 J**	0.0031 U	0.0155 U	0.0031 U	0.00807 U
				30	11.31	0.0202 U	0.0202 U	0.0202 U	0.00404 U	0.0101 U	0.0101 U	0.0505 U	0.0101 U	0.0263 U
				35	6.31	0.00618 U	0.00618 U	0.00618 U	0.00124 U	0.00309 U	0.00309 U	0.0155 U	0.00309 U	0.00804 U
				40	1.31	0.00596 U	0.00596 U	0.00596 U	0.00119 U	**0.00319**	0.00298 U	0.0149 U	0.00298 U	0.00775 U
				45	-3.69	0.00602 U	0.00602 U	0.00602 U	**0.00169**	**0.00224 J**	0.00301 U	0.0151 U	0.00301 U	0.00783 U
				50	-8.69	0.00572 U	0.00572 U	0.00572 U	**0.0145**	**0.00227 J**	0.00286 U	0.0143 U	0.00286 U	0.00743 U
				55	-13.69	0.00608 U	0.00608 U	0.00608 U	0.00122 U	**0.00346**	0.00304 U	0.0152 U	0.00304 U	0.00791 U
				60	-18.69	0.00543 U	0.00543 U	0.00543 U	0.00109 U	0.00272 U	0.00272 U	0.0136 U	0.00272 U	0.00706 U
				65	-23.69	0.0058 U	0.0058 U	0.0058 UJ	**0.00243**	0.0029 U	0.0029 U	0.0145 U	0.0029 U	0.00753 U
				70	-28.69	0.00609 U	0.00609 U	0.00609 UJ	0.00122 U	**0.0021 J**	0.00305 U	0.0152 U	0.00305 U	0.00792 U
				75	-33.69	0.00606 U	0.00606 U	0.00606 UJ	0.00121 U	0.00303 U	0.00303 U	0.0152 U	0.00303 U	0.00788 U
				80	-38.69	0.00594 U	0.00594 U	0.00594 UJ	0.00119 U	**0.00217 J**	0.00297 U	0.0149 U	0.00297 U	0.00773 U
	9/10/2019			85	-43.69	0.00584 U	0.00584 U	0.00584 UJ	0.00117 U	0.00292 U	0.00292 U	0.0146 U	0.00292 U	0.0076 U
				90	-48.69	0.00589 U	0.00589 U	0.00589 UJ	0.00118 U	0.00294 U	0.00294 U	0.0147 U	0.00294 U	0.00765 U
				95	-53.69	0.00562 U	0.00562 U	0.00562 UJ	0.00112 U	0.00281 U	0.00281 U	0.014 U	0.00281 U	0.0073 U
				100	-58.69	0.00604 U	0.00604 U	0.00604 UJ	0.00121 U	0.00302 U	0.00302 U	0.0151 U	0.00302 U	0.00785 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds								
						trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,3-Dichloro propene	Trichloro ethene	Trichlorofluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D

Notes:
Bold indicates a detected concentration at or above the laboratory reporting limit.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
- = Data not available or not applicable.
FD = Field duplicate.
ft = feet.
J = Estimated value.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected at detection limit indicated.
UND = Not detected, detection limit not indicated.

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TABLE 5-7
SOIL RESULTS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Polychlorinated Biphenyls									
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total PCBs
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.25	47.21 to 45.96	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.33	42.21 to 40.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.75	37.21 to 36.46	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26	32.21 to 31.21	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	47.61 to 46.11	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	42.61 to 41.11	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	37.61 to 36.71	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 25.8	32.61 to 31.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 31	27.61 to 26.61	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-19S	9/8/2020	N	58.2	5 - 5.5	53.20 to 52.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.75	48.20 to 47.45	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	43.20 to 41.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.5	38.20 to 36.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				26 - 26.8	32.20 to 31.40	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 30.5	28.20 to 27.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	43.81 to 42.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	38.81 to 37.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.25	33.81 to 32.56	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26.4	28.81 to 27.41	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 31	23.81 to 22.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-16	9/2/2020	N	53.7	5 - 5.5	48.70 to 48.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	43.70 to 42.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 15.5	38.70 to 38.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	33.70 to 32.80	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.75	44.88 to 44.13	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16	39.88 to 38.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.022**	0.02 U	0.02 U	0.02 U	**0.022**
				25 - 25.9	29.88 to 28.98	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.9	41.33 to 40.43	0.02 U	0.02 U	0.02 U	**0.022**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.022**
				15 - 16.4	36.33 to 34.93	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.75	31.33 to 30.58	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Polychlorinated Biphenyls									
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total PCBs
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082	SW8082
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11	41.68 to 40.68	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.026**	0.02 U	0.02 U	0.02 U	**0.026**
				15 - 15.4	36.68 to 36.28	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.8	31.68 to 30.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	37.53 to 36.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.33	32.53 to 31.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.5	27.53 to 27.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-21	9/2/2020	N	47.6	5 - 5.8	42.60 to 41.80	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	37.60 to 36.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 15.9	32.60 to 31.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	27.60 to 26.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.25	27.05 to 25.8	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.3	22.05 to 20.75	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26.3	17.05 to 15.75	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 30.5	12.05 to 11.55	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.1	37.18 to 36.08	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.25	32.18 to 30.93	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.3	27.18 to 25.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26	22.18 to 21.18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 31	17.18 to 16.18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-24	9/9/2020	N	54.1	5 - 6.5	49.10 to 47.60	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.4	44.10 to 42.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	39.10 to 37.60	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21	34.10 to 33.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 25.8	29.10 to 28.30	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 31	24.10 to 23.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

FD = Field duplicate.

ft = feet.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

PCB = Polychlorinated biphenyl.

U = Not detected at detection limit indicated.

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TABLE 5-8
SOIL RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW6010D SW6020	SW6010D	SW6010D SW6020	SW6010D SW6020	-	SW6010D SW6020	SW6020 SW7471B	-	SW6010D	SW6010D SW6020	-
21417-MB1	5/12/2017	N	55.43	9	46.43	**4.78**	-	0.192 U	**41.2**	-	**2.43**	0.293 U	-	-	-	-
21417-MB4	5/12/2017	N	57.24	24	33.24	**6.94**	**68.9**	**0.192**	**35.8**	-	**40.2**	0.298 U	-	**1.26**	0.093 U	-
21417-MB6	5/11/2017	N	48.22	9	39.22	**3.1**	**43.3**	0.168 U	**29.1**	-	**9.18**	0.265 U	-	**1.3**	0.0839 U	-
21417-MB8	5/11/2017	N	45.28	27	18.28	**2.69**	**31.8**	0.168 U	**29.3**	-	**2.38**	0.276 U	-	**0.988**	0.0842 U	-
21417-MB9	5/11/2017	N	39.05	13	26.05	**4.24**	**45.5**	**0.428**	**31.4**	-	**19.3**	0.291 U	-	**1.39**	0.0979 U	-
21417-MB9	5/11/2017	N	39.05	22	17.05	**5.01**	**105**	0.199 U	**39.1**	**26.3**	**279**	**0.453**	**37.3**	**1.26**	0.0996 U	**62.2**
21417-MB10	5/11/2017	N	38.08	28	10.08	**7.75**	**42**	0.174 U	**43.2**	-	**6.75**	0.268 U	-	**0.99**	0.0872 U	-
21417-MB11	5/11/2017	N	39.04	23	16.04	**4.18**	**101**	0.204 U	**39.5**	-	**7.73**	0.325 U	-	**1.76**	0.102 U	-
GP-7	5/12/2012	N	58.53	0 to 7	58.53 to 51.53	-	-	-	-	-	**4.19**	-	-	-	-	-
				7 to 11	51.53 to 47.53	-	-	-	-	-	**1.56**	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 to 7	58.33 to 51.33	-	-	-	-	-	**2.85**	-	-	-	-	-
				7 to 12	51.33 to 46.33	-	-	-	-	-	**2.31**	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	**2.85**	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	**2.64**	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	**1.8**	-	-	-	-	-
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	11 U	**72**	0.56 U	**33**	-	**10**	0.28 U	-	11 U	0.56 U	-
HMW-3IA	3/15/2019	N	55.02	22.5 - 23.5	32.52 to 31.52	12 U	**50**	0.59 U	**39**	-	5.9 U	0.29 U	-	12 U	1.2 U	-
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	**1.55**	-	1 U	**12.2**	-	**1.11**	1 U	-	-	-	-
				10 - 11.5	48.44 to 46.94	**1.31**	-	1 U	**16**	-	**1.18**	1 U	-	-	-	-
				15 - 16.5	43.44 to 41.94	**1.26**	-	1 U	**16.9**	-	**1.06**	1 U	-	-	-	-
				20 - 21.5	38.44 to 36.94	**1.03**	-	1 U	**12.5**	-	**1.11**	1 U	-	-	-	-
				25 - 26.5	33.44 to 31.94	1 U	-	1 U	**11.3**	-	1 U	1 U	-	-	-	-
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	**16.4**	-	1 U	**17.8**	-	**21.8**	1 U	-	-	-	-
				10 - 11.5	48.58 to 47.08	**21.8**	-	1 U	**20.2**	-	**23.6**	1 U	-	-	-	-
				15 - 16.5	43.58 to 42.08	**24.4**	-	1 U	**21.3**	-	**21.3**	1 U	-	-	-	-
				25 - 26.5	33.58 to 32.08	**18**	-	1 U	**26.4**	-	**16**	1 U	-	-	-	-
				30 - 31.5	28.58 to 27.08	**1.61**	-	1 U	**14.4 J**	-	**1.69**	1 U	-	-	-	-
		FD				**1.42**	-	1 U	**10.8 J**	-	**1.44**	1 U	-	-	-	-
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	**15.6**	-	1 U	**18.1**	-	**20.1**	1 U	-	-	-	-
				10 - 11.5	48.65 to 47.15	**13.6**	-	1 U	**19.2**	-	**16.5**	1 U	-	-	-	-
				15 - 16.5	43.65 to 42.15	**18.6**	-	1 U	**16**	-	**20.5**	1 U	-	-	-	-
				20 - 21.5	38.65 to 37.15	**18.3**	-	1 U	**30.2**	-	**13.4**	1 U	-	-	-	-
				30 - 31.5	28.65 to 27.15	**3.1**	-	1 U	**19.9**	-	**4.88**	1 U	-	-	-	-
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	**13.4**	-	1 U	**17.8**	-	**18.2**	1 U	-	-	-	-
				10 - 11.5	48.67 to 47.17	**15.9**	-	1 U	**20.6 J**	-	**26.3 J**	1 U	-	-	-	-
		FD				**14.9**	-	1 U	**29.3 J**	-	**16.1 J**	1 U	-	-	-	-
				15 - 16.5	43.67 to 42.17	**22.2**	-	1 U	**19.6**	-	**19**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		N		20 - 21.5	38.67 to 37.17	**25.6**	-	1 U	**20.5**	-	**18**	1 U	-	-	-	-
				25 - 26.5	33.67 to 32.17	**2.23**	-	1 U	**20.3**	-	**2.08**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	**15.3**	-	1 U	**22.4**	-	**17.4**	1 U	-	-	-	-
				10 - 11.5	48.69 to 47.19	**13.8**	-	1 U	**18.4**	-	**25.2**	1 U	-	-	-	-
				15 - 16.5	43.69 to 42.19	**19.9**	-	1 U	**18.3**	-	**18.2**	1 U	-	-	-	-
				20 - 21.5	38.69 to 37.19	**25.6**	-	1 U	**19.1**	-	**18.4**	1 U	-	-	-	-
				25 - 26.5	33.69 to 32.19	**8.13**	-	1 U	**18.9 J**	-	**6.75**	1 U	-	-	-	-
		FD				**8.49**	-	1 U	**25.9 J**	-	**7.93**	1 U	-	-	-	-
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	**21.4**	-	1 U	**20.8**	-	**24.8**	1 U	-	-	-	-
				10 - 11.5	47.97 to 46.47	**19.5**	-	1 U	**18.3**	-	**19.1**	1 U	-	-	-	-
				15 - 16.5	42.97 to 41.47	**17.1**	-	1 U	**19.3**	-	**19.4**	1 U	-	-	-	-
				20 - 21.5	37.97 to 36.47	**4.86**	-	1 U	**14.9**	-	**5**	1 U	-	-	-	-
				25 - 26.5	32.97 to 31.47	**1.12**	-	1 U	**15.1**	-	**1.38**	1 U	-	-	-	-
		FD				**1.06**	-	1 U	**17.9**	-	**1.49**	1 U	-	-	-	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	**1.78**	-	1 U	**13.6**	-	**2.8**	1 U	-	-	-	-
				10 - 11.5	45.32 to 43.82	**1.38**	-	1 U	**12.4**	-	**2.17**	1 U	-	-	-	-
				15 - 16.5	40.32 to 38.82	**15.3**	-	1 U	**18.2**	-	**10.9**	1 U	-	-	-	-
				20 - 21.5	35.32 to 33.82	**2.55**	-	1 U	**16**	-	**2.59**	1 U	-	-	-	-
				25 - 26.5	30.32 to 28.82	**1.46**	-	1 U	**12.3**	-	**1.25**	1 U	-	-	-	-
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	**1.07**	-	1 U	**15**	-	**1.27**	1 U	-	-	-	-
				10 - 11.5	45.26 to 43.76	**1.41**	-	1 U	**11.3**	-	**2.52**	1 U	-	-	-	-
				15 - 16.5	40.26 to 38.76	**6.62**	-	1 U	**16.9**	-	**14.1**	1 U	-	-	-	-
				20 - 21.5	35.26 to 33.76	**1.74**	-	1 U	**13.2**	-	**1.32**	1 U	-	-	-	-
				25 - 26.5	30.26 to 28.76	**1.23**	-	1 U	**13.1**	-	**1.2**	1 U	-	-	-	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	**7.75**	-	1 U	**17.3**	-	**7.89**	1 U	-	-	-	-
				13 - 14.5	42.36 to 40.86	**1.64**	-	1 U	**10.9**	-	**1.9**	1 U	-	-	-	-
				15 - 16.5	40.36 to 38.86	**17.8**	-	1 U	**18.5**	-	**11.3**	1 U	-	-	-	-
				20 - 21.5	35.36 to 33.86	**1.6**	-	1 U	**13.6**	-	**1.29**	1 U	-	-	-	-
				25 - 26.5	30.36 to 28.86	**1.26**	-	1 U	**14.5**	-	**1.39**	1 U	-	-	-	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	**2.64**	-	1 U	**15.8**	-	**5.91**	1 U	-	-	-	-
				14 - 15.5	41.39 to 39.89	**14.5**	-	1 U	**19.2**	-	**14.5**	1 U	-	-	-	-
				17 - 18.5	38.39 to 36.89	**17.7**	-	1 U	**14.3**	-	**17.3**	1 U	-	-	-	-
				20 - 21.5	35.39 to 33.89	**1.3**	-	1 U	**11.3**	-	**1.17**	1 U	-	-	-	-
				25 - 26.5	30.39 to 28.89	**1.36**	-	1 U	**13.9**	-	**1.52**	1 U	-	-	-	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	**1.76**	-	1 U	**15.2**	-	**1.4**	1 U	-	-	-	-
				10 - 11.5	38.16 to 36.66	**1.78**	-	1 U	**14.1**	-	**1.38**	1 U	-	-	-	-
				15 - 16.5	33.16 to 31.66	**1.87**	-	1 U	**15.4**	-	**1.62**	1 U	-	-	-	-
		FD				**1.81**	-	1 U	**17.4**	-	**1.64**	1 U	-	-	-	-
		N		20 - 21.5	28.16 to 26.66	**1.31**	-	1 U	**15**	-	**1.48**	1 U	-	-	-	-
				25 - 26.5	23.16 to 21.66	**1.8**	-	1 U	**20.7**	-	**1.95**	1 U	-	-	-	-
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	**1.83**	-	1 U	**17.8**	-	**1.27**	1 U	-	-	-	-
				10 - 11.5	38.21 to 36.71	**1.51**	-	1 U	**13.6**	-	**1.45**	1 U	-	-	-	-
		FD				**1.42**	-	1 U	**15**	-	**1.41**	1 U	-	-	-	-
		N		15 - 16.5	33.21 to 31.71	**1.51**	-	1 U	**16**	-	**1.38**	1 U	-	-	-	-
				20 - 21.5	28.21 to 26.71	**1.32**	-	1 U	**17.3**	-	**1.55**	1 U	-	-	-	-
				25 - 26.5	23.21 to 21.71	**1.57**	-	1 U	**18**	-	**1.16**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.70 to 33.20	**2.14**	-	1 U	**23.1**	-	**28.7**	1 U	-	-	-	-
				10 - 11.5	29.70 to 28.20	**1.43**	-	1 U	**22.8**	-	**2.73**	1 U	-	-	-	-
				15 - 16.5	24.70 to 23.20	**3.44**	-	1 U	**14.5**	-	**65**	1 U	-	-	-	-
				20 - 21.5	19.70 to 18.20	**2.69**	-	1 U	**31.8**	-	**2.11**	1 U	-	-	-	-
				25 - 26.5	14.70 to 13.20	1 U	-	1 U	**18.8**	-	**1.23**	1 U	-	-	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	**2**	-	1 U	**23**	-	**14.4**	1 U	-	-	-	-
				10 - 11.5	31.47 to 29.97	**1.86**	-	1 U	**18.5**	-	**11**	1 U	-	-	-	-
				15 - 16.5	26.47 to 24.97	**1.27**	-	1 U	**17.8**	-	**1.39**	1 U	-	-	-	-
				20 - 21.5	21.47 to 19.97	**1.72**	-	1 U	**19.2**	-	**6.65**	1 U	-	-	-	-
				31 - 32.5	10.47 to 8.97	1 U	-	1 U	**16**	-	**1.33**	1 U	-	-	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	**2.93**	-	1 U	**24.1**	-	**4.65**	1 U	-	-	-	-
				10 - 11.25	47.21 to 45.96	**1.5**	-	1 U	**13.2**	-	**2.18**	1 U	-	-	-	-
				15 - 16.33	42.21 to 40.88	**1.45**	-	1 U	**15.4**	-	**1.6**	1 U	-	-	-	-
				20 - 20.75	37.21 to 36.46	**1.48**	-	1 U	**16.6**	-	**1.53**	1 U	-	-	-	-
				25 - 26	32.21 to 31.21	1 U	-	1 U	**15.8**	-	**1.23**	1 U	-	-	-	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	**1.19**	-	1 U	**11.1**	-	**1.36**	1 U	-	-	-	-
				10 - 11.5	47.61 to 46.11	**2.9**	-	1 U	**25.8**	-	**3.15**	1 U	-	-	-	-
				15 - 16.5	42.61 to 41.11	**3.01**	-	1 U	**19.2**	-	**2.43**	1 U	-	-	-	-
				20 - 20.9	37.61 to 36.71	**1.39**	-	1 U	**12**	-	**1.22**	1 U	-	-	-	-
				25 - 25.8	32.61 to 31.81	**1.09**	-	1 U	**13.9**	-	**1.23**	1 U	-	-	-	-
				30 - 31	27.61 to 26.61	**1.03**	-	1 U	**15.5**	-	**1.54**	1 U	-	-	-	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	**2.16**	-	1 U	**26.2**	-	**2.33**	1 U	-	-	-	-
				10 - 10.75	48.20 to 47.45	**1.24**	-	1 U	**14**	-	**1.27**	1 U	-	-	-	-
				15 - 16.5	43.20 to 41.70	**3.02**	-	1 U	**30.7**	-	**3.29**	1 U	-	-	-	-
				20 - 21.5	38.20 to 36.70	**2.17**	-	1 U	**31.5**	-	**2.22**	1 U	-	-	-	-
				26 - 26.8	32.20 to 31.40	**1.44**	-	1 U	**20.5**	-	**1.31**	1 U	-	-	-	-
				30 - 30.5	28.20 to 27.70	**1.31**	-	1 U	**38.2**	-	**1.49**	1 U	-	-	-	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	**1.57**	-	1 U	**12.6**	-	**1.88**	1 U	-	-	-	-
				10 - 11.5	43.81 to 42.31	**1.36**	-	1 U	**9.22**	-	**4.47**	1 U	-	-	-	-
				15 - 16.5	38.81 to 37.31	**1.55**	-	1 U	**13.5**	-	**1.62**	1 U	-	-	-	-
				20 - 21.25	33.81 to 32.56	**1.77**	-	1 U	**15.6**	-	**1.66**	1 U	-	-	-	-
				25 - 26.4	28.81 to 27.41	**1.9**	-	1 U	**29.1**	-	**2.68**	1 U	-	-	-	-
				30 - 31	23.81 to 22.81	**1.32**	-	1 U	**29.5**	-	**1.77**	1 U	-	-	-	-
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	**2.38**	-	1 U	**36.7**	-	**4.94**	1 U	-	-	-	-
				10 - 11.5	45.02 to 43.52	**2.69**	-	1 U	**15.8**	-	**1.27**	1 U	-	-	-	-
				15 - 16.5	40.02 to 38.52	**1.29**	-	1 U	**14.1**	-	**1.31**	1 U	-	-	-	-
				20 - 21.5	35.02 to 33.52	**1.23**	-	1 U	**11.7**	-	**1.29**	1 U	-	-	-	-
				25 - 26.5	30.02 to 28.52	**1.56**	-	1 U	**15.6**	-	**1.38**	1 U	-	-	-	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	**4.5**	-	1 U	**45.9**	-	**4.09**	1 U	-	-	-	-
				10 - 11.5	45.45 to 43.95	**1.53**	-	1 U	**11.2**	-	**1.11**	1 U	-	-	-	-
				15 - 16.5	40.45 to 38.95	**1.27**	-	1 U	**12.2**	-	**1.54**	1 U	-	-	-	-
				20 - 21.5	35.45 to 33.95	**1.21**	-	1 U	**11.7**	-	**1.12**	1 U	-	-	-	-
		FD				**1.29**	-	1 U	**10.7**	-	**1.15**	1 U	-	-	-	-
		N		25 - 26.5	30.45 to 28.95	1 U	-	1 U	**12**	-	**1.12**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	**3.27**	-	1 U	**34.8**	-	**2.88**	1 U	-	-	-	-
				10 - 11.5	44.84 to 43.34	**1.65**	-	1 U	**13.6**	-	**2.3**	1 U	-	-	-	-
				15 - 16.5	39.84 to 38.34	1 U	-	1 U	**12.1**	-	**1.07**	1 U	-	-	-	-
				20 - 21.5	34.84 to 33.34	**2.74**	-	1 U	**9.91**	-	**1.04**	1 U	-	-	-	-
				25 - 26.5	29.84 to 28.34	**1.52**	-	1 U	**15.1**	-	**1.69**	1 U	-	-	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	**2.44**	-	1 U	**28.2**	-	**5.37**	1 U	-	-	-	-
		N		10 - 12.5	44.61 to 42.11	**1.39**	-	1 U	**12.3**	-	**1.15**	1 U	-	-	-	-
		FD				**1.28**	-	1 U	**14.4**	-	**1.18**	1 U	-	-	-	-
		N		15 - 16.5	39.61 to 38.11	**1.16**	-	1 U	**12.9**	-	**1.15**	1 U	-	-	-	-
				20 - 23	34.61 to 31.61	**1.44**	-	1 U	**13.2**	-	**3.42**	1 U	-	-	-	-
				25 - 26.5	29.61 to 28.11	**1.47**	-	1 U	**14.5**	-	**1.51**	1 U	-	-	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	**23.2**	-	1 U	**20.1**	-	**17.6**	1 U	-	-	-	-
				10 - 11.5	40.53 to 39.03	**6.56**	-	1 U	**17.7**	-	**591**	1 U	-	-	-	-
				15 - 16.5	35.53 to 34.03	**1.81**	-	1 U	**14.8**	-	**1.57**	1 U	-	-	-	-
				20 - 21.5	30.53 to 29.03	**1.34**	-	1 U	**12.6**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	25.53 to 24.03	**1.51**	-	1 U	**15.2**	-	**1.29**	1 U	-	-	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	**21.2**	-	1 U	**22.7**	-	**20**	1 U	-	-	-	-
				10 - 11.5	40.33 to 38.83	**9.18**	-	1 U	**44.8**	-	**14.8**	1 U	-	-	-	-
				15 - 16.5	35.33 to 33.83	**1.84**	-	1 U	**17.8**	-	**1.4**	1 U	-	-	-	-
				20 - 21.5	30.33 to 28.83	**2.08**	-	1 U	**16.9**	-	**1.61**	1 U	-	-	-	-
				25 - 26.5	25.33 to 23.83	**1.6**	-	1 U	**15.8**	-	**1.44**	1 U	-	-	-	-
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	**2.74**	-	1 U	**21.1**	-	**9.26**	1 U	-	-	-	-
				10 - 11.5	39.41 to 37.91	**1.37**	-	1 U	**15.4**	-	**2.14**	1 U	-	-	-	-
				15 - 16.5	34.41 to 32.91	**1.43**	-	1 U	**15.9**	-	**1.46**	1 U	-	-	-	-
				20 - 21.5	29.41 to 27.91	1 U	-	1 U	**16.4**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	24.41 to 22.91	**1.12**	-	1 U	**17.4**	-	**1.43**	1 U	-	-	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	**21.9**	-	1 U	**18.2**	-	**12.5**	1 U	-	-	-	-
		N		10 - 11.5	39.66 to 38.16	**1.75**	-	1 U	**13.2**	-	**1.22**	1 U	-	-	-	-
				15 - 16.5	34.66 to 33.16	**1.7**	-	1 U	**19.2 J**	-	**1.26**	1 U	-	-	-	-
		FD				**1.6**	-	1 U	**15.3 J**	-	**1.23**	1 U	-	-	-	-
		N		20 - 21.5	29.66 to 28.16	**1.6**	-	1 U	**14.3**	-	**1.3**	1 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	**1.13**	-	1 U	**16.3**	-	**1.31**	1 U	-	-	-	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	**9.58**	-	1 U	**16.7**	-	**13.4**	1 U	-	-	-	-
				10 - 11.5	37.55 to 36.05	**1.94**	-	1 U	**18.8**	-	**2.11**	1 U	-	-	-	-
				15 - 16.5	32.55 to 31.05	**1.72**	-	1 U	**14.7**	-	**1.22**	1 U	-	-	-	-
				20 - 21.5	27.55 to 26.05	**1.7**	-	1 U	**18.1**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	22.55 to 21.05	**1.27**	-	1 U	**17.3**	-	**1.31**	1 U	-	-	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	**1.76**	-	1 U	**17.3**	-	**1.72**	1 U	-	-	-	-
				10 - 11.5	39.66 to 38.16	**2.32**	-	1 U	**25.5**	-	**1.89**	1 U	-	-	-	-
				15 - 16.5	34.66 to 33.16	**1.65**	-	1 U	**17.1**	-	**1.46**	1 U	-	-	-	-
				20 - 21.5	29.66 to 28.16	**1.4**	-	1 U	**15**	-	**1.19**	1 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	**1.51**	-	1 U	**20.8**	-	**1.57**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MBB-11	3/4/2020	N	46.42	15 - 16.5	31.42 to 29.92	-	-	-	-	-	**5.52**	-	-	-	-	-
				20 - 21.5	26.42 to 24.92	-	-	-	-	-	**5.51**	-	-	-	-	-
				25 - 26.5	21.42 to 19.92	-	-	-	-	-	**15.4**	-	-	-	-	-
MBB-12	3/4/2020	N	33.69	15 - 16.5	18.69 to 17.19	-	-	-	-	-	**3.23**	-	-	-	-	-
				20 - 21.5	13.69 to 12.19	-	-	-	-	-	**9**	-	-	-	-	-
				25 - 26.5	8.69 to 7.19	-	-	-	-	-	**1.56**	-	-	-	-	-
MBB-13	3/4/2020	N	35.98	15 - 16.5	20.98 to 19.48	-	-	-	-	-	**7.71**	-	-	-	-	-
				20 - 21.5	15.98 to 14.48	-	-	-	-	-	**9.54**	-	-	-	-	-
				25 - 26.5	10.98 to 9.48	-	-	-	-	-	**1.55**	-	-	-	-	-
		FD				-	-	-	-	-	**1.51**	-	-	-	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**2.62**	-	1 U	**28.4**	-	**7.58**	1 U	-	-	-	-
				10 - 11.5	43.70 to 42.20	**1.56**	-	1 U	**18.3**	-	**1.89**	1 U	-	-	-	-
				15 - 15.5	38.70 to 38.20	**1.74**	-	1 U	**24.8**	-	**1.3**	1 U	-	-	-	-
				20 - 20.9	33.70 to 32.80	**1.42**	-	1 U	**13.7**	-	**1.17**	1 U	-	-	-	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	**1.71**	-	1 U	**23.6**	-	**2.67**	1 U	-	-	-	-
				10 - 10.75	44.88 to 44.13	**1.75**	-	1 U	**15**	-	**4.42**	1 U	-	-	-	-
				15 - 16	39.88 to 38.88	**3.91**	-	1 U	**17.5**	-	**7.13**	1 U	-	-	-	-
				25 - 25.9	29.88 to 28.98	**1.97**	-	1 U	**17.7**	-	**1.75**	1 U	-	-	-	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	**14.2**	-	1 U	**25.5**	-	**13.5**	1 U	-	-	-	-
				10 - 10.9	41.33 to 40.43	**6.2**	-	1 U	**14.4**	-	**6.61**	1 U	-	-	-	-
				15 - 16.4	36.33 to 34.93	**1.13**	-	1 U	**12.3**	-	**1.02**	1 U	-	-	-	-
				20 - 20.75	31.33 to 30.58	**1.61**	-	1 U	**16.2**	-	**1.69**	1 U	-	-	-	-
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	**3.16**	-	1 U	**19.2**	-	**4.27**	1 U	-	-	-	-
				10 - 11	41.68 to 40.68	**4.47**	-	1 U	**15.4**	-	**55.6**	1 U	-	-	-	-
				15 - 15.4	36.68 to 36.28	**2.01**	-	1 U	**20.8**	-	**1.75**	1 U	-	-	-	-
				20 - 20.8	31.68 to 30.88	**1.7**	-	1 U	**13.5**	-	**1.13**	1 U	-	-	-	-
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	**2.67**	-	1 U	**16.6**	-	**2.02**	1 U	-	-	-	-
				10 - 11.5	37.53 to 36.03	**3.48**	-	1 U	**19.2**	-	**5.15**	1 U	-	-	-	-
				15 - 16.33	32.53 to 31.2	**1.6**	-	1 U	**20.6**	-	**1.54**	1 U	-	-	-	-
				20 - 20.5	27.53 to 27.03	**1.53**	-	1 U	**17.2**	-	**1.5**	1 U	-	-	-	-
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	**2.02**	-	1 U	**20**	-	**1.69**	1 U	-	-	-	-
				10 - 11.5	37.60 to 36.10	**2.21**	-	1 U	**19.3**	-	**1.85**	1 U	-	-	-	-
				15 - 15.9	32.60 to 31.70	**1.52**	-	1 U	**18.3**	-	**1.4**	1 U	-	-	-	-
				20 - 20.9	27.60 to 26.70	**1.53**	-	1 U	**14.3**	-	**1.46**	1 U	-	-	-	-
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	**2.71**	-	1 U	**30.2**	-	**26.7**	1 U	-	-	-	-
				15 - 16.25	27.05 to 25.8	**3.08**	-	1 U	**26.1**	-	**2.58**	1 U	-	-	-	-
				20 - 21.3	22.05 to 20.75	**1.63**	-	1 U	**15.3**	-	**1.39**	1 U	-	-	-	-
				25 - 26.3	17.05 to 15.75	**2.03**	-	1 U	**24.4**	-	**1.14**	1 U	-	-	-	-
				30 - 30.5	12.05 to 11.55	**1.96**	-	1 U	**40**	-	**1.97**	1 U	-	-	-	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	**2.57**	-	1 U	**18.7**	-	**3.58**	1 U	-	-	-	-
				10 - 11.1	37.18 to 36.08	**3.98**	-	1 U	**17.1**	-	**29.5**	1 U	-	-	-	-
				15 - 16.25	32.18 to 30.93	**2.73**	-	1 U	**22.4**	-	**3.6**	1 U	-	-	-	-
				20 - 21.3	27.18 to 25.88	**2.21**	-	1 U	**17.7**	-	**1.99**	1 U	-	-	-	-
				25 - 26	22.18 to 21.18	**1.88**	-	1 U	**16.3**	-	**1.35**	1 U	-	-	-	-
				30 - 31	17.18 to 16.18	**1.68**	-	1 U	**16.2**	-	**1.36**	1 U	-	-	-	-
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	**2.92**	-	1 U	**25.9**	-	**3.32**	1 U	-	-	-	-
				10 - 11.4	44.10 to 42.70	**1.38**	-	1 U	**15**	-	**1.57**	1 U	-	-	-	-
				15 - 16.5	39.10 to 37.60	**3**	-	1 U	**25.6**	-	**3.04**	1 U	-	-	-	-
				20 - 21	34.10 to 33.10	**1.05**	-	1 U	**10.5**	-	**1.02**	1 U	-	-	-	-
				25 - 25.8	29.10 to 28.30	**1.38**	-	1 U	**14.9**	-	**1.52**	1 U	-	-	-	-
				30 - 31	24.10 to 23.10	1 U	-	1 U	**14.1**	-	**1.34**	1 U	-	-	-	-
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	11 U	**49**	0.57 U	**25**	-	**43**	0.28 U	-	11 U	0.57 U	-
				17 - 18	22.95 to 21.95	11 U	**45**	0.57 U	**43**	-	5.7 U	0.29 U	-	11 U	0.57 U	-
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	10 U	**47**	0.52 U	**24**	-	**8.5**	0.26 U	-	10 U	0.52 U	-
				25 - 26.5	21.11 to 19.61	14 U	**130**	0.7 U	**34**	-	**23**	0.35 U	-	14 U	0.7 U	-
				30 - 31.5	16.11 to 14.61	12 U	**46**	0.61 U	**42**	-	6.1 U	0.31 U	-	12 U	0.61 U	-
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	11 U	**43**	0.54 U	**32**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
				12 - 13	35.77 to 34.77	11 U	**61**	0.55 U	**40**	-	5.5 U	0.27 U	-	11 U	0.55 U	-
				24 - 25	23.77 to 22.77	12 U	**42**	0.62 U	**33**	-	6.2 U	0.31 U	-	12 U	0.62 U	-
MBGW-4	3/6/2019	N	47.30	2 - 3	45.30 to 44.30	11 U	**50**	0.56 U	**32**	-	5.6 U	0.28 U	-	11 U	1.1 U	-
				4 - 5	43.30 to 42.30	12 U	**65**	0.58 U	**22**	-	**12**	0.29 U	-	12 U	1.2 U	-
				7 - 8	40.30 to 39.30	11 U	**46**	0.54 U	**26**	-	5.4 U	0.27 U	-	11 U	1.1 U	-
				24 - 25	23.30 to 22.30	12 U	**54**	0.6 U	**36**	-	6 U	0.3 U	-	12 U	1.2 U	-
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	11 U	**39**	0.56 U	**25**	-	5.6 U	0.28 U	-	11 U	0.56 U	-
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	11 U	**32**	0.54 U	**21**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
MBGW-7	3/6/2019	N	53.76	10 - 11.5	43.76 to 42.26	11 U	**33**	0.54 U	**21**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
				17.5 - 18.75	36.26 to 35.01	11 U	**37**	0.53 U	**34**	-	5.3 U	0.27 U	-	11 U	0.53 U	-
				40 - 40.5	13.76 to 13.26	11 U	**42**	0.56 U	**36**	-	5.6 U	0.28 U	-	11 U	0.56 U	-
MBGW-8	3/15/2019	N	47.08	25 - 26	22.08 to 21.08	11 U	**40**	0.55 U	**36**	-	5.5 U	0.27 U	-	11 U	1.1 U	-
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	11 U	**43**	0.53 U	**42**	-	5.3 U	0.26 U	-	11 U	0.53 U	-
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	11 U	**48**	0.54 U	**44**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	11 U	**68**	0.55 U	**38**	-	**10**	0.28 U	-	11 U	0.55 U	-
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	11 U	**56**	0.57 U	**42**	-	5.7 U	0.29 U	-	11 U	1.1 U	-
MBGW-15	3/8/2019	N	40.87	20 - 21.25	20.87 to 19.62	13 U	**170**	0.66 U	**18**	-	6.6 U	0.33 U	-	13 U	0.66 U	-
MBPP-1	3/5/2019	N	45.28	8 - 10	37.28 to 35.28	11 U	**81**	0.55 U	**46**	-	**93**	0.28 U	-	11 U	0.55 U	-
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	12 U	**100**	0.62 U	**45**	-	**21**	0.31 U	-	12 U	0.62 U	-
MBPP-3	3/6/2019	N	45.89	24 - 25	21.89 to 20.89	11 U	**35**	0.55 U	**26**	-	5.5 U	0.27 U	-	11 U	0.55 U	-
MBPP-4	3/7/2019	N	48.34	9 - 10	39.34 to 38.34	11 U	**48**	0.55 U	**29**	-	**5.6**	0.27 U	-	11 U	0.55 U	-
MBPP-5	3/7/2019	N	45.92	24 - 25	21.92 to 20.92	11 U	**49**	0.56 U	**34**	-	5.6 U	0.28 U	-	11 U	0.56 U	-
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	12 U	**200**	0.6 U	**38**	-	**6.6**	0.3 U	-	12 U	0.6 U	-
MBPP-8	3/8/2019	N	57.52	14 - 15	43.52 to 42.52	**16**	**80**	0.63 U	**30**	-	**16**	0.32 U	-	13 U	0.63 U	-

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or applicable.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

U = Not detected at the detection limit indicated.

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TABLE 5-9
GROUNDWATER SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
BB-5	MW	IA	49.48	30 to 40	19.48 to 9.48	11/17/1997	X	X	X			X			
BB-8	MW	IA	43.72	30 to 40	12.48 to 2.48	6/10/1997	X	X				X			
						6/24/1997			X			X			
						1/29/2009	X		X			X			
						5/3/2010						X	X		
						6/2/2011	X	X	X			X	X		
						9/5/2012			X			X	X		
						12/29/2013			X			X	X		
						6/17/2015						X			
						3/22/2017			X			X	X		
						6/14/2017			X			X	X		
						4/11/2018	X		X			X	X		
						1/23/2019	X		X			X	X		
						4/23/2019	X		X			X	X		
						7/17/2019	X		X			X	X		
						10/22/2019	X		X			X	X		
						1/20/2020	X		X			X	X		
						5/12/2020	X		X			X	X		
BB-8A	MW	IA	43.36	-	-	1/29/2009	X		X			X			
						5/3/2010						X	X		
						6/2/2011	X	X	X			X	X		
BB-10	MW	S	57.4	29 to 39	28.40 to 18.40	11/13/1997	X	X	X			X			
FMW-129	MW	D	38.64	84.2 to 89.2	-45.56 to -50.56	5/23/2014						X			
						10/20/2015						X			
						2/2/2016						X			
						4/10/2017			X			X	X		
						6/23/2017			X			X	X		
						5/1/2019			X			X	X		
						7/16/2019			X			X	X		
						10/21/2019	X		X			X	X		
						11/12/2019						X			
						1/14/2020			X			X	X		
						2/18/2020						X			
						3/25/2020						X			
						4/27/2020						X			
						5/6/2020			X			X	X		
						5/19/2020						X			
HMW-1D	MW	D	38.07	80 to 90	-41.93 to -51.93	3/25/2019	X	X	X			X	X		
						3/9/2020	X	X	X			X	X	X	

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
HMW-1IB	MW	IB	38.29	54.3 to 64.3	-16.01 to -26.01	3/25/2019	X	X	X			X	X		
						3/10/2020	X	X	X			X	X	X	
HMW-1S	MW	S	36.01	20 to 30	16.01 to 6.01	3/25/2019	X	X	X			X	X	X	
						3/11/2020	X	X	X			X	X	X	X
HMW-2D	MW	D	47.34	80 to 90	-32.66 to -42.66	3/25/2019	X	X	X			X	X		
						3/12/2020	X	X	X			X	X	X	
HMW-2IA	MW	IA	45.55	34.8 to 44.8	10.75 to 0.75	3/25/2019	X	X	X			X	X		
						3/12/2020	X	X	X			X	X	X	
HMW-2IB	MW	IB	47.41	52.8 to 62.8	-5.39 to -15.39	3/25/2019	X	X	X			X	X		
						3/12/2020	X	X	X			X	X	X	
HMW-2S	MW	S	47.39	19.8 to 29.8	27.59 to 17.59	3/25/2019	X	X	X			X	X		
						3/12/2020	X	X	X			X	X	X	
HMW-3D	MW	D	56.56	80 to 90	-23.44 to -33.44	3/25/2019	X	X	X			X	X		
						3/13/2020	X	X	X			X	X	X	
HMW-3IA	MW	IA	55.02	34.8 to 44.8	20.22 to 10.22	3/25/2019	X	X	X			X	X		
						3/13/2020	X	X	X			X	X	X	
HMW-4IA	MW	IB	58.7	50 to 60	8.7 to -1.3	3/25/2019	X	X	X	X	X	X	X		
						3/10/2020	X	X	X	X	X	X	X	X	
HMW-5IB	MW	IB	58.44	49.7 to 59.7	8.74 to -1.26	3/17/2020	X	X	X	X	X	X	X	X	
HMW-6D	MW	D	58.58	79.7 to 89.7	-21.12 to -31.12	3/16/2020	X	X	X	X	X	X	X	X	
HMW-6IA	MW	IA	58.65	37.5 to 47.5	21.15 to 11.15	3/13/2020	X	X	X	X	X	X	X	X	
HMW-6IB	MW	IB	58.67	50 to 60	8.67 to -1.33	3/13/2020	X	X	X	X	X	X	X	X	
HMW-7IB	MW	IB	58.69	49.7 to 59.7	8.98 to -1.01	3/12/2020	X	X	X	X	X	X	X	X	
HMW-8IB	MW	IB	57.97	50.5 to 60.5	7.47 to -2.53	3/11/2020	X	X	X	X	X	X	X	X	X
HMW-9D	MW	D	55.32	79.7 to 89.7	-34.38 to -24.38	3/17/2020	X	X	X			X	X	X	
HMW-9IA	MW	IA	55.26	36.7 to 46.7	18.56 to 8.56	3/19/2020	X	X	X			X	X	X	
HMW-9IB	MW	IB	55.36	57 to 67	-1.64 to -11.64	3/19/2020	X	X	X			X	X	X	
HMW-9S	MW	S	55.39	25 to 35	30.39 to 20.39	3/17/2020	X	X	X			X	X	X	
HMW-10D	MW	D	48.16	79 to 89	-30.84 to -40.84	3/16/2020	X	X	X			X	X	X	
HMW-10S	MW	S	48.21	24.7 to 34.7	23.51 to 13.51	3/16/2020	X	X	X			X	X	X	
HMW-11IB	MW	IB	39.7	44.87 to 54.87	-5.17 to -15.17	3/16/2020	X	X	X			X	X	X	
HMW-11S	MW	S	41.47	25 to 35	16.47 to 6.47	3/11/2020	X	X	X			X	X	X	X
HMW-12D	MW	D	33.52	82 to 92	-48.48 to -58.48	9/10/2020	X	X	X	X	X	X	X	X	X
HMW-13D	MW	D	45.3	90 to 100	-44.70 to -54.70	9/10/2020	X	X	X	X	X	X	X	X	X
HMW-14D	MW	D	46.35	70 to 80	-23.65 to -33.65	9/16/2020	X	X	X	X	X	X	X	X	X
HMW-15IB	MW	IB	58.86	64 to 73	-5.14 to -14.14	9/16/2020	X	X	X	X	X	X	X	X	X
HMW-16IB	MW	IB	57.02	55 to 65	2.02 to -7.98	9/17/2020		X		X	X				
						9/18/2020	X		X	X	X	X	X	X	X
HMW-17S	MW	S	57.7	35 to 45	22.70 to 12.70	9/17/2020	X	X	X	X	X	X	X	X	X
HMW-18S	MW	S	57.46	35 to 45	22.46 to 12.46	9/17/2020	X	X	X	X	X	X	X	X	X
HMW-19S	MW	S	58.41	35 to 45	23.41 to 13.41	9/17/2020	X	X	X	X	X	X	X	X	X
HMW-20IA	MW	IA	53.46	41 to 51	12.46 to 2.46	9/18/2020	X	X	X	X	X	X	X	X	X
HMW-20S	MW	S	53.57	25 to 35	23.57 to 13.57	9/18/2020	X	X	X	X	X	X	X	X	X
HMW-21S	MW	S	38.17	30 to 40	8.17 to -1.83	11/3/2020		X							

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
HMW-22S	MW	S	38.75	27 to 37	11.75 to 1.75	11/3/2020		X							
21417-MB4	G	S	57.24	15 to 25	42.24 to 32.24	5/12/2017	X	X	X			X	X		
21417-MB9	G	S	39.05	15 to 25	24.05 to 14.05	5/11/2017	X	X	X			X	X	X	X
21417-MB10	G	S	38.08	20 to 30	18.08 to 8.08	5/11/2017	X	X	X			X	X	X	X
21417-MB11	G	S	39.04	15 to 25	24.04 to 14.04	5/11/2017	X	X	X			X	X	X	X
MBB-1	G	S	55.02	32 to 37	23.02 to 18.02	3/3/2020	X	X	X	X	X	X	X	X	
MBB-2	G	S	55.45	32 to 37	23.45 to 18.45	3/3/2020	X	X	X	X	X	X	X	X	
MBB-3	G	S	54.84	32 to 37	22.84 to 17.84	3/4/2020	X	X	X	X	X	X	X	X	
MBB-4	G	S	54.61	32 to 37	22.61 to 17.61	3/5/2020	X	X	X	X	X	X	X	X	
MBB-5	G	S	50.53	32 to 37	18.53 to 13.53	3/5/2020	X	X	X			X	X	X	X
MBB-6	G	S	50.33	25 to 30	25.33 to 20.33	3/5/2020	X	X	X			X	X	X	
MBB-7	G	S	49.41	27 to 32	22.41 to 17.41	3/4/2020	X	X	X			X	X	X	X
MBB-8	G	S	49.66	27 to 32	22.66 to 17.66	2/27/2020	X	X	X			X	X	X	X
MBB-9	G	S	47.55	27 to 32	20.55 to 15.55	2/28/2020	X	X	X			X	X	X	X
MBB-10	G	S	49.66	35 to 40	14.66 to 9.66	2/27/2020	X	X	X			X	X	X	X
MBB-12	G	S	33.69	27 to 32	6.69 to 1.69	3/6/2020								X	X
MBB-13	G	S	35.98	30 to 35	5.98 to 0.98	3/9/2020								X	X
MBB-15	G	S	37.73	30 to 35	7.73 to 2.73	3/6/2020		X		X	X				
MBB-16	G	S	53.7	30 to 40	23.70 to 17.70	9/3/2020	X	X	X	X	X	X	X	X	X
MBB-24	G	S	54.1	30 to 40	24.10 to 14.10	9/10/2020	X	X	X	X	X	X	X	X	X
MBB-25	G	S	58.63	30 to 40	28.63 to 18.63	10/31/2020				X	X				
MBB-26	G	S	58.79	30 to 40	28.79 to 18.79	10/30/2020				X					
MBGW-1	G	S	39.95	20 to 30	19.95 to 9.95	3/6/2019	X	X	X			X	X	X	X
MBGW-2	G	S	46.11	20 to 30	26.11 to 16.11	3/4/2019	X	X	X			X	X		X
MBGW-3	G	S	47.77	16 to 26	31.77 to 21.77	3/7/2019	X	X	X			X	X	X	X
MBGW-5	G	S	49.87	20 to 30	29.87 to 19.87	3/15/2019	X	X	X			X	X	X	X
MBGW-6	G	S	52.5	20 to 30	32.5 to 22.5	3/15/2019	X	X	X			X	X	X	X
MBGW-7	G	S	53.76	30 to 40	23.76 to 13.76	3/6/2019	X	X	X			X	X	X	X
MBGW-8	G	S	47.08	15 to 25	32.08 to 22.08	3/19/2019	X	X	X			X	X	X	X
MBGW-9	G	S	56.84	20 to 30	36.84 to 26.84	3/15/2019	X	X	X			X	X	X	X
MBGW-10	G	S	55.25	20 to 30	35.25 to 25.25	3/15/2019	X	X	X			X	X	X	X
MBGW-11	G	S	57.55	35 to 45	22.55 to 12.55	3/15/2019	X	X	X			X	X	X	X
MBGW-12	G	S	54	17.5 to 27.5	36.5 to 26.5	3/19/2019	X	X	X			X	X		
MBGW-13	G	S	54.72	20 to 30	34.72 to 24.72	3/15/2019	X	X	X			X	X	X	X
MBGW-14	G	S	46.09	20 to 30	26.09 to 16.09	3/6/2019	X	X						X	X
MBGW-15	G	S	40.87	20 to 30	20.87 to 10.87	3/15/2019	X	X	X			X	X	X	X
MBGW-16	G	S	52.14	20 to 30	32.14 to 22.14	3/8/2019	X	X	X			X	X	X	X
MBPP-5	G	S	45.92	18 to 28	27.92 to 17.92	3/7/2019	X	X	X			X	X	X	X

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
MW-105	G	D	45.59	80	-34.41	8/9/2012						X	X		
				100	-54.41	8/10/2012						X	X		
	MW	D	45.59	130 to 140	-84.48 to -94.48	8/16/2012						X	X		
						9/5/2012			X			X	X		
						12/29/2013			X			X	X		
						4/21/2015						X			
						6/17/2015						X			
						10/27/2015						X			
						2/3/2016						X			
						4/11/2018	X		X			X	X		
						1/23/2019	X		X			X	X		
						4/23/2019	X		X			X	X		
						7/17/2019	X		X			X	X		
						10/22/2019	X		X			X	X		
						1/20/2020	X		X			X	X		
						5/12/2020	X		X			X	X		
MW-106	G	D	52.9	35	17.9	8/14/2012						X	X		
				50	2.9	8/14/2012						X	X		
				90	-37.1	8/15/2012						X	X		
	MW	D	52.9	130 to 140	-77.1 to -87.1	8/22/2012						X	X		
						9/5/2012			X			X	X		
						12/17/2013			X			X	X		
						10/27/2015						X			
	MW	D	52.9	130 to 140	-77.1 to -87.1	2/2/2016						X			
						4/14/2017									
						6/30/2017									
						5/4/2018									
						4/26/2019	X		X			X	X		
						7/19/2019	X		X			X	X		
						10/18/2019	X		X			X	X		
						1/14/2020	X		X			X	X		
						5/6/2020	X		X			X	X		
MW-114	MW	IA	42.43	35 to 45	7.43 to -2.57	12/21/2012						X	X		
						12/18/2013			X			X	X		
MW-117	MW	IA	57.78	40 to 55	17.78 to 2.78	2/8/2013						X	X		
						12/18/2013	X	X	X			X	X		
MW-118	MW	IA	54.5	40 to 50	14.5 to 4.5	3/25/2013						X	X		
						12/18/2013	X	X	X			X	X		

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
MW-119	MW	IA	37.66	35 to 45	2.59 to -7.41	3/25/2013						X	X		
						12/19/2013			X			X	X		
						4/21/2015						X			
						6/17/2015						X			
						10/20/2015						X			
						2/2/2016						X			
						3/29/2017			X			X	X		
						6/28/2017			X			X	X		
						4/5/2018			X			X	X		
						1/21/2019			X			X	X		
						4/29/2019			X			X	X		
						7/19/2019			X			X	X		
						10/10/2019			X			X	X		
						11/11/2019						X			
						1/14/2020			X			X	X		
						2/18/2020						X			
						3/24/2020						X			
						4/27/2020			X			X	X		
						5/19/2020						X			
MW-140	MW	D	50.32	129.5 to 139.5	-79.18 to -89.18	9/22/2017			X			X	X		
						4/12/2018	X		X			X	X		
MW-146	MW	IA	52.86	39.8 to 49.8	13.06 to 3.06	4/30/2018	X		X			X	X		
						1/22/2019	X		X			X	X		
						4/24/2019	X		X			X	X		
						7/19/2019	X		X			X	X		
						10/14/2019	X		X			X	X		
						1/24/2020	X		X			X	X		
						4/30/2020	X		X			X	X		
						11/10/2020	X	X	X			X	X		
MW-147	MW	IB	52.49	70 to 80	-17.51 to -27.51	5/1/2018	X		X			X	X		
						1/22/2019	X		X			X	X		
						4/23/2019	X		X			X	X		
						7/18/2019	X		X			X	X		
						10/14/2019	X		X			X	X		
						1/24/2020	X		X			X	X		
						4/29/2020	X		X			X	X		
						11/10/2020	X	X	X			X	X		
MW-148	MW	IB	44.29	70 to 80	-25.71 to -35.71	5/1/2018	X		X			X	X		
						1/23/2019	X		X			X	X		
						4/26/2019	X		X			X	X		
						7/22/2019	X		X			X	X		
						10/16/2019	X		X			X	X		
						1/20/2020	X		X			X	X		
						4/30/2020	X		X			X	X		

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals
MW-153	MW	D	54.84	120 to 130	-65.16 to -75.16	5/1/2018	X		X			X	X		
						1/22/2019	X		X			X	X		
						4/24/2019	X		X			X	X		
						7/22/2019	X		X			X	X		
						10/15/2019	X		X			X	X		
						1/21/2020	X		X			X	X		
						4/30/2020	X		X			X	X		
MW-154	MW	S	53.22	25 to 35	28.22 to 18.22	4/30/2018	X		X			X	X		
						1/21/2019	X		X			X	X		
						4/24/2019	X		X			X	X		
						7/15/2019	X		X			X	X		
						10/14/2019	X		X			X	X		
						1/21/2020	X		X			X	X		
						4/30/2020	X		X			X	X		
MW-155	MW	S	44.47	20 to 30	24.47 to 14.47	4/27/2018	X		X			X	X		
						1/21/2019	X		X			X	X		
						4/23/2019	X		X			X	X		
						7/23/2019	X		X			X	X		
						10/16/2019	X		X			X	X		
						1/20/2020	X		X			X	X		
						5/5/2020	X		X			X	X		
MW-315	MW	IA	49.56	37.5 to 47.4	12.06 to 2.16	10/3/2019			X			X	X		
						1/16/2020			X			X	X		
						4/24/2020			X			X	X		
MW-316	MW	IB	49.71	59.8 to 69.8	-10.07 to -20.07	10/2/2019			X			X	X		
						10/3/2019									
						1/16/2020			X			X	X		
						4/21/2020			X			X	X		
MW-325	MW	IA	41.42	34.5 to 44.5	6.92 to -3.08	10/3/2019			X			X	X		
						1/17/2020			X			X	X		
						4/21/2020			X			X	X		
MW-326	MW	D	41.31	90 to 100	-48.69 to -58.69	10/3/2019			X			X	X		
						1/17/2020			X			X	X		
						4/21/2020			X			X	X		

Notes:

a. "G" represents grab groundwater from temporary wells and "MW" represents groundwater from permanent monitoring wells.

b. "S" represents Shallow,"IA" represents Intermediate A, "IB" represents Intermediate B, and "D" represents Deep.

c. Elevations relative to North American Vertical Datum of 1988 (NAVD88).

d. Sample depths for grab groundwater samples are approximate.

e. A note on terminology: for the purposes of this report, we use the term CVOCs to refer to the volatile compound tetrachloroethene and its degradation products, trichloroethene, cis- and trans-1,2-dichloroethene, and vinyl chloride. We use the term BTEX to refer to the volatile aromatic compounds benzene, toluene, ethylbenzene, and xylenes. All other volatile organic compounds, including chlorinated compounds such as 1,1,1-trichloroethane and 1,1-dichloroethane, are referred to as VOCs.

Table shows sampling relevant to Seattle DOT Mercer Parcels Site. Other sampling done at American Linen site is presented in PES Environmental (2019).

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Boring/Well ID	Grab or Monitoring Well?[a]	Groundwater Depth Zone[b]	Surface Elevation[c] (ft)	Sample Depth (ft)[d]	Sample Elevation[c] (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[e]	VOCs	Total Metals	Dissolved Metals

BTEX = Benzene, toluene, ethylbenzene, and xylenes.
cPAHs = Carcinogenic polycylic aromatic hydrocarbons.
CVOCs = Chlorinated volatile organic compounds.
DRO = Diesel-range petroleum hydrocarbons.
ft = feet.
GRO = Gasoline-range petroleum hydrocarbons.
HO = Heavy oil-range petroleum hydrocarbons.
PAHs = Polycyclic aromatic hydrocarbons.
VOCs = Volatile organic compounds.

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TABLE 5-10
GROUNDWATER RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX NWTPH-DXSG NWTPH-HCID
SHALLOW ZONE														
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	50 U	-	**281**	-	-	**226**	-	**507**
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	50 U	-	50 U	-	-	**146**	-	**146**
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	50 U	-	50.2 U	-	-	**970**	-	**970**
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	50 U	-	50.1 U	-	-	**238**	-	**238**
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	100 U	-	630 U	-	-	630 U	-	630 U
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/11/2020	100 U	-	**200 J**	-	-	250 U	-	**200 J**
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	**56 J**	-	-	260 U	-	**56 J**
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	100 U	-	**61 J**	-	-	250 U	-	**61 J**
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	100 U	-	**66 J**	-	-	250 U	-	**66 J**
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	100 U	-	620 U	-	-	250 U	-	620 U
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	**170**	-	50 U	-	-	250 U	-	250 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-21S	38.17	N	30 to 40	8.17 to -1.83	MW	11/3/2020	-	-	50 U	-	-	250 U	-	250 U
HMW-22S	38.75	N	27 to 37	11.75 to 1.75	MW	11/3/2020	-	-	62 U	-	-	250 U	-	250 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	**160**	-	**130 J**	-	-	250 U	-	**130 J**
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	**720**	-	**150 J**	-	-	250 U	-	**150 J**
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	**180**	-	**100 J**	-	-	250 U	-	**100 J**
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	**240**	-	**150 J**	-	-	250 U	-	**150 J**
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	**180**	-	**69 J**	-	-	250 U	-	**69 J**
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	100 U	-	90 UJ	-	-	450 UJ	-	450 UJ
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	100 U	-	**220 J**	-	-	**290 J**	-	**510**
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	**130**	-	**96**	-	-	250 U	-	**96**
MBB-15	37.73	N	30 to 35	7.73 to 2.73	G	3/6/2020	-	-	**360 J**	-	-	250 U	-	**360 J**
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	**1600**	-	**650 J**	-	-	250 U	-	**650 J**

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX NWTPH-DXSG NWTPH-HCID
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-14	46.09	N	20 to 30	26.09 to 16.09	G	3/6/2019	-	-	200 U	-	200 U	500 U	-	500 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	32.1 U	-	-	-	-	-	-	-
						1/21/2019	100 U	-	-	-	-	-	-	-
						4/24/2019	100 U	-	-	-	-	-	-	-
						7/15/2019	**68 J**	-	-	-	-	-	-	-
						10/14/2019	100 U	-	-	-	-	-	-	-
						1/21/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**47.5 J**	-	-	-	-	-	-	-
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	60.9 U	-	-	-	-	-	-	-
						1/21/2019	100 U	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/23/2019	100 U	-	-	-	-	-	-	-
						10/16/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	**44.9 J**	-	-	-	-	-	-	-
						5/5/2020	100 U	-	-	-	-	-	-	-
INTERMEDIATE A ZONE														
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	250 U	-	630 U	-	-	630 U	-	630 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX NWTPH-DXSG NWTPH-HCID
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	**200 >**	-	500 U	-	-	1000 U	-	1000 U
						1/29/2009	**499**	-	-	-	-	-	-	-
						6/2/2011	**130**	-	50 U	-	-	250 U	-	250 U
						4/11/2018	100 U	-	-	-	-	-	-	-
						1/23/2019	**99.6 J**	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/17/2019	**112 B**	-	-	-	-	-	-	-
						10/22/2019	**176**	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						5/12/2020	**101 Z J+**	-	-	-	-	-	-	-
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	**669**	-	-	-	-	-	-	-
						6/2/2011	**380**	-	50 U	-	-	250 U	-	250 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/12/2020	**160**	-	51 U	-	-	250 U	-	250 U
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/13/2020	**190**	-	**150 J**	-	-	250 U	-	**150 J**
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	100 U	-	**160 J**	-	-	250 U	-	**160 J**
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-20IA	53.83	N	40.9 to 50.9	12.93 to 2.93	MW	9/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	12/18/2013	100 U	-	50 U	-	-	250 U	-	250 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	12/18/2013	100 U	-	50 U	-	-	250 U	-	250 U
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	**597**	-	-	-	-	-	-	-
						1/22/2019	**509 J**	-	-	-	-	-	-	-
						4/24/2019	**88 J**	-	-	-	-	-	-	-
						7/19/2019	**46.3 J**	-	-	-	-	-	-	-
						10/14/2019	**1310**	-	-	-	-	-	-	-
						1/24/2020	**1140 J**	-	-	-	-	-	-	-
						4/30/2020	**1080**	-	-	-	-	-	-	-
						11/10/2020	100 U	-	50 U	50 U	-	250 U	250 U	250 U
INTERMEDIATE B ZONE														
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/10/2020	100 U	-	60 U	-	-	300 U	-	300 U
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	51 U	-	-	260 U	-	260 U
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	100 U	-	50 U	-	-	250 U	-	250 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX NWTPH-DXSG NWTPH-HCID
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	100 U	-	**83 J**	-	-	250 U	-	**83 J**
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	100 U	-	52 U	-	-	260 U	-	260 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	**580 J**	-	**60 J**	-	-	250 U	-	**60 J**
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	100 U	-	**74 J**	-	-	250 U	-	**74 J**
		FD					100 U	-	**64 J**	-	-	250 U	-	**64 J**
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/17/2020	-	-	**210 J**	-	-	250 U	-	**210 J**
						9/18/2020	100 U	-	-	-	-	-	-	-
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	**484**	-	-	-	-	-	-	-
						1/22/2019	**663 J**	-	-	-	-	-	-	-
						4/23/2019	**139**	-	-	-	-	-	-	-
						7/18/2019	**175**	-	-	-	-	-	-	-
						10/14/2019	**513**	-	-	-	-	-	-	-
						1/24/2020	**1200 J**	-	-	-	-	-	-	-
						4/29/2020	**1150**	-	-	-	-	-	-	-
						11/10/2020	100 U	-	50 U	50 U	-	250 U	250 U	250 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	31.6 U	-	-	-	-	-	-	-
		FD					31.6 U	-	-	-	-	-	-	-
		N				1/23/2019	100 U	-	-	-	-	-	-	-
						4/26/2019	100 U	-	-	-	-	-	-	-
						7/22/2019	100 U	-	-	-	-	-	-	-
						10/16/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**36.8 J**	-	-	-	-	-	-	-
DEEP ZONE														
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	10/21/2019	**141**	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/9/2020	**140**	-	**94 J**	-	-	250 U	-	**94 J**
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	**86 J**	-	-	250 U	-	**86 J**
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/13/2020	100 U	-	**480 J**	-	-	250 U	-	**480 J**
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	100 U	-	**230 J**	-	-	250 U	-	**230 J**
		FD					100 U	-	**210 J**	-	-	250 U	-	**210 J**
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	100 U	-	50 U	-	-	250 U	-	250 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	NWTPH-GX NWTPH-HCID	NWTPH-GX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX	NWTPH-DX NWTPH-HCID	NWTPH-DXSG	NWTPH-DX NWTPH-DXSG NWTPH-HCID
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
MW-105	45.59	N	130 to 140	-84.41 to -94.41	MW	4/11/2018	100 U	-	-	-	-	-	-	-
						1/23/2019	100 U	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/17/2019	**37.8 J**	-	-	-	-	-	-	-
						10/22/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						5/12/2020	**52.7 J**	-	-	-	-	-	-	-
MW-106	52.9	N	130 to 140	-77.10 to -87.10	MW	4/26/2019	100 U	-	-	-	-	-	-	-
						7/19/2019	100 U	-	-	-	-	-	-	-
						10/18/2019	100 U	-	-	-	-	-	-	-
						1/14/2020	100 U	-	-	-	-	-	-	-
						5/6/2020	**32.3 J**	-	-	-	-	-	-	-
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	4/12/2018	100 U	-	-	-	-	-	-	-
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	**31.6 J**	-	-	-	-	-	-	-
						1/22/2019	100 U	-	-	-	-	-	-	-
						4/24/2019	100 U	-	-	-	-	-	-	-
						7/22/2019	100 U	-	-	-	-	-	-	-
						10/15/2019	100 U	-	-	-	-	-	-	-
						1/21/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**38.2 J**	-	-	-	-	-	-	-

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or applicable.

> = Detected, value is the laboratory reporting limit; exact quantitative concentration not applicable due to hydrocarbon identification (HCID) method.

B = Compound was detected in the sample and the associated blank.

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

J+ = Value is estimated with a potential high bias.

MW = Monitoring well sample.

N = Primary environmental sample.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

Z = No/low level gasoline/petroleum detection; result is likely due to high detections of chlorinated volatile organic compounds.

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TABLE 5-11
GROUNDWATER RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Carcinogenic Semi-Volatile Organic Compounds							
							Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM
SHALLOW ZONE														
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-19S	58.2	N	35 to 45	23.2 to 13.2	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-15	37.73	N	30 to 35	7.73 to 2.73	G	3/6/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-16	53.7	N	30 to 40	23.7 to 13.7	G	9/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-24	54.1	N	30 to 40	24.1 to 14.1	G	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-25	58.63	N	30 to 40	28.63 to 18.63	G	10/31/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0086 U
MBB-26	58.79	N	30 to 40	28.79 to 18.79	G	10/30/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0086 U
INTERMEDIATE A ZONE														
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
INTERMEDIATE B ZONE														
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
DEEP ZONE														
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U

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TABLE 5-11
GROUNDWATER RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Non-Carcinogenic Semi-Volatile Organic Compounds										
							1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8270E	SW8270E	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM	SW8270E SW8270ESIM
SHALLOW ZONE																	
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-19S	58.2	N	35 to 45	23.2 to 13.2	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	**2.2**	0.04 U	0.04 U
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-15	37.73	N	30 to 35	7.73 to 2.73	G	3/6/2020	-	-	**0.25**	0.04 U	0.04 U	0.04 U	0.04 U	**0.098**	0.4 U	**0.18**	0.04 U
MBB-16	53.7	N	30 to 40	23.7 to 13.7	G	9/3/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-24	54.1	N	30 to 40	24.1 to 14.1	G	9/10/2020	**1.6**	**1.6**	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	**6**	0.04 U	0.04 U
MBB-25	58.63	N	30 to 40	28.63 to 18.63	G	10/31/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-26	58.79	N	30 to 40	28.79 to 18.79	G	10/30/2020	-	-	-	-	-	-	-	-	-	-	-
INTERMEDIATE A ZONE																	
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
INTERMEDIATE B ZONE																	
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/10/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
DEEP ZONE																	
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U

Notes:
Bold indicates a detected concentration at or above the laboratory reporting limit.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
'- = Data not available or applicable.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected at detection limit indicated.
ug/L = microgram per liter.

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,1,1,2-Tetrachloro ethane	1,1,1-Trichloro ethane	1,1,2,2-Tetrachloro ethane	1,1,2-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	1,1-Dichloro propene	1,2,3-Trichloro benzene	1,2,3-Trichloro propane	1,2,3-Trimethyl benzene	1,2,4-Trichloro benzene	1,2,4-Trimethyl benzene	1,2-Dibromo- 3-chloro propane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
SHALLOW ZONE																			
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	1 U	-	1 U	1 U	1 U	4 U	1 U	-	1 U	1 U	1 U
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U	**1.1**	1 U
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U	**1.28**	1 U
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U	**1.04**	1 U
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.11 UJ
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.11 UJ
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	**0.65**	3 UJ
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	**0.71**	0.8 UJ
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	**17**	0.8 UJ
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	**2.7**	0.8 UJ
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.61**	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.86**	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.02 UJ	-	1 U	0.2 UJ	0.4 UJ
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	**37**	3 UJ
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	-	0.5 U	2.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.249 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						5/5/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	1 U	0.5 U	2.5 U
INTERMEDIATE A ZONE																			
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	-	-	-

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						6/2/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	1 U
						6/14/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.403 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						5/12/2020	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	1 UJ	0.5 U	2.5 U
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						6/2/2011	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	100 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.1**	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.5**	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	-	1 U	-	-	1 U	**3**	-	-	-	-	-	-	-
						12/18/2013	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	-	50 U	50 U	500 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U

Public Review Draft

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							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						12/19/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						6/28/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.165 J**	2.5 U	0.5 U	0.5 UJ	0.5 U	2.5 U
						4/5/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ
		PESE					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ
		N				2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				4/27/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 UJ	0.5 U	2.5 UJ
		PESE					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 UJ	0.5 U	2.5 UJ
		N				5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.02**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.44**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.04**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.15**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.83**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/24/2020	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	250 U
						4/30/2020	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	100 U	50 U	250 U
						11/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.7**	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 UJ	0.5 U	2.5 UJ
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U
INTERMEDIATE B ZONE																			
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.11 UJ

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.11 UJ
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.11 UJ
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**13**	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
		FD					0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.59**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.83**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.75**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.33**	0.5 U	0.5 U	2.5 U	10 U	0.5 U	10 U	2.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.92**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/24/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U	12.5 U	62.5 U
						4/29/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	25 U	12.5 U	62.5 U
						11/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**4.5**	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
		FD					-	-	-	-	0.5 U	0.5 U	-	-	-	-	-	-	-
		N				1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U

Public Review Draft

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							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DEEP ZONE																			
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**4.86**	2.5 U	2.5 U	12.5 U	2.5 U	2.5 U	2.5 U	5 U
						6/23/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						5/1/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.26**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.69**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.62**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	25 U	5 U	5 U	5 U	25 UJ
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.589**	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/9/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.1**	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-	0.2 U	0.8 UJ
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
		FD					0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-	0.2 U	0.8 UJ
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.7**	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U	0.2 U	3 UJ

Public Review Draft

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							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
			100	-54.41		8/10/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.225 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						5/12/2020	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	**0.194 J**	0.5 U	0.5 UJ	2.5 U	0.5 U	1 UJ	0.5 U	2.5 U
MW-106	52.9	N	35	17.9	G	8/14/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
			50	2.9		8/14/2012	-	1 U	-	-	1 U	**2.1**	-	-	-	-	-	-	-
			90	-37.1		8/15/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						12/17/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	10 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						10/18/2019	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.226 J	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.355 J	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.139 J**	0.5 U	**0.225 J**	2.5 U
						10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	2.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U	0.5 U	2.5 U

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
SHALLOW ZONE																			
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	-	-	1 U	-
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	-	-	1 U	-
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	-	-	1 U	-
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	-	-	1 U	-
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/11/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/12/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	1 U	0.2 UJ	1 U	0.2 UJ	1 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	20 U	-	0.2 UJ	10 U
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	1 U	0.2 U	**7.1**	0.2 U	**14**	0.2 U	0.2 U	0.2 U	0.2 U	20 U	-	0.2 U	10 U
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/5/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
INTERMEDIATE A ZONE																			
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	-	-	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						6/2/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5 U
						6/14/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/11/2018	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						6/2/2011	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	-	10 U	100 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/12/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/13/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						12/18/2013	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	-	50 U	500 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						12/19/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	2.5 U	2.5 U	0.5 U	5 U
						6/28/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/5/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK	5 U	-	0.5 U	5 U
						10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
		PESE					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
		N				2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				4/27/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
		PESE					0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
		N				5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK	5 U	-	0.5 U	5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
						1/24/2020	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	-	50 U	500 U
						4/30/2020	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	500 U	-	50 U	500 U
						11/10/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 U	-	0.2 U	10 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**	5 U	-	0.5 U	5 U
INTERMEDIATE B ZONE																			
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/10/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/12/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/10/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
		FD					-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	**25 J**	-	0.2 U	10 U
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
						1/24/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	25 U	12.5 U	12.5 U	125 U	-	12.5 U	125 U
						4/29/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	25 U	12.5 U	12.5 U	125 U	-	12.5 U	125 U
						11/10/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 U	-	0.2 U	10 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
		FD					-	0.5 U	0.5 U	0.5 U	-	-	-	0.5 U	-	-	-	-	-
		N				1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**	5 U	-	0.5 U	5 U

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							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
DEEP ZONE																			
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12.5 U	-	2.5 U	12.5 U
						6/23/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/1/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	50 U	-	5 U	50 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/9/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/12/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	1 U	-
						3/13/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
		FD					-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 U	-
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 U	-	0.2 U	10 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 U	-	0.2 U	10 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	20 UJ	-	0.2 U	10 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
			100	-54.41		8/10/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 U
MW-106	52.9	N	35	17.9	G	8/14/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
			50	2.9		8/14/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
			90	-37.1		8/15/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	-	-	1 U	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						12/17/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	-	1 U	10 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK	5 U	-	0.5 U	5 U
						10/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 UJ	-	0.5 U	5 UJ
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	**0.141 J**	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chlorotoluene	2-Hexanone
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	5 U	-	0.5 U	5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**	5 U	-	0.5 U	5 U

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
SHALLOW ZONE																			
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	1 U	-	-	-	-	-	-	-
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/11/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	0.2 U	-	-	-	**0.29**	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	0.2 U	-	-	-	**2.8**	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	0.2 U	-	-	-	**25**	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	0.2 U	-	-	-	**1.8**	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	0.2 U	-	-	-	**0.13**	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	1 U	0.2 UJ	10 U	50 U	-	0.2 U	1 U	0.2 UJ	5 U	5 U	-	0.2 UJ	0.2 UJ
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	**2**	0.2 U	10 U	50 UJ	-	**34**	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	5 U	**12.9 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/21/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	5 U	**2.68 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/15/2019	0.5 U	0.5 U	5 U	**3.42 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/14/2019	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
						1/21/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/21/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	5 U	**1.86 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/23/2019	0.5 U	0.5 U	5 U	**1.69 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/16/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/5/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
INTERMEDIATE A ZONE																			
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	0 U ND	-	-	-	-	-	-	-

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	**1.8**	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	**0.694**	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						9/5/2012	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/29/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	2.5 U	**2.52**	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
						6/14/2017	0.5 U	0.5 U	5 U	**1.5 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/11/2018	0.5 U	0.5 U	5 UJ	**1.16 J**	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U
						1/23/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	5 U	**2.03 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/17/2019	0.5 U	0.5 U	5 U	**2.06 JK**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/22/2019	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/12/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	-	-	-	-	-	0.5 U	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	10 U	10 U	100 U	100 U	-	3.5 U	10 U	10 U	10 U	10 U	-	10 U	10 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/13/2020	-	0.2 U	-	-	-	**1.4**	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	50 U	50 U	500 U	500 U	-	17 U	50 U	50 U	50 U	50 U	-	50 U	50 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-	-	-
						12/19/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	2.5 U	**1.28 J**	5 U	**0.139**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						6/28/2017	0.5 U	0.5 U	5 U	**3.73 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/5/2018	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/21/2019	0.5 U	0.5 U	5 U	**4.46 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/29/2019	0.5 U	0.5 U	5 U	**1.9 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	5 U	**5.73 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						10/10/2019	0.5 U	0.5 U	5 U	**1.2 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				1/14/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
		PESE					0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
		N				2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				4/27/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
		PESE					0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
		N				5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	5 U	**4.54 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	5 U	**1.98 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	5 U	**1.58 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						10/14/2019	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
						1/24/2020	50 U	50 U	500 U	2500 UJ	500 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U
						4/30/2020	50 U	50 U	500 U	**1130**	500 U	50 U	50 U	50 U	50 U	250 U	50 UJ	50 U	50 U
						11/10/2020	1 U	0.2 U	10 U	50 U	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/16/2020	0.5 U	0.5 U	5 U	**1.06 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/24/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	**0.43 J**	0.5 U	0.5 U
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/17/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
INTERMEDIATE B ZONE																			
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/10/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U

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							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/10/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
		FD					-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	0.5 U	0.5 U	5 U	**3.16 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**6.02**	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	5 U	**1.51 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	5 U	**1.91 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/18/2019	0.5 U	0.5 U	5 U	**2.11 JK**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/14/2019	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
						1/24/2020	12.5 U	12.5 U	125 U	625 UJ	125 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U	12.5 U
						4/29/2020	12.5 U	12.5 U	125 U	625 U	125 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 UJ	12.5 U	12.5 U
						11/10/2020	1 U	0.2 U	10 U	50 U	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	5 U	**6.56 J**	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	**1.01**	0.5 U	0.5 U
		FD					0.5 U	-	-	**5.73**	-	0.5 U	-	-	-	-	**1.14**	-	0.5 U
		N				1/23/2019	0.5 U	0.5 U	5 U	**1.9 JT**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/26/2019	0.5 U	0.5 U	5 U	**1.7 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	**0.198 J**	0.5 U	0.5 U
						7/22/2019	0.5 U	0.5 U	5 U	**2.48 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/16/2019	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.485 J**	0.5 U	0.5 U
						1/16/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.814**	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.642**	0.5 U	0.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DEEP ZONE																			
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	12.5 U	125 U	12.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
						6/23/2017	0.5 U	0.5 U	5 U	**1.15 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/1/2019	0.5 U	0.5 U	5 U	**4.93 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						7/16/2019	0.5 U	0.5 U	5 U	**2.75 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/21/2019	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	5 U	50 U	250 U	50 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/9/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	1 U	1 U	-	-	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/13/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	-	0.2 U	-	-	-	**0.42**	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	0.2 U	-	-	-	**0.21**	-	0.2 U	-	-	-	0.2 U	0.2 U
		FD					-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	0.2 U	-	-	-	0.2 U	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U	0.2 U	5 U	5 U	-	0.2 U	0.2 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
			100	-54.41		8/10/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/29/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	0.5 U	5 UJ	**4.51 J**	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U
						1/23/2019	0.5 U	0.5 U	5 U	**1.73 JT**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	5 U	**1.22 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						7/17/2019	0.5 U	0.5 U	5 U	**2.18 JK**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						10/22/2019	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/12/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
MW-106	52.9	N	35	17.9	G	8/14/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
			50	2.9		8/14/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
			90	-37.1		8/15/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	-	-	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/17/2013	1 U	1 U	10 U	10 U	-	0.35 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	0.5 U	5 U	**1.65 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	**0.142 J**	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	5 U	**2.16 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U
						10/18/2019	0.5 U	0.5 U	5 U	**2.01 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U
						1/14/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						5/6/2020	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	5 U	2.11 E	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/12/2018	0.5 U	0.5 U	5 UJ	2.13 J	5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.699 J	0.5 UJ	0.5 U
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	5 U	**2.65 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**4.54**	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	5 U	**3.82 J**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	**0.394 J**	0.5 U	0.5 U
						7/22/2019	**0.159 J**	0.5 U	5 U	**1.98 J**	5 U	**0.177 J**	0.5 U	0.5 U	0.5 U	2.5 U	**0.25 J**	0.5 U	0.5 U
						10/15/2019	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						1/21/2020	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylo nitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**4.09**	0.5 U	0.5 U
						1/17/2020	0.5 U	0.5 U	5 U	25 U	5 U	**0.113 J**	0.5 U	0.5 U	0.5 U	2.5 UJ	**0.792**	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	5 U	25 U	5 U	**0.108 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
SHALLOW ZONE																			
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	-	1 U	4 U
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	4 U
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	4 U
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	-	1 U	1 U	1 U	1 U	1 U	**1.46**	1 U	1 U	1 U	-	1 U	4 U
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	0 U ND	-	-	-	-	-	-	1 U	-
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/11/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/12/2020	-	0.2 U	**0.26**	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	0.2 U	**0.26**	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	0.2 U	**0.26**	2 U	**0.2**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	**0.2**	0.2 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	-	0.2 U	0.2 U	2 U	**1.4**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	**0.4**	0.2 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	**2**	0.2 U
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	**21**	0.2 U
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	**1.3**	0.2 U
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	0.2 U	0.2 U	2 U	**110**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	0.2 U	0.2 U	2 U	**3.4**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	0.2 U	0.2 U	2 U	**7.3**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	0.2 U	**0.25**	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	0.2 U	0.2 U	2 U	**130**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	-	0.5 UJ	0.2 UJ	2 U	**1.2**	1 U	1 U	0.2 UJ	1 U	1 U	-	0.2 U	0.2 UJ
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	**3.8**	0.5 U	1 U	1 U	-	**24**	0.2 U
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	-	1 U	1 U	1 U	**19**	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	-	1 U	1 U	1 U	**4.8**	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	-	1 U	1 U	1 U	**2.1**	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	-	1 U	1 U	1 U	**1**	1 U	-	1 U	1 U	-	-	1 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	0.5 U	2.5 U	0.5 U	1.25 U	**1.77**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/21/2019	0.5 U	2.5 U	0.5 U	1.25 U	**2.03**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/24/2019	0.5 U	**0.369 J**	0.5 U	1.25 U	**1.76**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/15/2019	0.5 U	2.5 U	0.5 U	**0.161 J**	**2.55**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/14/2019	0.5 U	2.5 U	0.5 U	1.25 U	**1.4**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/21/2020	0.5 U	2.5 UJ	0.5 U	1.25 U	**2.26**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/30/2020	0.5 U	2.5 U	0.5 U	1.25 U	**2.58**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	0.5 U	2.5 U	0.5 U	1.25 U	**0.466 J**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/21/2019	0.5 U	2.5 U	0.5 U	1.25 U	**0.274 J**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/23/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	**71.9**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/23/2019	0.5 U	2.5 U	0.5 U	1.25 U	**12.1**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/16/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	**36.2**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/20/2020	0.5 U	2.5 U	0.5 U	1.25 U	**12.7**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/5/2020	0.5 U	2.5 U	0.5 U	1.25 U	**16.4**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
INTERMEDIATE A ZONE																			
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	**1.1**	-	-	-	-	-	-	0 U ND	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	**3100**	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	**4200**	-	-	-	-	-	-	1 U	-
						1/29/2009	-	-	-	-	**441**	-	-	-	-	-	-	0.5 U	-
						5/3/2010	-	1 U	-	-	**110**	-	-	-	-	-	-	-	-
						6/2/2011	-	1 U	1 U	10 U	**44**	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						9/5/2012	-	1 U	1 U	10 U	**29**	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/29/2013	-	1 U	1 U	10 U	**27**	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						6/17/2015	-	-	-	-	**37**	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	**3.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
						6/14/2017	0.5 U	2.5 U	0.5 U	1.25 U	**12.6**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/11/2018	0.5 U	2.5 U	0.5 U	1.25 UJ	**4.64**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
						1/23/2019	0.5 U	2.5 U	0.5 U	1.25 U	**81.5**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/23/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	**7.57**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/17/2019	0.5 U	2.5 U	0.5 U	1.25 U	**19.3**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/22/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	**31.8 J**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
						1/20/2020	0.5 U	2.5 U	0.5 U	1.25 U	**16.5**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/12/2020	0.5 U	2.5 U	0.5 U	1.25 U	**17.6**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	-	-	-	-	**549**	-	-	-	-	-	-	0.5 U	-
						5/3/2010	-	1 U	-	-	**140**	-	-	-	-	-	-	-	-
						6/2/2011	-	10 U	10 U	100 U	**170**	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	-	1 U	1 U	1 U	**120**	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/12/2020	-	0.2 U	0.2 U	2 U	**180**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/13/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	0.2 UJ	0.2 U	2 U	**3.7**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	-	0.2 U	0.2 U	2 U	**840**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	-	1 U	-	-	**260**	-	-	-	-	-	-	-	-
						12/18/2013	-	50 U	50 U	500 U	**640**	50 U	50 U	50 U	50 U	50 U	-	50 U	50 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
						12/18/2013	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
						12/18/2013	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	-	1 U	-	-	**3.3**	-	-	-	-	-	-	-	-
						12/19/2013	-	1 U	1 U	10 U	**2.5**	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						4/21/2015	-	-	-	-	**50**	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	**52**	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	**74**	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	**100**	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	**42.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
						6/28/2017	0.5 U	2.5 U	0.5 U	1.25 U	**5.99**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/5/2018	0.5 U	2.5 U	0.5 U	1.25 U	**18.3**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/21/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/29/2019	0.5 U	2.5 UJK	0.5 U	1.25 UJK	**10.9**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/19/2019	0.5 U	2.5 U	0.5 U	1.25 UJK	**0.34 J**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/10/2019	0.5 U	2.5 U	0.5 U	1.25 U	**12.6**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						11/11/2019	-	-	-	-	**10**	-	-	-	-	-	-	-	-
		FC				1/14/2020	0.5 U	2.5 U	0.5 U	1.25 U	**7.4**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
		PESE					0.5 U	2.5 U	0.5 U	1.25 U	**9.63**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
		N				2/18/2020	-	-	-	-	**6.6**	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	**4.7**	-	-	-	-	-	-	-	-
		FC				4/27/2020	0.5 U	2.5 U	0.5 U	1.25 U	**5.1**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
		PESE					0.5 U	2.5 U	0.5 U	1.25 U	**6.88**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
		N				5/19/2020	-	-	-	-	**6.1**	-	-	-	-	-	-	-	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	**1.05 J**	0.5 U	1.25 U	**900**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/22/2019	0.5 U	**1.6 J**	0.5 U	1.25 U	**1080**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/24/2019	0.5 U	**0.719 J**	0.5 U	1.25 U	**257**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/19/2019	0.5 U	2.5 U	0.5 U	1.25 UJK	**257**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/14/2019	0.5 U	2.5 U	0.5 U	1.25 U	**1350**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/24/2020	50 U	250 U	50 U	125 U	**1460**	50 U	50 U	50 U	50 U	250 UJ	50 U	50 U	100 U
						4/30/2020	50 U	250 U	50 U	125 U	**2100**	50 U	50 U	50 U	50 U	250 U	50 U	50 U	100 U
						11/10/2020	-	0.2 U	0.2 U	2 U	**3800**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/16/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/24/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	0.5 U	2.5 U	0.5 U	1.25 U	**0.607**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/17/2020	0.5 U	2.5 UJ	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
						4/21/2020	0.5 U	2.5 U	0.5 U	1.25 U	**0.696**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U
INTERMEDIATE B ZONE																			
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	-	1 U	1 U	1 U	**22**	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/10/2020	-	0.2 U	0.2 U	2 U	**16**	-	-	0.2 U	-	-	-	0.2 U	0.2 U

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							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/12/2020	-	0.2 U	0.2 U	2 U	**0.59**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/10/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	0.2 U	0.2 U	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	0.2 UJ	0.2 U	2 U	**9100**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	0.2 U	**0.26**	2 U	**3.6**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
		FD					-	0.2 U	**0.23**	2 U	**3.4**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	-	0.2 U	0.2 U	2 U	**3.3**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 UJ
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	0.5 U	**2.01 J**	0.5 U	1.25 U	**399**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.158 U	1 U
						1/22/2019	0.5 U	2.5 U	0.5 U	1.25 U	**1230**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/23/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	**322**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/18/2019	0.5 U	2.5 U	0.5 U	1.25 U	**219**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	10 U	1 U
						10/14/2019	0.5 U	2.5 U	0.5 U	1.25 U	**597**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/24/2020	12.5 U	62.5 U	12.5 U	31.3 U	**1100**	12.5 U	12.5 U	12.5 U	12.5 U	62.5 UJ	12.5 U	12.5 U	25 U
						4/29/2020	12.5 U	62.5 U	12.5 U	31.3 U	**2410**	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U	25 U
						11/10/2020	-	0.2 U	0.2 U	2 U	**3500**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	2.5 U	0.5 U	1.25 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
		FD					-	2.5 U	0.5 U	1.25 U	**0.216**	-	-	-	-	-	0.5 U	0.5 U	-
		N				1/23/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/26/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/22/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/16/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/20/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/30/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/16/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/21/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DEEP ZONE																			
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	**17**	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	**250**	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	**240**	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	**1420**	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
						6/23/2017	0.5 U	2.5 U	0.5 U	1.25 U	**474**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/1/2019	0.5 U	2.5 UJK	0.5 U	1.25 UJK	**372**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/16/2019	0.5 U	2.5 U	0.5 U	1.25 U	**272**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/21/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	**350**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
						11/12/2019	-	-	-	-	**340**	-	-	-	-	-	-	-	-
						1/14/2020	5 U	25 U	5 U	12.5 U	**385**	5 U	5 U	5 U	5 U	25 U	5 U	5 U	10 U
						2/18/2020	-	-	-	-	**310**	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	**290**	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	**190**	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	2.5 U	0.5 U	1.25 U	**157**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/19/2020	-	-	-	-	**120**	-	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	-	1 U	1 U	1 U	**410**	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/9/2020	-	0.2 U	0.2 U	2 U	**910**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/12/2020	-	0.2 U	0.2 U	2 U	**1.1**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	-	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	1 U
						3/13/2020	-	0.2 U	0.2 U	2 U	0.2 UJ	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	-	0.2 U	**0.42**	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	0.2 U	0.2 U	2 U	**5.1**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
		FD					-	0.2 U	0.2 U	2 U	**4.1**	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	0.2 U	**0.34**	2 U	0.2 U	-	-	0.2 U	-	-	-	0.2 U	0.2 U
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	-	0.2 U	0.2 U	2 U	**200**	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	-	0.2 U	0.2 U	2 U	0.2 U	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
			100	-54.41		8/10/2012	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
						9/5/2012	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/29/2013	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						4/21/2015	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	2.5 U	0.5 U	1.25 UJ	**1.67**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
						1/23/2019	0.5 U	2.5 U	0.5 U	1.25 U	**1.51**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/23/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	**0.917**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/17/2019	0.5 U	2.5 U	0.5 U	1.25 U	**0.891**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/22/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	**0.945**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
						1/20/2020	0.5 U	2.5 U	0.5 U	1.25 U	**1.38**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/12/2020	0.5 U	2.5 U	0.5 U	1.25 U	**0.805**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
MW-106	52.9	N	35	17.9	G	8/14/2012	-	1 U	-	-	**1**	-	-	-	-	-	-	-	-
			50	2.9		8/14/2012	-	1 U	-	-	**210**	-	-	-	-	-	-	-	-
			90	-37.1		8/15/2012	-	1 U	-	-	**9.7**	-	-	-	-	-	-	-	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	-	1 U	-	-	1 U	-	-	-	-	-	-	-	-
						9/5/2012	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						12/17/2013	-	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						10/27/2015	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	1 U	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/19/2019	0.5 U	2.5 U	0.5 U	1.25 UJK	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						10/18/2019	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/14/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						5/6/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	2.5 U	0.5 U	0.754 J	0.477 J	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/12/2018	0.5 U	2.5 U	0.5 U	1.25 UJ	2.47 J	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	2.5 U	**0.87**	1.25 U	**0.612**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/22/2019	0.5 U	2.5 U	0.5 U	1.25 U	**1.41**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/24/2019	0.5 U	2.5 UJK	0.5 U	1.25 U	**1.07**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						7/22/2019	0.5 U	2.5 U	0.5 U	1.25 U	**0.384 J**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	**0.227 J**	1 U
						10/15/2019	0.5 U	2.5 U	0.5 U	1.25 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/21/2020	0.5 U	2.5 UJ	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						4/30/2020	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	2.5 U	0.5 U	1.25 U	**6.87**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U
						1/17/2020	0.5 U	2.5 UJ	0.5 U	1.25 U	**9.38**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ
						4/21/2020	0.5 U	2.5 U	0.5 U	1.25 U	**0.971**	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
SHALLOW ZONE																			
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	-	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	-	-	1 U	-	1 U	1 U	1 U	**2.06**	1 U	1 U	1 U	1 U	1 U
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	-	-	1 U	-	1 U	1 U	1 U	**5.23**	1 U	1 U	1 U	1 U	1 U
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	-	-	1 U	-	1 U	1 U	1 U	**1.01**	1 U	1 U	1 U	1 U	1 U
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/11/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	5 U	-	1 U	-	**0.4**	1 U	5 U	1 U	-	1 U	**0.2**	1 U	0.2 U
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	-	-	-	**0.94**	-	5 U	-	-	-	0.2 U	-	-
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	-	-	-	**27**	-	5 U	-	-	-	**14**	-	-
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	-	-	-	**2.6**	-	5 U	-	-	-	**1.2**	-	-
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	1 U
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	5 U	-	**6**	-	**21**	1 U	5 U	**6.9**	-	**6.9**	**19**	1 U	**0.3**
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/21/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/24/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/15/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/14/2019	5 U	10 UJ	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/21/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/30/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/21/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/16/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/20/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/5/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
INTERMEDIATE A ZONE																			
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	-	-	-

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							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						6/2/2011	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						9/5/2012	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						12/29/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	1 U	2.5 U	0.5 U	-	-	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						6/14/2017	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	**0.184 J**	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/11/2018	5 UJ	10 U	0.5 UJ	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/17/2019	5 U	10 UJK	0.5 U	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/20/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/12/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						6/2/2011	-	-	10 U	-	20 U	10 U	50 U	10 U	-	10 U	10 U	10 U	10 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/13/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						12/18/2013	-	-	50 U	-	100 U	50 U	250 U	50 U	-	50 U	50 U	50 U	50 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						12/18/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						12/18/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U

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							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						12/19/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	1 U	2.5 U	0.5 U	-	-	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						6/28/2017	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/5/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/21/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/29/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/19/2019	5 UJK	10 UJK	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U
						10/10/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				1/14/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
		PESE					5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
		N				2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		FC				4/27/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJ	0.5 U
		PESE					5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJ	0.5 U
		N				5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/24/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/19/2019	5 UJK	10 UJK	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U
						10/14/2019	5 U	10 UJ	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/24/2020	500 U	1000 U	50 U	-	-	50 U	250 U	250 U	50 U	50 U	-	50 U	50 U
						4/30/2020	500 U	500 U	50 U	-	-	50 U	250 U	250 U	50 U	50 U	-	50 U	50 U
						11/10/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/16/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/24/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJ	0.5 U
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/17/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/21/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
INTERMEDIATE B ZONE																			
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/10/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-

Public Review Draft

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/10/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
		FD					-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/18/2019	5 U	10 UJK	0.5 U	-	-	0.5 U	2.5 U	**5.94 J**	0.5 U	10 U	-	0.5 U	0.5 U
						10/14/2019	5 U	10 UJ	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/24/2020	125 U	250 U	12.5 U	-	-	12.5 U	62.5 U	62.5 U	12.5 U	12.5 U	-	12.5 U	12.5 U
						4/29/2020	125 U	125 UJ	12.5 U	-	-	12.5 U	62.5 UJ	62.5 U	12.5 U	12.5 U	-	12.5 U	12.5 U
						11/10/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
		FD					5 U	-	-	-	-	-	-	-	0.5 U	-	-	-	0.5 U
		N				1/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/26/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/16/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/20/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/30/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/16/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/21/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds												
							Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DEEP ZONE																			
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	5 U	125 U	2.5 U	-	-	2.5 U	12.5 U	**1.42 J**	2.5 U	2.5 U	-	2.5 U	2.5 U
						6/23/2017	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/1/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/16/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/21/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	50 U	100 U	5 U	-	-	5 U	25 U	25 UJ	5 U	5 U	-	5 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/9/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/12/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	-	-	1 U	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U
						3/13/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
		FD					-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	-	-	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	5 U	-	1 U	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U

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							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
			100	-54.41		8/10/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						9/5/2012	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						12/29/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	5 UJ	10 U	0.5 UJ	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/23/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/17/2019	5 U	10 UJK	0.5 U	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U
						10/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/20/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/12/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
MW-106	52.9	N	35	17.9	G	8/14/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
			50	2.9		8/14/2012	-	-	-	-	-	-	**76**	-	-	-	-	-	-
			90	-37.1		8/15/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	-	-	-	-	-	-	5 U	-	-	-	-	-	-
						9/5/2012	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						12/17/2013	-	-	1 U	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/19/2019	5 UJK	10 UJK	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U
						10/18/2019	5 U	10 UJ	0.5 UJ	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/14/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U
						5/6/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/12/2018	5 UJ	10 U	0.5 UJ	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.178 J	0.5 U
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/22/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/24/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						7/22/2019	5 U	10 U	**0.134 J**	-	-	0.5 U	2.5 U	2.5 U	**0.162 J**	0.5 U	-	0.5 U	0.5 U
						10/15/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/21/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/30/2020	5 U	5 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U

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							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						1/17/2020	**0.371 J**	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U
						4/21/2020	5 U	10 U	0.5 U	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U

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TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
SHALLOW ZONE																	
21417-MB4	57.24	N	15 to 25	42.24 to 32.24	G	5/12/2017	1 U	**2.99**	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	2 U
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	1 U	**1.85**	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
BB-10	57.4	N	29 to 39	28.40 to 18.40	MW	11/13/1997	0 U ND	1 U	0 U ND	-	-	0 U ND	-	-	-	0 U ND	1 U
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/11/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	**0.6**
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	**4.7**	0.2 U	0.2 U	1 U	-	**0.38**	0.2 U	-	-	**0.99**	0.4 U
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	0.2 U	**0.24**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**0.94**
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	0.2 U	**28**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**41**
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	0.2 U	**4.7**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**3.8**
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	**130**	**14**	0.2 U	-	-	**37**	0.2 UJ	-	-	**7.7**	0.4 U
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	**5.5**	**49**	0.2 U	-	-	**1.2**	0.2 UJ	-	-	**0.3**	0.4 U
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	**9.4**	0.2 U	0.2 U	-	-	**1.9**	0.2 UJ	-	-	0.2 U	0.4 U
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	**98**	0.2 U	**0.27**	-	-	**59**	0.2 UJ	-	-	**0.88**	0.4 U
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	**4.3**	0.2 U	0.2 UJ	1 U	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	0.2 U	**7.2**	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	**40**
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	**9.5**	1 U	1 U	1 U	-	**3.9**	1 U	-	-	0.2 U	1 U
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	**35**	1 U	1 U	1 U	-	**7.4**	1 U	-	-	0.2 U	1 U
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	**4.3**	1 U	1 U	1 U	-	**1.1**	1 U	-	-	0.2 U	1 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-12	54	N	17.5 to 27.5	36.50 to 26.50	G	3/19/2019	**5.1**	1 U	1 U	1 U	-	**1**	1 U	-	-	0.2 U	1 U
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	**35**	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	**2.9**	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MW-154	53.22	N	25 to 35	28.22 to 18.22	MW	4/30/2018	**4.46**	0.5 U	0.5 U	0.5 U	5 U	**0.23 J**	2.5 U	0.5 U	5 U	**7.48**	1.5 U
						1/21/2019	**1.7**	0.5 U	0.5 U	0.5 U	5 U	**0.33 J**	2.5 U	0.5 U	5 U	**3.52**	1.5 U
						4/24/2019	**1.02**	0.5 U	0.5 U	0.5 U	5 U	**0.214 J**	2.5 UJK	0.5 U	5 U	**0.797**	1.5 U
						7/15/2019	**69.5**	0.5 U	0.5 U	0.5 U	5 UJK	**5.75**	2.5 UJK	0.5 U	5 U	**0.211 J**	1.5 U
						10/14/2019	**4.99**	0.5 U	0.5 U	0.5 U	5 UJ	**0.445 J**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/21/2020	**11.6**	0.5 U	0.5 U	0.5 U	5 U	**0.999**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/30/2020	**12.1**	0.5 U	0.5 U	0.5 U	5 U	**1.06**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-155	44.47	N	20 to 30	24.47 to 14.47	MW	4/27/2018	**3.48**	0.5 U	0.5 U	0.5 U	5 U	**0.334 J**	2.5 U	-	5 U	**0.447 J**	1.5 U
						1/21/2019	**3.72**	0.5 U	0.5 U	0.5 U	5 U	**0.581**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/23/2019	**14.6**	0.5 U	0.5 U	0.5 U	5 U	**4.75**	2.5 UJK	0.5 U	5 U	**6.54 K**	1.5 U
						7/23/2019	**92.7**	0.5 U	0.5 U	0.5 U	5 U	**19.9**	2.5 UJK	0.5 U	5 U	**0.35 J**	1.5 U
						10/16/2019	**121**	0.5 U	0.5 U	0.5 U	5 UJ	**27.6**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/20/2020	**98.3**	0.5 U	0.5 U	0.5 U	5 U	**21.8**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/5/2020	**140**	0.5 U	**0.158 J**	0.5 U	5 UJ	**27.3**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
INTERMEDIATE A ZONE																	
BB-5	49.48	N	30 to 40	19.48 to 9.48	MW	11/17/1997	0 U ND	0 U ND	0 U ND	-	-	0 U ND	-	-	-	0 U ND	0 U ND

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
BB-8	43.72	N	30 to 40	13.72 to 3.72	MW	6/10/1997	**8400**	-	-	-	-	**1100**	-	-	-	**180**	-
						6/24/1997	**11000**	**1.3**	**14**	-	-	**1500**	-	-	-	**280**	1 U
						1/29/2009	**896 f**	0.5 U	**2.45**	-	-	**258**	-	-	-	**1.48**	1 U
						5/3/2010	**510**	-	1 U	-	-	**120**	-	-	-	**0.27**	-
						6/2/2011	**170**	1 U	1 U	1 U	-	**59**	1 U	-	-	0.2 U	2 U
						9/5/2012	**200**	1 U	1 U	1 U	-	**41**	1 U	-	-	0.2 U	2 U
						12/29/2013	**200**	1 U	1 U	1 U	-	**38**	1 U	-	-	0.2 U	2 U
						6/17/2015	**170**	-	10 U	-	-	**40**	-	-	-	**2**	-
						3/22/2017	**30.4**	1 U	0.5 U	0.5 U	5 U	**4.95**	0.5 U	0.5 U	2.5 U	0.5 U	1.5 U
						6/14/2017	**26**	0.5 U	**0.155 J**	0.5 U	5 U	**8.57**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/11/2018	**33.7 J**	0.5 U	0.5 U	0.5 U	5 U	**6.13 J**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/23/2019	**133**	0.5 U	**0.402 J**	0.5 U	5 U	**43.1**	2.5 U	0.5 U	5 U	**0.618**	1.5 U
						4/23/2019	**48.8**	0.5 U	0.5 U	0.5 U	5 U	**9.09**	2.5 UJK	0.5 U	5 U	0.5 UJK	1.5 U
						7/17/2019	**169**	0.5 U	**0.262 J**	0.5 U	5 UJK	**28.9**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						10/22/2019	**135 J**	0.5 U	**0.398 J**	0.5 U	5 UJ	**46.6**	2.5 U	0.5 U	5 UJ	**0.162 J**	1.5 U
						1/20/2020	**138**	0.5 U	**0.232 J**	0.5 U	5 U	**25.4**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/12/2020	**142**	**0.682**	**0.282 J**	0.5 U	5 U	**30.8**	2.5 U	0.5 U	5 U	0.5 U	**0.387 J**
BB-8A	43.36	N	40.3	3.06	MW	1/29/2009	**1290 f**	0.5 U	**2.96**	-	-	**285**	-	-	-	**3.86**	1 U
						5/3/2010	**810**	-	**1.6**	-	-	**180**	-	-	-	**0.78**	-
						6/2/2011	**710**	10 U	10 U	10 U	-	**170**	10 U	-	-	2 U	20 U
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/25/2019	**240**	1 U	1 U	1 U	-	**74**	1 U	-	-	**1.2**	1 U
						3/12/2020	**210**	0.2 U	**0.32**	-	-	**65**	0.2 UJ	-	-	**1.1**	0.4 U
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	**0.42**	0.2 U	0.2 U	-	-	**0.23**	0.2 UJ	-	-	**0.95**	0.4 U
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	**5.5**	0.2 U	**2.5**	1 U	-	**18**	0.2 U	-	-	**520**	0.4 U
MW-114	42.43	N	35 to 45	7.43 to -2.57	MW	12/21/2012	**1400**	-	1 U	-	-	**290**	-	-	-	**14**	-
						12/18/2013	**8400**	50 U	50 U	50 U	-	**1200**	50 U	-	-	**22**	100 U
MW-117	57.78	N	40 to 55	17.78 to 2.78	MW	2/8/2013	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/18/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
MW-118	54.5	N	40 to 50	14.50 to 4.50	MW	3/25/2013	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/18/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-119	37.66	N	35 to 45	2.66 to -7.34	MW	3/25/2013	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/19/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	**0.76**	2 U
						4/21/2015	**34**	-	1 U	-	-	**42**	-	-	-	**3.1**	-
						6/17/2015	**4.9**	-	1 U	-	-	**7.1**	-	-	-	**2.7**	-
						10/20/2015	**15**	-	1 U	-	-	**22**	-	-	-	**0.45**	-
						2/2/2016	**7.3**	-	1 U	-	-	**24**	-	-	-	**0.45**	-
						3/29/2017	**5.47**	1 U	**0.334 J**	0.5 U	5 U	**10.7**	0.5 U	0.5 U	2.5 U	**0.272 J**	1.5 U
						6/28/2017	**19**	**0.726**	**0.167 J**	0.5 U	5 U	**12.4**	0.5 U	0.5 U	2.5 U	0.5 U	**0.562 J**
						4/5/2018	**2.14**	0.5 U	**0.203 J**	0.5 U	5 U	**3.02**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/21/2019	**1.24**	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/29/2019	**0.224 J**	0.5 U	**0.161 J**	0.5 U	5 U	**1.12**	2.5 UJK	0.5 U	5 UJK	0.5 UJK	1.5 U
						7/19/2019	**0.303 J**	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 UJK	0.5 U	1.5 U
						10/10/2019	**0.876**	0.5 U	**0.159 J**	0.5 U	5 U	**7.54**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						11/11/2019	**3.7**	-	0.2 U	-	-	**9.5**	-	-	-	0.2 U	-
		FC				1/14/2020	**4.8**	0.5 U	0.2 U	0.5 U	5 U	**5.1**	2.5 U	0.5 U	5 U	0.2 U	1.5 U
		PESE					**5.9**	0.5 U	0.5 U	0.5 U	5 U	**5.81**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
		N				2/18/2020	**1.3**	-	0.2 U	-	-	**2.5**	-	-	-	0.2 U	-
						3/24/2020	**0.24**	-	0.2 U	-	-	**0.87**	-	-	-	0.2 U	-
		FC				4/27/2020	**0.32**	0.5 U	0.2 U	0.5 U	5 UJ	**1.3**	2.5 U	0.5 U	5 UJ	0.2 U	1.5 U
		PESE					**0.595**	0.5 U	0.5 U	0.5 U	5 UJ	**1.62**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
		N				5/19/2020	**0.91**	-	0.2 U	-	-	**2.8**	-	-	-	0.2 U	-
MW-146	52.86	N	39.8 to 49.8	13.06 to 3.06	MW	4/30/2018	**3.56**	0.5 U	**6.12**	0.5 U	5 U	**48.4**	2.5 U	0.5 U	5 U	**2100**	1.5 U
						1/22/2019	**2.29**	0.5 U	**7.25**	0.5 U	5 U	**21.6**	2.5 U	0.5 U	5 U	**1370**	1.5 U
						4/24/2019	**1.5**	0.5 U	**1.94**	0.5 U	5 U	**12.4**	2.5 UJK	0.5 U	5 U	**383**	1.5 U
						7/19/2019	**3.08**	0.5 U	**3.29**	0.5 U	5 UJK	**14.4**	2.5 U	0.5 U	5 UJK	**580**	1.5 U
						10/14/2019	**2.03**	0.5 U	**7.85**	0.5 U	5 UJ	**6.77**	2.5 U	0.5 U	5 UJ	**2830**	1.5 U
						1/24/2020	**21.1 J**	50 U	50 U	50 U	500 U	50 U	250 U	50 U	500 UJ	**3900**	150 U
						4/30/2020	50 U	50 U	50 U	50 U	500 U	50 U	250 U	50 U	500 U	**6040**	150 U
						11/10/2020	**0.21**	0.2 U	**13**	1 U	-	**2.8**	0.2 U	-	-	**5200**	0.4 U
MW-315	49.56	N	37.5 to 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
MW-325	41.42	N	34.5 to 44.5	6.92 or -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 UJ	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
INTERMEDIATE B ZONE																	
HMW-1IB	38.29	N	54.3 to 64.3	-16.01 to -26.01	MW	3/25/2019	**20**	1 U	1 U	1 U	-	**6.7**	1 U	-	-	0.2 U	1 U
						3/10/2020	**13**	0.2 U	0.2 U	-	-	**5.6**	0.2 UJ	-	-	0.2 U	0.4 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	**3.4**	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	**0.38**	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/25/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	**3.6**	1 U
						3/10/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.41**	0.4 U
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	0.2 U	**0.22**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	**660**	**0.23**	**8.3**	-	-	**420**	0.2 UJ	-	-	**1900**	0.4 U
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	**6.9**	0.2 U	0.2 U	-	-	**2.5**	0.2 UJ	-	-	0.2 U	0.4 U
		FD					**6.8**	0.2 U	0.2 U	-	-	**2.3**	0.2 UJ	-	-	0.2 U	0.4 U
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	**15**	0.4 U
MW-147	52.49	N	70 to 80	-17.51 to -27.51	MW	5/1/2018	**19.8**	0.5 U	**2.09**	0.5 U	5 U	**83.4**	2.5 U	0.5 U	5 U	**1150**	1.5 U
						1/22/2019	**98.2**	0.5 U	**2.88**	0.5 U	5 U	**179**	2.5 U	0.5 U	5 U	**738**	1.5 U
						4/23/2019	0.5 U	0.5 U	**1.47**	0.5 U	5 U	**5.13**	2.5 UJK	0.5 U	5 UJK	**499**	1.5 UJK
						7/18/2019	0.5 U	0.5 U	**2.49**	0.5 U	5 UJK	**4.79**	2.5 U	0.5 U	5 U	**446**	30 U
						10/14/2019	0.5 U	0.5 U	**2.91**	0.5 U	5 UJ	**3.38**	2.5 U	0.5 U	5 UJ	**1410**	1.5 U
						1/24/2020	12.5 U	12.5 U	12.5 U	12.5 U	125 U	**4.63 J**	62.5 U	12.5 U	125 UJ	**1340**	37.5 U
						4/29/2020	12.5 U	12.5 U	**3.9 J**	12.5 U	125 U	**5.1 J**	62.5 U	12.5 U	125 U	**3470**	37.5 U
						11/10/2020	0.2 U	**0.3**	**13**	1 U	-	**4.9**	0.2 U	-	-	**7400**	0.4 U
MW-148	44.29	N	70 to 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
		FD					0.5 U	0.5 U	0.5 U	-	-	0.5 U	-	-	-	0.5 U	1.5 U
		N				1/23/2019	**1.24**	0.5 U	0.5 U	0.5 U	5 U	**0.347 J**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	**0.277 J**	1.5 U
						7/22/2019	**0.415 J**	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**0.253 J**	1.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 U	**0.463 J**	1.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	**0.163 J**	2.5 U	0.5 U	5 U	**0.305 J**	1.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-316	49.71	N	59.8 to 69.8	-10.09 to -20.09	MW	10/2/2019	0.5 U	**0.57**	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DEEP ZONE																	
FMW-129	38.64	N	84.2 to 89.2	-45.56 to -50.56	MW	5/23/2014	**0.4**	-	0.2 U	-	-	**0.57**	-	-	-	**7.6**	-
						10/20/2015	**25**	-	1 U	-	-	**39**	-	-	-	0.2 U	-
						2/2/2016	**13**	-	1 U	-	-	**62**	-	-	-	**0.33**	-
						4/10/2017	**194**	5 U	**5.05**	2.5 U	25 U	**492**	2.5 U	2.5 U	12.5 U	**0.885 J**	7.5 U
						6/23/2017	**81.1**	0.5 U	**1.21**	1 U	5 U	**182**	2.5 U	0.5 U	5 U	**4.13**	1.5 U
						5/1/2019	**101**	0.5 U	**1.22**	0.5 U	5 U	**166**	2.5 UJK	0.5 U	5 UJK	2.5 U	1.5 U
						7/16/2019	**159**	0.5 U	**1.61**	0.5 U	5 UJK	**84.1**	2.5 UJK	0.5 U	5 U	**0.296 J**	1.5 U
						10/21/2019	**114**	0.5 U	**1.61**	0.5 U	5 UJ	**198**	2.5 U	0.5 U	5 UJ	**0.259 J**	1.5 U
						11/12/2019	**79**	-	2 U	-	-	**130**	-	-	-	2 U	-
						1/14/2020	**130**	5 U	**1.6 J**	5 U	50 U	**170**	25 U	5 U	50 U	2 U	15 U
						2/18/2020	**110**	-	2 U	-	-	**170**	-	-	-	2 U	-
						3/25/2020	**88**	-	2 U	-	-	**140**	-	-	-	**2.6**	-
						4/27/2020	**74**	-	1 U	-	-	**88**	-	-	-	1 U	-
						5/6/2020	**34.6**	0.5 U	**0.433 J**	0.5 U	5 U	**61.9**	2.5 U	0.5 U	5 U	**14.2**	1.5 U
						5/19/2020	**18**	-	1 U	-	-	**42**	-	-	-	**6.5**	-
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/25/2019	**3.4**	1 U	**1.2**	1 U	-	**27**	1 U	-	-	**4**	1 U
						3/9/2020	**19**	0.2 U	**1.2**	-	-	**100**	0.2 UJ	-	-	**1.7**	0.4 U
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/25/2019	1 U	**1.1**	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6D	58.58	N	79.9 to 89.7	-21.12 to -31.12	MW	3/16/2020	0.2 U	**0.64**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	**0.89**	**0.42**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.97**	0.4 U
		FD					**0.81**	**0.28**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.81**	0.4 U
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	0.2 U	**0.22**	1 U	-	0.2 U	0.2 U	-	-	**3.9**	0.4 U
HMW-13D	45.3	N	89.5 to 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-105	45.59	N	80	-34.41	G	8/9/2012	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
			100	-54.41		8/10/2012	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
			130 to 140	-84.41 to -94.41	MW	8/16/2012	1 U	-	1 U	-	-	1 U	-	-	-	**0.32**	-
						9/5/2012	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	**0.23**	2 U
						12/29/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						4/21/2015	**1.2**	-	1 U	-	-	**1.6**	-	-	-	0.2 U	-
						6/17/2015	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						10/27/2015	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						2/3/2016	1 U	-	1 U	-	-	1 U	-	-	-	**1.6**	-
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 UJ	**0.205 J**	1.5 U
						1/23/2019	**0.79**	0.5 U	0.5 U	0.5 U	5 U	**0.317 J**	2.5 U	0.5 U	5 U	**0.392 J**	1.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 UJK	**0.238 J**	1.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 U	**0.265 J**	1.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	**0.214 J**	1.5 U
						1/20/2020	**0.208 J**	0.5 U	0.5 U	0.5 U	5 U	**0.348 J**	2.5 U	0.5 U	5 U	**0.568**	1.5 U
						5/12/2020	0.5 U	**0.635**	0.5 U	0.5 U	5 U	**1.02**	2.5 U	0.5 U	5 U	0.5 U	**0.193 J**
MW-106	52.9	N	35	17.9	G	8/14/2012	**8.2**	-	1 U	-	-	1 U	-	-	-	**0.36**	-
			50	2.9		8/14/2012	**1100**	-	1 U	-	-	**120**	-	-	-	**20**	-
			90	-37.1		8/15/2012	**19**	-	1 U	-	-	**2.3**	-	-	-	**0.62**	-
			130 to 140	-77.10 to -87.10	MW	8/22/2012	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						9/5/2012	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						12/17/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						10/27/2015	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						2/2/2016	1 U	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	0.5 UJK	1.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 UJK	0.5 U	1.5 U
						10/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 UJ	2.5 U	0.5 UJ	5 U	0.5 U	1.5 U
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-140	50.32	N	129.5 to 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.45 J	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/12/2018	0.402 J	0.5 U	0.5 U	0.5 U	5 U	0.572 J	2.5 U	0.5 U	5 U	0.246 J	1.5 U
MW-153	54.84	N	120 to 130	-65.16 to -75.16	MW	5/1/2018	**0.756**	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**9.56**	1.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**15.9**	1.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	**2.69**	1.5 U
						7/22/2019	0.5 U	**0.716**	0.5 U	0.5 U	5 U	**0.19 J**	2.5 UJK	0.5 U	5 U	**0.235 J**	**0.819 J**
						10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro- 2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analytical Method							SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
MW-326	41.31	N	90 to 100	-48.69 to -58.69	MW	10/3/2019	**0.769**	**1.31**	0.5 U	0.5 U	5 U	**0.297 J**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/17/2020	**0.834**	0.5 U	0.5 U	0.5 U	5 U	**0.47 J**	2.5 U	0.5 U	5 U	0.5 UJ	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**0.515 J**	1.5 U

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or applicable.

E = Reported result is an estimate because concentration exceeds the calibration range of the instrument.

f = Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

FC = Farallon Consulting sample (not a duplicate).

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

K = Reported results with unknown bias.

MW = Monitoring well sample.

N = Primary environmental sample.

PESE = PES Environmental sample (not a duplicate).

T = Reported results below associated quantitation limit but above method detection limit (MDL).

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

UND = Not detected, detection limit not indicated.

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TABLE 5-13
GROUNDWATER RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Dissolved													
							Antimony, Dissolved	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Copper, Dissolved	Lead, Dissolved	Mercury, Dissolved	Nickel, Dissolved	Selenium, Dissolved	Silver, Dissolved	Thallium, Dissolved	Zinc, Dissolved
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	-	E200.8 SW6020	E200.8	-	E200.8 SW6020	E200.8 SW6020	-	E200.8 SW6020	SW6020 SW7470A	-	E200.8	E200.8	-	-
SHALLOW ZONE																				
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	**0.646**	1 U	-	0.2 U	0.2 U	0.5 U	**0.733**	0.5 U	0.1 U	**3.11**	1 U	0.2 U	0.2 U	**4.48**
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	**0.206**	**1.87**	-	0.2 U	0.2 U	0.5 U	**1.01**	0.5 U	0.1 U	**3.72**	1 U	0.2 U	0.2 U	**1.56**
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	**0.214**	1 U	-	0.2 U	0.2 U	**0.852**	0.5 U	0.5 U	0.1 U	**5.12**	1 U	0.2 U	0.2 U	**1.91**
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/11/2020	-	**12.3**	-	-	1 U	50 U	-	1 U	1 U	-	-	-	-	-
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	**2.57**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	-	**1.32**	-	-	1 U	**2.12**	-	1 U	1 U	-	-	-	-	-
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	-	**2.5**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	-	**1.97**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	-	**2.03**	-	-	1 U	**4.26**	-	1 U	1 U	-	-	-	-	-
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	**4.01**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	**2.37**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	**3.22**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-12	33.69	N	27 to 32	6.69 to 1.69	G	3/6/2020	-	**14.4**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-13	35.98	N	30 to 35	5.98 to 0.98	G	3/9/2020	-	**41.2**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	-	**2.6**	-	-	1 U	**1.21**	-	1 U	1 U	-	-	-	-	-
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	-	**7.49**	-	-	1 U	1 U	-	1 U	1 UJ	-	-	-	-	-
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	-	3 U	**44**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	-	3 U	**28**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	-	3 U	**45**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	-	3 U	**26**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	-	**6.9**	**32**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	-	**3.3**	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Dissolved													
							Antimony, Dissolved	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Copper, Dissolved	Lead, Dissolved	Mercury, Dissolved	Nickel, Dissolved	Selenium, Dissolved	Silver, Dissolved	Thallium, Dissolved	Zinc, Dissolved
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	-	E200.8 SW6020	E200.8	-	E200.8 SW6020	E200.8 SW6020	-	E200.8 SW6020	SW6020 SW7470A	-	E200.8	E200.8	-	-
MBGW-14	46.09	N	20 to 30	26.09 to 16.09	G	3/6/2019	-	3 U	**40**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	-	3 U	**95**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	-	3 U	**25**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	-	3 U	**26**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
INTERMEDIATE A ZONE																				
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	-	**4.39**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
INTERMEDIATE B ZONE																				
HMW-1IB	38.29	N	54 to 64.3	-15.71 to -26.01	MW	3/10/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/10/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	**9.67**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		FD					-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	-	**7.66**	-	-	1 U	**1.52**	-	1 U	1 U	-	-	-	-	-
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	-	**8.23**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DEEP ZONE																				
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/9/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6D	58.58	N	79.9 to 89.7	-21.32 to -21.12	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		FD					-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	-	**1.54**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-13D	45.3	N	89.5 to 99.5	-44.2 to -54.2	MW	9/10/2020	-	**5.25**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	-	**6.05**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-

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TABLE 5-13
GROUNDWATER RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total													
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	-	E200.8 SW6020	E200.8	-	E200.8 SW6020	E200.8 SW6020	-	E200.8 SW6020	SW6020 SW7470A	-	E200.8	E200.8	-	-
SHALLOW ZONE																				
21417-MB9	39.05	N	15 to 25	24.05 to 14.05	G	5/11/2017	**0.694**	**2.88**	-	0.2 U	0.2 U	**6.59**	**23.7**	**123**	0.1 U	**7.56**	**1.06**	0.2 U	1 U	**49.2**
21417-MB10	38.08	N	20 to 30	18.08 to 8.08	G	5/11/2017	0.2 U	**13.5**	-	**0.264**	0.2 U	**27.7**	**17.2**	**24.1**	0.1 U	**11.2**	**1.92**	0.2 U	1 U	**20.8**
21417-MB11	39.04	N	15 to 25	24.04 to 14.04	G	5/11/2017	0.2 U	**6.34**	-	**0.248**	**0.353**	**9.77**	**13.2**	**19**	0.1 U	**14.3**	**1.02**	0.2 U	0.2 U	**44.2**
HMW-1S	36.01	N	20 to 30	16.01 to 6.01	MW	3/25/2019	-	**14**	**83**	-	4.4 U	11 U	-	**2.7**	0.5 U	-	5.6 U	11 U	-	-
						3/11/2020	-	**13.5**	-	-	1 U	50 U	-	1 U	1 U	-	-	-	-	-
HMW-2S	47.39	N	19.8 to 29.8	27.59 to 17.59	MW	3/12/2020	-	5 U	-	-	1 U	**7.48**	-	1 U	1 U	-	-	-	-	-
HMW-9S	55.39	N	25 to 35	30.39 to 20.39	MW	3/17/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-10S	48.21	N	24.7 to 34.7	23.51 to 13.51	MW	3/16/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-11S	41.47	N	25 to 35	16.47 to 6.47	MW	3/11/2020	-	**4.14**	-	-	1 U	**5.81**	-	**1.65**	1 U	-	-	-	-	-
HMW-17S	57.21	N	35 to 45	22.21 to 12.21	MW	9/17/2020	-	**1.57**	-	-	1 U	**5.45**	-	1 U	1 U	-	-	-	-	-
HMW-18S	57.61	N	35 to 45	22.61 to 12.61	MW	9/17/2020	-	**2.58**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-19S	58.2	N	35 to 45	23.20 to 13.20	MW	9/17/2020	-	**1.87**	-	-	1 U	**1.73**	-	1 U	1 U	-	-	-	-	-
HMW-20S	53.81	N	25 to 35	28.81 to 18.81	MW	9/18/2020	-	**2.04**	-	-	1 U	**4.99**	-	1 U	1 U	-	-	-	-	-
MBB-1	55.02	N	32 to 37	23.02 to 18.02	G	3/3/2020	-	**1.02**	-	-	1 U	**4.06**	-	1 U	1 U	-	-	-	-	-
MBB-2	55.45	N	32 to 37	23.45 to 18.45	G	3/3/2020	-	1 U	-	-	1 U	**1.65**	-	1 U	1 U	-	-	-	-	-
MBB-3	54.84	N	32 to 37	22.84 to 17.84	G	3/4/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-4	54.61	N	32 to 37	22.61 to 17.61	G	3/5/2020	-	**2.23**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-5	50.53	N	32 to 37	18.53 to 13.53	G	3/5/2020	-	**4.15**	-	-	1 U	**4.55**	-	1 U	1 U	-	-	-	-	-
MBB-6	50.33	N	25 to 30	25.33 to 20.33	G	3/5/2020	-	**3.11**	-	-	1 U	**3.35**	-	1 U	1 U	-	-	-	-	-
MBB-7	49.41	N	27 to 32	22.41 to 17.41	G	3/4/2020	-	**1.09**	-	-	1 U	**12.4**	-	1 U	1 U	-	-	-	-	-
MBB-8	49.66	N	27 to 32	22.66 to 17.66	G	2/27/2020	-	**10.5**	-	-	1 U	**192**	-	**7.82**	1 U	-	-	-	-	-
MBB-9	47.55	N	27 to 32	20.55 to 15.55	G	2/28/2020	-	**3.59**	-	-	1 U	**12**	-	**1.27**	1 U	-	-	-	-	-
MBB-10	49.66	N	35 to 40	14.66 to 9.66	G	2/27/2020	-	**3.32**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-12	33.69	N	27 to 32	6.69 to 1.69	G	3/6/2020	-	**15.8**	-	-	1 U	**2.14**	-	1 U	1 U	-	-	-	-	-
MBB-13	35.98	N	30 to 35	5.98 to 0.98	G	3/9/2020	-	**38.1**	-	-	1 U	**1.33**	-	1 U	1 U	-	-	-	-	-
MBB-16	53.7	N	30 to 40	23.70 to 13.70	G	9/3/2020	-	**2.61**	-	-	1 U	**1.58**	-	1 U	1 U	-	-	-	-	-
MBB-24	54.1	N	30 to 40	24.10 to 14.10	G	9/10/2020	-	**7.53**	-	-	1 U	**3.22**	-	1 U	1 U	-	-	-	-	-
MBGW-1	39.95	N	20 to 30	19.95 to 9.95	G	3/6/2019	-	3.3 U	**65**	-	4.4 U	**12**	-	**1.7**	0.5 U	-	5.6 U	11 U	-	-
MBGW-2	46.11	N	20 to 30	26.11 to 16.11	G	3/4/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBGW-3	47.77	N	16 to 26	31.77 to 21.77	G	3/7/2019	-	**5.9**	**140**	-	4.4 U	**61**	-	**5.1**	0.5 U	-	5.6 U	11 U	-	-
MBGW-5	49.87	N	20 to 30	29.87 to 19.87	G	3/15/2019	-	**130**	**3200**	-	**5.8**	**1500**	-	**140**	**2.2**	-	**25**	11 U	-	-
MBGW-6	52.5	N	20 to 30	32.50 to 22.50	G	3/15/2019	-	**15**	**200**	-	4.4 U	**74**	-	**10**	0.5 U	-	5.6 U	11 U	-	-
MBGW-7	53.76	N	30 to 40	23.76 to 13.76	G	3/6/2019	-	**130**	**3500**	-	**7.5**	**1700**	-	**190**	**2.2**	-	**18**	11 U	-	-
MBGW-8	47.08	N	15 to 25	32.08 to 22.08	G	3/19/2019	-	**37**	**800**	-	4.4 U	**360**	-	**30**	0.5 U	-	5.6 U	11 U	-	-
MBGW-9	56.84	N	20 to 30	36.84 to 26.84	G	3/15/2019	-	**71**	**1900**	-	4.4 U	**930**	-	**89**	**0.88**	-	**7.9**	11 U	-	-
MBGW-10	55.25	N	20 to 30	35.25 to 25.25	G	3/15/2019	-	**180**	**4200**	-	**6.1**	**2300**	-	**200**	**2.3**	-	**20**	22 U	-	-
MBGW-11	57.55	N	35 to 45	22.55 to 12.55	G	3/15/2019	-	**14**	**240**	-	4.4 U	**86**	-	**8.9**	0.5 U	-	5.6 U	11 U	-	-
MBGW-13	54.72	N	20 to 30	34.72 to 24.72	G	3/15/2019	-	**110**	**1600**	-	4.4 U	**910**	-	**110**	**1.8**	-	**9.5**	11 U	-	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total												
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	-	E200.8 SW6020	E200.8	-	E200.8 SW6020	E200.8 SW6020	-	E200.8 SW6020	SW6020 SW7470A	-	E200.8	E200.8	-	-
MBGW-14	46.09	N	20 to 30	26.09 to 16.09	G	3/6/2019	-	**6.1**	**130**	-	4.4 U	**38**	-	**16**	0.5 U	-	5.6 U	11 U	-	-
MBGW-15	40.87	N	20 to 30	20.87 to 10.87	G	3/15/2019	-	**35**	**390**	-	4.4 U	**170**	-	**20**	0.5 U	-	5.6 U	11 U	-	-
MBGW-16	52.14	N	20 to 30	32.14 to 22.14	G	3/8/2019	-	**210**	**4600**	-	**5.3**	**2400**	-	**190**	**1.8**	-	**31**	11 U	-	-
MBPP-5	45.92	N	18 to 28	27.92 to 17.92	G	3/7/2019	-	**15**	**230**	-	4.4 U	**93**	-	**9.3**	0.5 U	-	5.6 U	11 U	-	-
INTERMEDIATE A ZONE																				
HMW-2IA	45.55	N	34.8 to 44.8	10.75 to 0.75	MW	3/12/2020	-	**5.1**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-3IA	55.02	N	34.8 to 44.8	20.22 to 10.22	MW	3/13/2020	-	**4.57**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-6IA	58.65	N	37.5 to 47.5	21.15 to 11.15	MW	3/13/2020	-	**7.84**	-	-	1 U	**9.31**	-	1 U	1 U	-	-	-	-	-
HMW-9IA	55.26	N	36.7 to 46.7	18.56 to 8.56	MW	3/19/2020	-	**3**	-	-	1 U	**3.63**	-	1 U	1 U	-	-	-	-	-
HMW-20IA	53.83	N	41 to 51	12.83 to 2.83	MW	9/18/2020	-	**4.4**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
INTERMEDIATE B ZONE																				
HMW-1IB	38.29	N	54 to 64.3	-15.71 to -26.01	MW	3/10/2020	-	1 U	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-2IB	47.41	N	52.8 to 62.8	-5.39 to -15.39	MW	3/12/2020	-	**7.49**	-	-	1 U	**1.09**	-	1 U	1 U	-	-	-	-	-
HMW-4IA	58.7	N	50 to 60	8.70 to -1.30	MW	3/10/2020	-	**6.03**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-5IB	58.44	N	49.7 to 59.7	8.74 to -1.26	MW	3/17/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-6IB	58.67	N	50 to 60	8.67 to -1.33	MW	3/13/2020	-	**8.55**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-7IB	58.69	N	49.7 to 59.7	8.99 to -1.01	MW	3/12/2020	-	**6.36**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-8IB	57.97	N	50.5 to 60.5	7.47 to -2.53	MW	3/11/2020	-	**10.7**	-	-	1 U	**25.3**	-	1 U	1 U	-	-	-	-	-
HMW-9IB	55.36	N	57 to 67	-1.64 to -11.64	MW	3/19/2020	-	**2.07**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-11IB	39.7	N	44.87 to 54.87	-5.17 to -15.17	MW	3/16/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
		FD					-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-15IB	58.86	N	64 to 73	-5.14 to -14.14	MW	9/16/2020	-	**7.78**	-	-	1 U	**40.9**	-	1 U	1 U	-	-	-	-	-
HMW-16IB	57.02	N	55 to 65	2.02 to -7.98	MW	9/18/2020	-	**8.21**	-	-	1 U	**8.12**	-	1 U	1 U	-	-	-	-	-
DEEP ZONE																				
HMW-1D	38.07	N	80 to 90	-41.93 to -51.93	MW	3/9/2020	-	**2.59**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-2D	47.34	N	80 to 90	-32.66 to -42.66	MW	3/12/2020	-	**6.36**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-3D	56.56	N	80 to 90	-23.44 to -33.44	MW	3/13/2020	-	**4.69**	-	-	1 U	**2.29**	-	1 U	1 U	-	-	-	-	-
HMW-6D	58.58	N	79.9 to 89.7	-21.32 to -21.12	MW	3/16/2020	-	**5.53**	-	-	1 U	**1.4**	-	1 U	1 U	-	-	-	-	-
HMW-9D	55.32	N	79.7 to 89.7	-24.38 to -34.38	MW	3/17/2020	-	**7.95**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
		FD					-	**7.82**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-10D	48.16	N	79 to 89	-30.84 to -40.84	MW	3/16/2020	-	**5.22**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-12D	33.52	N	82 to 92	-48.48 to -58.48	MW	9/10/2020	-	**1.75**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-13D	45.3	N	89.5 to 99.5	-44.2 to -54.2	MW	9/10/2020	-	**5.47**	-	-	1 U	**9.39**	-	1 U	1 U	-	-	-	-	-
HMW-14D	46.35	N	70 to 80	-23.65 to -33.65	MW	9/16/2020	-	**5.91**	-	-	1 U	**1.34**	-	1 U	1 U	-	-	-	-	-

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Boring/Well ID	Surface Elevation (ft)	Sample Type	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total												
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	-	E200.8 SW6020	E200.8	-	E200.8 SW6020	E200.8 SW6020	-	E200.8 SW6020	SW6020 SW7470A	-	E200.8	E200.8	-	-

Notes:

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or applicable.

B = Compound was detected in the sample and the associated blank.

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

MW = Monitoring well sample.

N = Primary environmental sample.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

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TABLE 7-1
BASIS OF SELECTED SCREENING LEVELS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Exposure Pathway & Receptor from Conceptual Site Model	Screening Level Basis	Notes
Soil		
Contact with impacted soil by site user or resident.	With the exceptions noted, the Direct Contact values represent the lower of the non-cancer or cancer levels calculated using MTCA Equations 740-1 and 740-2, respectively, using MTCA default assumptions for residential exposure.	For PCBs, Direct Contact value is based on the federal Toxic Substances Control Act (TSCA) cleanup action level for PCBs in soil.
		The Direct Contact value used for gasoline-range organics (GRO) (1,500 mg/kg) is based on Ecology's 2017 model remedy guidance for sites with petroleum contaminated soil.
		In cases where the natural background for soil is higher than the Direct Contact level, the background level is used as the screening level. For this site, this situation applies to arsenic where the background level of 7.3 mg/kg is used as the screening level for this pathway.
		For total chromium, the Direct Contact value is based on protection from trivalent chromium since there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium.
Leaching from vadose zone soil to underlying groundwater where the groundwater is assumed to be a potential domestic drinking water source.	With the exceptions noted, the Protect Drinking Water via Vadose Zone values are developed using the fixed parameter three-phase partitioning model in accordance with WAC 173-340-747(4). Groundwater screening levels used in the model for protection of drinking water were derived using the procedure described below for ingestion of groundwater.	In cases where the natural background for soil is higher than the Protect Drinking Water via Vadose Zone level, the background level is used as the screening level. For this site, this situation applies to arsenic and cadmium where the respective background levels of 7.3 and 0.77 mg/kg are used as the screening levels for this pathway.
		For total chromium, the Protect Drinking Water via Vadose Zone level is based on protection from trivalent chromium since there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium.
		In cases where the PQL is higher than the Protect Drinking Water via Vadose Zone level, the PQL is used as the screening level. For this site, this situation applies to 1,1,2,2-tetrachloroethane, 1,2-dibromoethane, and trans-1,3-dichloropropene where the PQLs are used as the screening levels for this pathway.
		For total petroleum hydrocarbons, the Protect Drinking Water via Vadose Zone values are based on the MTCA Method A listed values.
Leaching from saturated zone soil to underlying groundwater where the groundwater is assumed to be a potential domestic drinking water source.	With the exceptions noted, the Protect Drinking Water via Saturated Zone values are developed using the fixed parameter three-phase partitioning model in accordance with WAC 173-340-747(4).	In cases where the natural background for soil is higher than the Protect Drinking Water via Saturated Zone level, the background level is used as the screening level. For this site, this situation applies to arsenic and cadmium where the respective background levels of 7.3 and 0.77 mg/kg are used as the screening levels for this pathway.
		For total chromium, the Protect Drinking Water via Saturated Zone level is based on protection from trivalent chromium since there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium.
		In cases where the PQL is higher than the Protect Drinking Water via Saturated Zone level, the PQL is used as the screening level. For this site, this situation applies to 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethene, 1,2-dibromoethane, cis-1,3-dichloropropene, methylene chloride, trans-1,3-dichloropropene, vinyl chloride, and selenium where the PQLs are used as the screening levels for this pathway.
		For total petroleum hydrocarbons, the Protect Drinking Water via Saturated Zone values are based on the MTCA Method A listed values.

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Exposure Pathway & Receptor from Conceptual Site Model	Screening Level Basis	Notes
Groundwater		
Ingestion of groundwater should site groundwater be developed as a future drinking water source.	With the exceptions noted, the derivation of the ground water screening levels for protection of potable water involved identifying MCLs and calculating levels per MTCA Equations 720-1 and 720-2 (WAC 173-340-720[4][b][iii][A] and -720[4][b][iii][B]) using the toxicity values in the CLARC database (Ecology 2019).	If the ratio of the minimum MCL to the Equation 720-1 value does not exceed 1, then the hazard quotient associated with the MCL does not exceed 1 and the MCL requires no adjustment. If the ratio exceeds 1, the MCL is adjusted to the Equation 720-1 value to achieve a hazard quotient of 1. If the ratio of the minimum MCL to the Equation 720-2 value does not exceed 10, then the cancer risk associated with the MCL does not exceed 1E-5 and the MCL requires no adjustment. If the ratio exceeds 10, the MCL is adjusted to 10 times the Equation 720-2 value to achieve a cancer risk of 1E-5. If an MCL is available but no oral toxicity values are available to evaluate it (e.g., lead), the MCL is used without adjustment. If no MCL is available but an oral toxicity value is available, the minimum of the values from Equations 720-1 and 720-2 is used. If a chemical has no toxicity values and no MCL, there is no screening level for potable water.
		In cases where the natural background for groundwater is higher than the Protect Drinking Water level, the background level is used as the screening level. For this Site, this situation applies to arsenic where the background level of 8 µg/L is used as the screening level for this pathway (see Appendix F for more information on how 8 µg/L was selected as the natural background level for arsenic).
		In cases where the PQL is higher than the Protect Drinking Water level, the PQL is used as the screening level. For this Site, this situation applies to cPAHs-TEQ, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, 1,2-dibromoethane, acrylonitrile, cis-1,3-dichloropropene, and trans-1,3-dichloropropene where the PQLs are used as the screening levels for this pathway.
		For total petroleum hydrocarbons, the Protect Drinking Water levels are based on the MTCA Method A listed values.
Volatilization of volatile constituents in groundwater to indoor air where they may be inhaled by building users or residents.	These screening levels are based on the groundwater values for protection of indoor air and were calculated per Ecology's (2018b and 2018c) guidance.	In cases where the natural background for groundwater is higher than the Protect Indoor Air level, the background level is used as the screening level.

Notes:

Screening levels provided by Ecology (November 17, 2020).

µg/L = micrograms per liter.

CLARC = Cleanup Levels and Risk Calculation.

GRO = Gasoline Range Organics.

MCL = Maximum Contaminant Level.

mg/kg = milligrams per kilogram.

MTCA = Model Toxics Control Act.

PCB = Polychlorinated Biphenyl.

PQL = Practical quantitation limit.

TSCA = Toxic Substances Control Act.

WAC = Washington Administrative Code.

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TABLE 7-2a
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN VADOSE ZONE SOIL
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Constituent[a]	Frequency of Detection	Percent Detected	Range of Detected Concentrations	Average of All Samples	Direct Contact[b]	Protective of GW Vadose Zone[b]	Natural Background[b]	Median PQL[b]	Retained as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Volatile Organic Compounds (mg/kg)												
1,1-Dichloroethane	1 / 307	0.3%	0.00317 - 0.00317	0.010	180	**0.041**	NA	0.001	no	0 / 307	0%	
1,1-Dichloroethene	1 / 307	0.3%	0.000568 - 0.000568	0.011	4000	**0.044**	NA	0.003	no	0 / 307	0%	
1,2,3-Trimethylbenzene	1 / 16	6%	0.00216 - 0.00216	0.0020	**800**	NA	NA	0.0015	no	0 / 16	0%	
1,2,4-Trimethylbenzene	18 / 301	6%	0.00325 - 15	0.11	**800**	NA	NA	0.001	no	0 / 301	0%	
1,3,5-Trimethylbenzene	8 / 176	5%	0.00151 - 5.7	0.060	**800**	NA	NA	0.001	no	0 / 176	0%	
2-Butanone (Methyl Ethyl Ketone)	3 / 73	4%	0.00585 - 0.0223	0.022	**48000**	NA	NA	0.005	no	0 / 73	0%	
2-Phenylbutane (sec-Butylbenzene)	2 / 176	1%	0.011 - 0.42	0.017	**8000**	NA	NA	0.001	no	0 / 176	0%	
Acetone	7 / 73	10%	0.0266 - 0.042	0.045	72000	**29**	NA	0.005	no	0 / 73	0%	
Benzene	5 / 301	2%	0.000566 - 0.011	0.0050	18	**0.027**	NA	0.0015	no	0 / 301	0%	
Carbon disulfide	4 / 16	25%	0.000247 - 0.0014	0.0048	8000	**5**	NA	0.001	no	0 / 16	0%	
cis-1,2-Dichloroethene	1 / 307	0.3%	0.00142 - 0.00142	0.010	160	**0.078**	NA	0.0015	no	0 / 307	0%	
Cymene (p-Isopropyltoluene)	4 / 83	5%	0.0059 - 0.59	0.012	NA	NA	NA	0.001	NSL	0 / 83	0%	
Dibromochloromethane	1 / 301	0.3%	0.0081 - 0.0081	0.0053418	12	**0.028**	NA	0.0015	no	0 / 301	0%	
Ethylbenzene	17 / 301	6%	0.00213 - 3.9	0.035	8000	**5.9**	NA	0.0015	no	0 / 301	0%	
Hexane	10 / 73	14%	0.00338 - 0.00978	0.014	4800	**69**	NA	NA	no	0 / 73	0%	
Isopropylbenzene (Cumene)	6 / 176	3%	0.0062 - 0.97	0.025	**8000**	NA	NA	0.001	no	0 / 176	0%	
Isopropyltoluene	2 / 93	2%	0.103 - 0.97	0.036	NA	NA	NA	NA	NSL	0 / 93	0%	
m,p-Xylenes	8 / 192	4%	0.011 - 2.5	0.024	NA	NA	NA	NA	NSL	0 / 192	0%	
Methylene chloride	4 / 307	1%	0.00875 - 0.0129	0.0179567	94	**0.021**	NA	0.0035	no	0 / 307	0%	
Naphthalene	7 / 176	4%	0.00452 - 1.9	0.028	1600	**4.5**	NA	0.005	no	0 / 176	0%	
n-Butylbenzene	3 / 119	3%	0.055 - 2.2	0.041	**4000**	NA	NA	0.001	no	0 / 119	0%	
n-Propylbenzene	7 / 176	4%	0.0077 - 3	0.041	**8000**	NA	NA	0.001	no	0 / 176	0%	
o-Xylene	7 / 192	4%	0.0072 - 0.5	0.0077872	NA	NA	NA	NA	NSL	0 / 192	0%	
tert-Butylbenzene	1 / 176	0.6%	0.018 - 0.018	0.015	**8000**	NA	NA	0.001	no	0 / 176	0%	
Tetrachloroethene	5 / 307	2%	0.000561 - 0.00305	0.016	480	**0.05**	NA	0.0015	no	0 / 307	0%	
Toluene	15 / 301	5%	0.00457 - 0.14	0.011	6400	**4.5**	NA	0.0015	no	0 / 301	0%	
Trichlorofluoromethane (CFC-11)	8 / 301	3%	0.00179 - 0.00358	0.026	**24000**	NA	NA	0.002	no	0 / 301	0%	
Xylene (total)	12 / 301	4%	0.00846 - 7	0.052	16000	**14**	NA	0.005	no	0 / 301	0%	
Semi-Volatile Organic Compounds (mg/kg)												
Acenaphthene	4 / 71	6%	0.05 - 1.06	0.030	4800	**99**	NA	0.005	no	0 / 71	0%	
Acenaphthylene	1 / 71	2%	0.37 - 0.37	0.019	NA	NA	NA	0.005	NSL	0 / 71	0%	
Anthracene	6 / 71	9%	0.05 - 0.13	0.019	24000	**2300**	NA	0.005	no	0 / 71	0%	
Benzo(a)anthracene	25 / 134	30%	0.011 - 1.5	0.047	NA	NA	NA	0.0034	NSL	0 / 134	0%	
Benzo(a)pyrene	18 / 134	20%	0.011 - 1.8	0.036	**0.19**	3.9	NA	0.005	YES	4 / 134	3%	9
Benzo(b)fluoranthene	27 / 134	32%	0.014 - 2.3	0.055	NA	NA	NA	0.0035	NSL	0 / 134	0%	
Benzo(k)fluoranthene	4 / 134	2%	0.12 - 0.77	0.021	NA	NA	NA	0.0035	NSL	0 / 134	0%	
Chrysene	29 / 134	35%	0.011 - 2.3	0.064	NA	NA	NA	0.005	NSL	0 / 134	0%	
Dibenz(a,h)anthracene	1 / 134	1%	0.22 - 0.22	0.014	NA	NA	NA	0.005	NSL	0 / 134	0%	
Fluoranthene	25 / 71	38%	0.016 - 4.68	0.15	3200	**630**	NA	0.005	no	0 / 71	0%	

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Constituent[a]	Frequency of Detection	Percent Detected	Range of Detected Concentrations	Average of All Samples	Direct Contact[b]	Protective of GW Vadose Zone[b]	Natural Background[b]	Median PQL[b]	Retained as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Indeno(1,2,3-cd)pyrene	4 / 134	2%	0.051 - 1.1	0.023	NA	NA	NA	0.0034	NSL	0 / 134	0%	
Naphthalene	5 / 71	8%	0.011 - 0.74	0.026	1600	**4.5**	NA	0.005	no	0 / 71	0%	
Phenanthrene	25 / 71	38%	0.015 - 1.97	0.093	NA	NA	NA	0.005	NSL	0 / 71	0%	
Pyrene	26 / 71	39%	0.01 - 4.41	0.16	2400	**650**	NA	0.005	no	0 / 71	0%	
cPAHs-TEQ	29 / 134	33%	0.0016 - 2.4	0.039	**0.19**	0.45	NA	0.0069	YES	5 / 134	4%	13
Total Petroleum Hydrocarbons (mg/kg)												
Diesel Range Organics	12 / 269	4%	29 - 350	24.4	NA	**2000**[d]	NA	15	no	0 / 269	0%	
Gasoline Range Organics	12 / 254	5%	7.3 - 1200	15.9	1500[c]	**30**[d]	NA	5	YES	8 / 254	3%	40
Total Petroleum Hydrocarbons - Heavy Oils	24 / 269	9%	74.3 - 1100	133	NA	**2000**[d]	NA	NA	no	0 / 269	0%	
Diesel Range + Oil Range Organics	28 / 269	10%	29 - 1100	136	NA	**2000**[d]	NA	NA	no	0 / 269	0%	
Inorganic Compounds (mg/kg)												
Arsenic	183 / 217	84%	1.03 - 25.6	4.84	0.67	0.34	**7.3**	0.1	YES	34 / 217	16%	4
Barium	34 / 34	100%	32 - 200	65.8	16000	**1600**	NA	0.1	no	0 / 34	0%	
Cadmium	2 / 217	1%	0.192 - 0.428	0.462	80	0.69	**0.77**	0.1	no	0 / 217	0%	
Chromium	217 / 217	100%	9.22 - 46	20.6	**120000**[e]	480000[e]	48	0.1	no	0 / 217	0%	
Copper	1 / 1	100%	26.3 - 26.3	26.3	3200	**280**	36	0.1	no	0 / 1	0%	
Lead	208 / 227	92%	1.02 - 591	10.6	**250**	3000	17	0.1	YES	2 / 227	0.90%	2
Mercury	1 / 217	0%	0.453 - 0.453	0.444	24	**2.1**	0.07	0.02	no	0 / 217	0%	
Nickel	1 / 1	100%	37.3 - 37.3	37.3	1600	**130**	38	0.1	no	0 / 1	0%	
Selenium	5 / 34	15%	1.26 - 1.76	5.07	400	**5.2**	NA	0.5	no	0 / 34	0%	
Zinc	1 / 1	100%	62.2 - 62.2	62.2	24000	**6000**	85	5	no	0 / 1	0%	
Polychlorinated Biphenyls (mg/kg)												
Aroclor-1242	1 / 57	2%	0.022 - 0.022	0.010	NA	NA	NA	NA	NSL	0 / 57	0%	
Aroclor-1254	2 / 57	4%	0.022 - 0.026	0.010	NA	NA	NA	NA	NSL	0 / 57	0%	
Total PCB Aroclors	3 / 57	5%	0.022 - 0.026	0.011	**1**	2.7	NA	NA	no	0 / 57	0%	

Notes:

a. Only constituents detected at or above the laboratory reporting limit are provided herein.

b. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

c. The Direct Contact value for gasoline range organics is based on Ecology's 2017 model remedy guidance for sites with petroleum contaminated soil.

d. The Method A values for total petroleum hydrocarbons were used for for the soil-leaching-to-groundwater pathway as extractable petroleum hydrocarbon (EPH) and volatile petroleum hydrocarbon (VPH) data are unavailable.

e. Trivalent chromium values for direct contact and leaching are used to represent total chromium as there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium.

COPC = Constituent of Potential Concern.

cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.

GW = Groundwater.

mg/kg = milligram per kilogram.

NA = Not applicable.

NSL = No screening level.

PCB = Polychlorinated biphenyl.

PQL = Practical Quantitation Limit.

TABLE 7-2b
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN SATURATED ZONE SOIL
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Constituent[a]	Frequency of Detection	Percent Detected	Range of Detected Concentrations	Average of All Samples	Direct Contact[b]	Protective of GW Saturated Zone[b]	Natural Background[b]	Median PQL[b]	Retained as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Volatile Organic Compounds (mg/kg)												
1,2,4-Trimethylbenzene	1 / 80	1%	0.11 - 0.11	0.00989	**800**	NA	NA	0.001	no	0 / 80	0%	
1,3,5-Trimethylbenzene	1 / 76	1%	0.03 - 0.03	0.00922	**800**	NA	NA	0.001	no	0 / 76	0%	
2-Butanone (Methyl Ethyl Ketone)	4 / 52	8%	0.00707 - 0.0237	0.0134	**48000**	NA	NA	0.005	no	0 / 52	0%	
Acetone	13 / 52	25%	0.0118 - 0.105	0.0299	72000	**2.1**	NA	0.005	no	0 / 52	0%	
Benzene	1 / 80	1%	0.000517 - 0.000517	0.00350	18	**0.0017**	NA	0.0015	no	0 / 80	0%	
Carbon disulfide	8 / 45	18%	0.000256 - 0.000436	0.00455	8000	**0.27**	NA	0.001	no	0 / 45	0%	
Chloroform (Trichloromethane)	1 / 80	1%	0.000914 - 0.000914	0.00865	32	**0.0048**	NA	0.0015	no	0 / 80	0%	
cis-1,2-Dichloroethene	22 / 97	23%	0.000314 - 0.26	0.0164	160	**0.0052**	NA	0.0015	YES	4 / 97	4%	50
Cymene (p-Isopropyltoluene)	1 / 54	2%	0.006 - 0.006	0.00235	NA	NA	NA	0.001	NSL	0 / 54	0%	
Ethylbenzene	1 / 80	1%	0.013 - 0.013	0.00829	8000	**0.34**	NA	0.0015	no	0 / 80	0%	
Hexane	21 / 52	40%	0.000376 - 0.00718	0.00570	4800	**1.8**	NA	NA	no	0 / 52	0%	
m,p-Xylenes	1 / 13	8%	0.027 - 0.027	0.00717	NA	NA	NA	NA	NSL	0 / 13	0%	
Methylene chloride	7 / 97	7%	0.00885 - 0.035	0.0516	94	0.0015	NA	**0.0035**	YES	7 / 97	7%	10
Naphthalene	1 / 76	1%	0.036 - 0.036	0.0116	1600	**0.24**	NA	0.005	no	0 / 76	0%	
n-Propylbenzene	1 / 76	1%	0.0099 - 0.0099	0.00896	**8000**	NA	NA	0.001	no	0 / 76	0%	
o-Xylene	1 / 13	8%	0.017 - 0.017	0.00448	NA	NA	NA	NA	NSL	0 / 13	0%	
Tetrachloroethene	22 / 97	23%	0.000585 - 8.8	0.187	480	**0.0028**	NA	0.0015	YES	13 / 97	13%	3143
Toluene	24 / 80	30%	0.00342 - 0.0174	0.0105	6400	**0.27**	NA	0.0015	no	0 / 80	0%	
Trichloroethene	14 / 97	14%	0.000486 - 0.47	0.0202	12	**0.0015**	NA	0.0015	YES	7 / 97	7%	313
Trichlorofluoromethane (CFC-11)	12 / 80	15%	0.00156 - 0.00346	0.0122	**24000**	NA	NA	0.002	no	0 / 80	0%	
Vinyl chloride	10 / 97	10%	0.000344 - 0.0615	0.0119	0.67	0.000089	NA	**0.0015**	YES	6 / 97	6%	41
Xylene (total)	1 / 80	1%	0.044 - 0.044	0.0100	16000	**0.83**	NA	0.005	no	0 / 80	0%	
Total Petroleum Hydrocarbons (mg/kg)												
Gasoline Range Organics	1 / 26	4%	26 - 26	3.4	1500[c]	**30**[d]	NA	5	no	0 / 26	0%	
Inorganic Compounds (mg/kg)												
Arsenic	11 / 16	69%	1.03 - 7.75	2.71	0.67	0.017	**7.3**	0.1	YES	1 / 16	6%	1
Barium	5 / 5	100%	31.8 - 46	40.2	16000	**83**	NA	0.1	no	0 / 5	0%	
Chromium	16 / 16	100%	10.8 - 43.2	25.7	120000[e]	**24000**[e]	48	0.1	no	0 / 16	0%	
Lead	13 / 16	81%	1.31 - 6.75	2.37	250	**150**	17	0.1	no	0 / 16	0%	
Selenium	2 / 5	40%	0.988 - 0.99	3.80	400	0.26	NA	**0.5**	YES	2 / 5	40%	2

Notes:

a. Only constituents detected at or above the laboratory reporting limit are provided herein.

b. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

c. The Direct Contact value for gasoline range organics is based on Ecology's 2017 model remedy guidance for sites with petroleum contaminated soil.

d. The Method A values for total petroleum hydrocarbons were used for the soil-leaching-to-groundwater pathway as extractable petroleum hydrocarbon (EPH) and volatile petroleum hydrocarbon (VPH) data are unavailable.

e. Trivalent chromium values for direct contact and leaching are used to represent total chromium as there are no historical operations on the Property that would suggest the previous use or release of hexavalent chromium.

COPC = Constituent of Potential Concern.

GW = Groundwater.

mg/kg = milligram per kilogram.

NA = Not applicable.

NSL = No screening level.

PQL = Practical Quantitation Limit.

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TABLE 7-2c
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN GROUNDWATER
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Constituent[a]	Frequency of Detection	Percent Detected	Range of Detected Concentrations	Average of All Samples	Protective of Drinking Water[b]	Protective of Indoor Air[b]	Natural Background[b]	Median PQL[b]	Retained as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Volatile Organic Compounds (ug/L)												
1,1,1-Trichloroethane	1 / 164	1%	0.2 - 0.2	0.809	**200**	5500	NA	0.5	no	0 / 164	0%	
1,1-Dichloroethene	28 / 165	17%	0.249 - 13	1.23	**7**	130	NA	0.5	YES	1 / 165	1%	1.9
1,2,3-Trichlorobenzene	1 / 158	1%	0.165 - 0.165	0.857	NA	NA	NA	1.5	NSL	0 / 158	0%	
1,2,3-Trimethylbenzene	1 / 75	1%	0.139 - 0.139	1.18	**80**	NA	NA	1	no	0 / 75	0%	
1,2,4-Trimethylbenzene	9 / 158	6%	0.225 - 37	1.23	**80**	240	NA	1	no	0 / 158	0%	
1,2-Dichloroethane	1 / 129	1%	7.1 - 7.1	1.10	4.8	**4.2**	NA	0.5	YES	1 / 129	1%	1.7
1,3,5-Trimethylbenzene	2 / 122	2%	0.141 - 14	1.19	**80**	NA	NA	1	no	0 / 122	0%	
2,2-Dichloropropane	3 / 158	2%	0.161 - 0.161	0.831	NA	NA	NA	0.5	NSL	0 / 158	0%	
2-Butanone (Methyl Ethyl Ketone)	1 / 93	1%	25 - 25	13.4	**4800**	1700000	NA	5	no	0 / 93	0%	
2-Phenylbutane (sec-Butylbenzene)	2 / 123	2%	0.159 - 2	1.08	**800**	NA	NA	1	no	0 / 123	0%	
Acetone	37 / 94	39%	1.06 - 1130	46.5	**7200**	NA	NA	5	no	0 / 94	0%	
Benzene	13 / 160	8%	0.108 - 34	1.11	5	**2.4**	NA	0.5	YES	3 / 160	2%	14.2
Carbon disulfide	14 / 76	18%	0.142 - 6.02	1.33	800	**400**	NA	0.5	no	0 / 76	0%	
Chloroethane	5 / 165	3%	0.369 - 2.01	2.80	NA	**19000**	NA	0.5	no	0 / 165	0%	
Chloroform (Trichloromethane)	9 / 159	6%	0.23 - 0.87	0.829	14	**1.2**	NA	0.5	no	0 / 159	0%	
Chloromethane (Methyl Chloride)	1 / 159	1%	0.161 - 0.161	3.37	NA	**150**	NA	0.5	no	0 / 159	0%	
cis-1,2-Dichloroethene	109 / 186	59%	0.2 - 9100	215	**16**	NA	NA	0.5	YES	54 / 186	29%	569
Cymene (p-Isopropyltoluene)	2 / 96	2%	1.46 - 3.8	1.28	NA	NA	NA	1	NSL	0 / 96	0%	
Diisopropyl ether (DIPE)	3 / 76	4%	0.105 - 0.105	1.10	NA	NA	NA	NA	NSL	0 / 76	0%	
Ethylbenzene	7 / 160	4%	0.2 - 24	1.14	**700**	2800	NA	0.5	no	0 / 160	0%	
Hexane	1 / 90	1%	0.371 - 0.371	9.54	480	**4.4**	NA	NA	no	0 / 90	0%	
Isopropylbenzene (Cumene)	2 / 122	2%	0.134 - 6	1.12	800	**720**	NA	1	no	0 / 122	0%	
m,p-Xylenes	5 / 58	9%	0.4 - 27	2.00	NA	NA	NA	NA	NSL	0 / 58	0%	
Methylene chloride	1 / 164	1%	76 - 76	4.74	**5**	1200	NA	1	YES	1 / 164	1%	15.2
Naphthalene	6 / 122	5%	1.01 - 6.9	3.91	160	**8.9**	NA	0.05	no	0 / 122	0%	
n-Butylbenzene	1 / 105	1%	0.162 - 0.162	0.935	**400**	NA	NA	1	no	0 / 105	0%	
n-Propylbenzene	1 / 122	1%	6.9 - 6.9	1.17	**800**	NA	NA	1	no	0 / 122	0%	
o-Xylene	4 / 58	7%	0.2 - 19	1.17	NA	NA	NA	NA	NSL	0 / 58	0%	
tert-Butylbenzene	1 / 123	1%	0.3 - 0.3	1.03	**800**	NA	NA	1	no	0 / 123	0%	
Tetrachloroethene	93 / 186	50%	0.21 - 8400	78.4	**5**	24	NA	0.5	YES	53 / 186	28%	1680
Toluene	20 / 160	13%	0.22 - 49	1.53	**640**	15000	NA	0.5	no	0 / 160	0%	
trans-1,2-Dichloroethene	33 / 186	18%	0.158 - 13	1.19	**100**	NA	NA	0.5	no	0 / 186	0%	
Trichloroethene	89 / 186	48%	0.163 - 1200	28.0	4	**1.4**	NA	0.5	YES	67 / 186	36%	857
Vinyl chloride	69 / 186	37%	0.211 - 7400	223	**0.29**	0.35	NA	0.2	YES	63 / 186	34%	25517
Xylene (total)	7 / 160	4%	0.562 - 41	2.68	1600	**330**	NA	0.5	no	0 / 160	0%	

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Constituent[a]	Frequency of Detection	Percent Detected	Range of Detected Concentrations	Average of All Samples	Protective of Drinking Water[b]	Protective of Indoor Air[b]	Natural Background[b]	Median PQL[b]	Retained as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Semi-Volatile Organic Compounds (ug/L)												
1-Methylnaphthalene	1 / 13	8%	1.6 - 1.6	0.31	**1.5**	NA	NA	0.05	YES	1 / 13	8%	1.1
2-Methylnaphthalene	1 / 13	8%	1.6 - 1.6	0.31	**32**	NA	NA	0.05	no	0 / 13	0%	
Acenaphthene	1 / 25	4%	0.25 - 0.25	0.029	**960**	NA	NA	0.05	no	0 / 25	0%	
Fluorene	1 / 25	4%	0.098 - 0.098	0.023	**640**	NA	NA	0.05	no	0 / 25	0%	
Naphthalene	2 / 25	8%	2.2 - 6	0.51	160	**8.9**	NA	0.05	no	0 / 25	0%	
Phenanthrene	1 / 25	4%	0.18 - 0.18	0.026	NA	NA	NA	0.05	NSL	0 / 25	0%	
Total Petroleum Hydrocarbons (ug/L)												
Diesel Range Organics	27 / 84	32%	56 - 650	102	**500**[c]	NA	NA	110	YES	2 / 84	2%	1.3
Gasoline Range Organics	20 / 115	17%	31.6 - 1600	82.6	**800**[c]	NA	NA	250	YES	1 / 115	1%	2
Total Petroleum Hydrocarbons - Heavy Oils	5 / 84	6%	146 - 970	182	**500**[c]	NA	NA	NA	YES	1 / 84	1%	1.9
Diesel Range + Oil Range Organics	30 / 84	36%	56 - 970	202	**500**[c]	NA	NA	NA	YES	5 / 84	6%	1.9
Inorganic Compounds (ug/L)												
Antimony, Total	1 / 3	33%	0.694 - 0.694	0.298	**6**	NA	NA	0.2	no	0 / 3	0%	
Arsenic, Total[d]	30 / 37	81%	1.57 - 14	5.2	0.58	NA	**8**	0.5	YES	5 / 37	14%	1.8
Barium, Total	15 / 15	100%	65 - 4600	1419	**2000**	NA	NA	0.05	YES	4 / 15	27%	2.3
Beryllium, Total	2 / 3	67%	0.248 - 0.264	0.204	**4**	NA	NA	0.06	no	0 / 3	0%	
Cadmium, Total	5 / 68	7%	0.353 - 7.5	1.09	**5**	NA	NA	0.06	YES	4 / 68	6%	1.5
Chromium, Total	43 / 68	63%	1.09 - 2400	163	**100**	NA	NA	0.2	YES	9 / 68	13%	24
Copper, Total	3 / 3	100%	13.2 - 23.7	18.0	**640**	NA	NA	0.1	no	0 / 3	0%	
Lead, Total	21 / 68	31%	1.27 - 200	18.0	**15**	NA	NA	0.06	YES	12 / 68	18%	13.3
Mercury, Total	6 / 68	9%	0.88 - 2.3	0.567	2	**0.83**	NA	0.15	YES	6 / 68	9%	2.8
Nickel, Total	3 / 3	100%	7.56 - 14.3	11.0	**100**	NA	NA	0.15	no	0 / 3	0%	
Selenium, Total	9 / 18	50%	1.02 - 31	7.81	**50**	NA	NA	1	no	0 / 18	0%	
Zinc, Total	3 / 3	100%	20.8 - 49.2	38.1	**4800**	NA	NA	5	no	0 / 3	0%	
Antimony, Dissolved	3 / 3	100%	0.206 - 0.646	0.355	**6**	NA	NA	0.2	no	0 / 3	0%	
Arsenic, Dissolved[e]	23 / 40	58%	1.32 - 41.2	4.36	0.58	NA	**8**	0.5	YES	5 / 40	13%	5.2
Barium, Dissolved	9 / 15	60%	25 - 95	29.1	**2000**	NA	NA	0.05	no	0 / 15	0%	
Chromium, Dissolved	5 / 40	13%	0.852 - 4.26	3.07	**100**	NA	NA	0.2	no	0 / 40	0%	
Copper, Dissolved	2 / 3	67%	0.733 - 1.01	0.664	**640**	NA	NA	0.1	no	0 / 3	0%	
Nickel, Dissolved	3 / 3	100%	3.11 - 5.12	3.98	**100**	NA	NA	0.15	no	0 / 3	0%	
Zinc, Dissolved	3 / 3	100%	1.56 - 4.48	2.65	**4800**	NA	NA	5	no	0 / 3	0%	

Notes:

a. Only constituents detected at or above the laboratory reporting limit are provided herein.

b. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

c. The Method A values for total petroleum hydrocarbons were used for the protect drinking water pathway as extractable petroleum hydrocarbon (EPH) and volatile petroleum hydrocarbon (VPH) data are unavailable.

d. Total Arsenic statistics are based on monitoring well results. Grab samples are omitted from the evaluation of Total Arsenic.

e. See Appendix F for further statistical evaluation.

COPC = Constituent of Potential Concern.

NA = Not applicable.

NSL = No screening level.

PQL = Practical Quantitation Limit.

ug/L = microgram per liter.

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TABLE 7-3a
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	NA	1500[b]	NA	NA	NA	NA
					Protective of Groundwater Vadose Zone[a,c]	**2000**	**30**	NA	**2000**	NA	**2000**
					Natural Background[a]	NA	NA	NA	NA	NA	NA
					Median PQL[a]	15	5	NA	NA	NA	NA
21417-MB1	5/12/2017	N	55.43	9	46.43	22.2 U	4.04 U	-	55.4 U	-	55.4 U
21417-MB2	5/12/2017	N	54.72	10	44.72	22.6 U	4.69 U	-	56.2 U	-	56.2 U
21417-MB3	5/12/2017	N	58.63	20	38.63	20.9 U	4.06 U	-	**120**	-	**120**
21417-MB4	5/12/2017	N	57.24	24	33.24	23.2 U	3.43 U	-	57.9 U	-	57.9 U
21417-MB5	5/12/2017	N	51.91	9	42.91	20.9 U	3.29 U	-	52.3 U	-	52.3 U
21417-MB6	5/11/2017	N	48.22	9	39.22	19.4 U	3.4 U	-	48.4 U	-	48.4 U
21417-MB7	5/11/2017	N	47.38	11	36.38	18.7 U	4.09 U	-	46.8 U	-	46.8 U
21417-MB9	5/11/2017	N	39.05	13	26.05	25.3 U	5.91 U	-	**206**	-	**206**
				22	17.05	21.3 U	4.64 U	-	**74.3**	-	**74.3**
21417-MB11	5/11/2017	N	39.04	23	16.04	25.7 U	6.43 U	-	64.3 U	-	64.3 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	54 U	22 U	-	108 U	-	108 U
				25 - 27	24.48 to 22.48	56 U	22 U	-	112 U	-	112 U
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	50 U	20 U	-	100 U	-	100 U
BB-10	8/29/1997	N	57.4	15 - 17	42.40 to 40.40	54 U	22 U	-	109 U	-	109 U
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	3.32 U	-	-	-	-
				7 - 11	51.53 to 47.53	-	4.28 U	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	3.96 U	-	-	-	-
				7 - 12	51.33 to 46.33	-	3.69 U	-	-	-	-
GP-9	5/14/2012	N	58	0 - 7	58.00 to 51.00	-	9.21 U	-	-	-	-
				7 - 14	51.00 to 44.00	-	4.2 U	-	-	-	-
				14 - 19	44.00 to 39.00	-	4.05 U	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	20 U	5 U	20 U	50 U	5 U	50 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	20 U	5 U	20 U	50 U	5 U	50 U
				22.5 - 23.5	24.91 to 23.91	20 U	5 U	20 U	50 U	5 U	50 U
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	20 U	-	20 U	50 U	-	50 U
				22.5 - 23.5	32.52 to 31.52	20 U	5 U	20 U	50 U	-	50 U
				25 - 26	30.02 to 29.02	20 U	-	20 U	50 U	-	50 U
HMW-4IA	3/7/2019	N	58.7	7.5 - 8.7	51.20 to 50.00	**160**	5 UJ	20 U	50 U	5 UJ	**160**
				25 - 26.8	33.70 to 31.90	20 U	-	20 U	50 U	-	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	48.44 to 46.94	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	43.44 to 41.94	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	38.44 to 36.94	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	33.44 to 31.94	50 U	5 U	-	250 U	-	250 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	50 U	5 U	-	**500**	-	**500**
				10 - 11.5	48.58 to 47.08	50 U	5 U	-	**440**	-	**440**
				15 - 16.5	43.58 to 42.08	50 U	5 U	-	**470**	-	**470**
				25 - 26.5	33.58 to 32.08	50 U	5 U	-	**490**	-	**490**
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	48.65 to 47.15	**67 J**	5 U	-	**670**	-	**737 J**
				15 - 16.5	43.65 to 42.15	**61 J**	5 U	-	**600**	-	**661 J**
				20 - 21.5	38.65 to 37.15	50 U	5 U	-	**450**	-	**450**
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	**64 J**	5 U	-	**740**	-	**804 J**
				10 - 11.5	48.67 to 47.17	50 U	5 U	-	**350**	-	**350**
		FD				50 U	5 U	-	**660**	-	**660**
		N		15 - 16.5	43.67 to 42.17	**59**	5 U	-	**720**	-	**779**
				20 - 21.5	38.67 to 37.17	50 U	5 U	-	**600**	-	**600**
				25 - 26.5	33.67 to 32.17	50 U	5 U	-	250 U	-	250 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	**69 J**	5 U	-	**760**	-	**829 J**
				10 - 11.5	48.69 to 47.19	**94 J**	5 U	-	**860**	-	**954 J**
				15 - 16.5	43.69 to 42.19	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	38.69 to 37.19	50 U	5 U	-	**440**	-	**440**
				25 - 26.5	33.69 to 32.19	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	**68 J**	5 U	-	**520**	-	**588 J**
				10 - 11.5	47.97 to 46.47	50 U	5 U	-	**480**	-	**480**
				15 - 16.5	42.97 to 41.47	**58 J**	5 U	-	**590**	-	**648 J**
				20 - 21.5	37.97 to 36.47	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	32.97 to 31.47	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	45.32 to 43.82	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	40.32 to 38.82	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	35.32 to 33.82	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	30.32 to 28.82	50 U	5 U	-	250 U	-	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	45.26 to 43.76	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	40.26 to 38.76	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	35.26 to 33.76	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	30.26 to 28.76	50 U	5 U	-	250 U	-	250 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	50 U	5 U	-	**1100**	-	**1100**
				13 - 14.5	42.36 to 40.86	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	40.36 to 38.86	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	35.36 to 33.86	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	30.36 to 28.86	50 U	5 U	-	250 U	-	250 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	50 U	5 U	-	250 U	-	250 U
				14 - 15.5	41.39 to 39.89	50 U	5 U	-	250 U	-	250 U
				17 - 18.5	38.39 to 36.89	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	35.39 to 33.89	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	30.39 to 28.89	50 U	5 U	-	250 U	-	250 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	38.16 to 36.66	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	33.16 to 31.66	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
		N		20 - 21.5	28.16 to 26.66	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	23.16 to 21.66	50 U	5 U	-	250 U	-	250 U
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	38.21 to 36.71	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
		N		15 - 16.5	33.21 to 31.71	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	28.21 to 26.71	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	23.21 to 21.71	50 U	5 U	-	250 U	-	250 U
HMW-11IB	2/24/2020	N	39.7	5 - 6.5	34.7 to 33.2	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	29.7 to 28.2	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	24.7 to 23.2	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	19.7 to 18.2	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	14.7 to 13.2	50 U	5 U	-	250 U	-	250 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	31.47 to 29.97	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	26.47 to 24.97	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	21.47 to 19.97	50 U	5 U	-	250 U	-	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	50 U	5 U	-	250 U	-	250 U
				10 - 11.25	47.21 to 45.96	50 U	5 U	-	250 U	-	250 U
				15 - 16.33	42.21 to 40.88	50 U	5 U	-	250 U	-	250 U
				20 - 20.75	37.21 to 36.46	50 U	5 U	-	250 U	-	250 U
				25 - 26	32.21 to 31.21	50 U	5 U	-	250 U	-	250 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	47.61 to 46.11	50 U	**45**	-	250 U	-	250 U
				15 - 16.5	42.61 to 41.11	50 U	5 U	-	250 U	-	250 U
				20 - 20.9	37.61 to 36.71	50 U	5 U	-	250 U	-	250 U
				25 - 25.8	32.61 to 31.81	50 U	5 U	-	250 U	-	250 U
HMW-19S	9/8/2020	N	58.2	5 - 5.5	53.20 to 52.70	50 U	5 U	-	250 U	-	250 U
				10 - 10.75	48.20 to 47.45	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	43.20 to 41.70	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	38.20 to 36.70	50 U	5 U	-	250 U	-	250 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	43.81 to 42.31	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	38.81 to 37.31	50 U	5 U	-	250 U	-	250 U
				20 - 21.25	33.81 to 32.56	50 U	5 U	-	250 U	-	250 U
				25 - 26.4	28.81 to 27.41	50 U	5 U	-	250 U	-	250 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	45.02 to 43.52	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	40.02 to 38.52	50 U	**7.7**	-	250 U	-	250 U
				20 - 21.5	35.02 to 33.52	50 U	**570**	-	250 U	-	250 U
				25 - 26.5	30.02 to 28.52	50 U	5 U	-	250 U	-	250 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	45.45 to 43.95	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	40.45 to 38.95	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	35.45 to 33.95	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
		N		25 - 26.5	30.45 to 28.95	50 U	5 U	-	250 U	-	250 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	44.84 to 43.34	50 U	**350**	-	250 U	-	250 U
				15 - 16.5	39.84 to 38.34	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	34.84 to 33.34	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	29.84 to 28.34	50 U	**52**	-	250 U	-	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	50 U	5 U	-	250 U	-	250 U
				10 - 12.5	44.61 to 42.11	50 U	5 U	-	250 U	-	250 U
		FD				50 U	**7.3**	-	250 U	-	250 U
		N		15 - 16.5	39.61 to 38.11	50 U	5 U	-	250 U	-	250 U
				20 - 23	34.61 to 31.61	**140**	**210**	-	250 U	-	**140**
				25 - 26.5	29.61 to 28.11	50 U	5 U	-	250 U	-	250 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	40.53 to 39.03	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	35.53 to 34.03	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	30.53 to 29.03	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	25.53 to 24.03	50 U	5 U	-	250 U	-	250 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	40.33 to 38.83	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	35.33 to 33.83	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	30.33 to 28.83	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	25.33 to 23.83	50 U	5 U	-	250 U	-	250 U
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	39.41 to 37.91	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	34.41 to 32.91	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	29.41 to 27.91	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	24.41 to 22.91	50 U	5 U	-	250 U	-	250 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	39.66 to 38.16	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	34.66 to 33.16	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
		N		20 - 21.5	29.66 to 28.16	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	24.66 to 23.16	50 U	5 U	-	250 U	-	250 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	50 U	5 U	-	**320**	-	**320**
				10 - 11.5	37.55 to 36.05	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	32.55 to 31.05	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	27.55 to 26.05	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	22.55 to 21.05	50 U	5 U	-	250 U	-	250 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	39.66 to 38.16	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	34.66 to 33.16	50 U	5 U	-	250 U	-	250 U
				20 - 21.5	29.66 to 28.16	50 U	5 U	-	250 U	-	250 U
				25 - 26.5	24.66 to 23.16	50 U	5 U	-	250 U	-	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	50 U	-	-	250 U	-	250 U
				10 - 11.5	37.15 to 35.65	50 U	-	-	250 U	-	250 U
				15 - 16.5	32.15 to 30.65	50 U	-	-	250 U	-	250 U
				20 - 21.5	27.15 to 25.65	50 U	-	-	250 U	-	250 U
				25 - 26.5	22.15 to 20.65	50 U	-	-	250 U	-	250 U
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	50 U	-	-	250 U	-	250 U
				10 - 11.5	27.73 to 26.23	50 U	-	-	250 U	-	250 U
				15 - 16.5	22.73 to 21.23	50 U	-	-	250 U	-	250 U
				20 - 21.5	17.73 to 16.23	50 U	-	-	250 U	-	250 U
				25 - 26.5	12.73 to 11.23	50 U	-	-	250 U	-	250 U
MBB-16	9/2/2020	N	53.7	5 - 5.5	48.70 to 48.20	**350 J**	**1200**	-	250 U	-	**350 J**
				10 - 11.5	43.70 to 42.20	50 U	**200**	-	250 U	-	250 U
				15 - 15.5	38.70 to 38.20	50 U	**20**	-	250 U	-	250 U
				20 - 20.9	33.70 to 32.80	50 U	5 U	-	250 U	-	250 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	50 U	5 U	-	250 U	-	250 U
				10 - 10.75	44.88 to 44.13	50 U	5 U	-	250 U	-	250 U
				15 - 16	39.88 to 38.88	50 U	5 U	-	250 U	-	250 U
				25 - 25.9	29.88 to 28.98	50 U	5 U	-	250 U	-	250 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	50 U	5 U	-	250 U	-	250 U
				10 - 10.9	41.33 to 40.43	50 U	5 U	-	250 U	-	250 U
				15 - 16.4	36.33 to 34.93	50 U	5 U	-	250 U	-	250 U
				20 - 20.75	31.33 to 30.58	50 U	5 U	-	250 U	-	250 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	50 U	5 U	-	250 U	-	250 U
				10 - 11	41.68 to 40.68	50 U	5 U	-	250 U	-	250 U
				15 - 15.4	36.68 to 36.28	50 U	5 U	-	250 U	-	250 U
				20 - 20.8	31.68 to 30.88	50 U	5 U	-	250 U	-	250 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	37.53 to 36.03	50 U	5 U	-	250 U	-	250 U
				15 - 16.33	32.53 to 31.2	50 U	5 U	-	250 U	-	250 U
				20 - 20.5	27.53 to 27.03	50 U	5 U	-	250 U	-	250 U
MBB-21	9/2/2020	N	47.6	5 - 5.8	42.60 to 41.80	50 U	5 U	-	250 U	-	250 U
				10 - 11.5	37.60 to 36.10	50 U	5 U	-	250 U	-	250 U
				15 - 15.9	32.60 to 31.70	50 U	5 U	-	250 U	-	250 U
				20 - 20.9	27.60 to 26.70	50 U	5 U	-	250 U	-	250 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	50 U	5 U	-	250 U	-	250 U
				15 - 16.25	27.05 to 25.8	50 U	5 U	-	250 U	-	250 U
				20 - 21.3	22.05 to 20.75	50 U	5 U	-	250 U	-	250 U
				25 - 26.3	17.05 to 15.75	50 U	5 U	-	250 U	-	250 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	50 U	5 U	-	250 U	-	250 U
				10 - 11.1	37.18 to 36.08	50 U	5 U	-	250 U	-	250 U
				15 - 16.25	32.18 to 30.93	50 U	5 U	-	250 U	-	250 U
				20 - 21.3	27.18 to 25.88	50 U	5 U	-	250 U	-	250 U
				25 - 26	22.18 to 21.18	50 U	5 U	-	250 U	-	250 U
MBB-24	9/9/2020	N	54.1	5 - 6.5	49.10 to 47.60	50 U	5 U	-	250 U	-	250 U
				10 - 11.4	44.10 to 42.70	50 U	5 U	-	250 U	-	250 U
				15 - 16.5	39.10 to 37.60	50 U	5 U	-	250 U	-	250 U
				20 - 21	34.10 to 33.10	50 U	5 U	-	250 U	-	250 U
				25 - 25.8	29.10 to 28.30	50 U	5 U	-	250 U	-	250 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	20 U	5 U	20 U	50 U	5 U	50 U
				17 - 18	22.95 to 21.95	20 U	5 U	20 U	50 U	5 U	50 U
				23.5 - 25	16.45 to 14.95	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-2	3/4/2019	N	46.11	5 - 6.5	41.11 to 39.61	20 U	-	20 U	50 U	-	50 U
				10 - 11.5	36.11 to 34.61	20 U	5 U	20 U	50 U	5 U	50 U
				12.5 - 14	33.61 to 32.11	20 U	5 UJ	20 U	50 U	5 UJ	50 U
				25 - 26.5	21.11 to 19.61	20 U	5 UJ	20 U	50 U	5 UJ	50 U
MBGW-3	3/7/2019	N	47.77	4 - 5	43.77 to 42.77	20 U	-	20 U	50 U	-	50 U
				7 - 8	40.77 to 39.77	20 U	5 U	20 U	50 U	5 U	50 U
				9 - 10	38.77 to 37.77	20 U	5 U	20 U	50 U	5 U	50 U
				12 - 13	35.77 to 34.77	20 U	5 U	20 U	50 U	5 U	50 U
				24 - 25	23.77 to 22.77	20 U	-	20 U	50 U	-	50 U
MBGW-4	3/6/2019	N	47.3	4 - 5	43.30 to 42.30	**29**	-	20 U	50 U	-	**29**
				7 - 8	40.30 to 39.30	20 U	5 U	20 U	50 U	5 U	50 U
				12 - 13	35.30 to 34.30	20 U	5 U	20 U	50 U	5 U	50 U
				24 - 25	23.30 to 22.30	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	20 U	5 U	20 U	50 U	5 U	50 U
				15 - 16.5	34.87 to 33.37	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-6	3/14/2019	N	52.5	10 - 10.7	42.5 to 41.8	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	20 U	5 U	20 U	50 U	5 U	50 U
				25 - 26	22.08 to 21.08	20 U	5 U	20 U	50 U	5 U	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	20 U	5 U	20 U	50 U	5 U	50 U
				15 - 15.8	41.84 to 41.04	20 U	5 U	20 U	50 U	5 U	50 U
				25 - 25.5	31.84 to 31.34	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	20 U	5 U	20 U	50 U	5 U	50 U
				15 - 16.2	40.25 to 39.05	20 U	5 U	20 U	50 U	5 U	50 U
				25 - 25.7	30.25 to 29.55	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	20 U	5 U	20 U	50 U	5 U	50 U
				10 - 11	47.55 to 46.55	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-12	3/15/2019	N	54	5 - 5.75	49 to 48.25	20 U	5 U	20 U	50 U	5 U	50 U
				25 - 25.5	29 to 28.5	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	20 U	5 U	20 U	50 U	5 U	50 U
				10 - 11.5	44.72 to 43.22	20 U	**730 J**	20 U	50 U	5 UJ	50 U
				15 - 15.8	39.72 to 38.92	20 U	**16**	20 U	50 U	5 U	50 U
				20 - 20.6	34.72 to 34.12	-	5 U	-	-	5 U	-
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	20 U	5 U	20 U	50 U	5 U	50 U
				18 - 20	28.09 to 26.09	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	20 U	5 U	20 U	50 U	5 U	50 U
				15 - 16.4	37.14 to 35.74	20 U	-	20 U	50 U	-	50 U
				20 - 20.8	32.14 to 31.34	-	5 U	-	-	5 U	-
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	20 U	5 UJ	20 U	50 U	5 UJ	50 U
				24 - 25	21.28 to 20.28	20 U	5 UJ	20 U	50 U	5 UJ	50 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	20 U	5 UJ	20 U	50 U	5 UJ	50 U
				19 - 20	25.46 to 24.46	20 U	5 UJ	20 U	50 U	5 UJ	50 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	20 U	5 U	20 U	50 U	5 U	50 U
				19 - 20	26.89 to 25.89	20 U	-	20 U	50 U	-	50 U
				24 - 25	21.89 to 20.89	-	5 U	-	-	5 U	-
MBPP-4	3/7/2019	N	48.34	9 - 10	39.34 to 38.34	20 U	5 U	20 U	50 U	5 U	50 U
				17 - 18	31.34 to 30.34	20 U	5 U	20 U	50 U	5 U	50 U
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	20 U	5 U	20 U	50 U	5 U	50 U
				14 - 15	31.92 to 30.92	20 U	5 U	20 U	50 U	5 U	50 U
				19 - 20	26.92 to 25.92	-	5 U	-	-	5 U	-
				24 - 25	21.92 to 20.92	20 U	5 U	20 U	50 U	5 U	50 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	20 U	5 U	20 U	50 U	5 U	50 U
				9 - 10	43.26 to 42.26	20 U	5 U	20 U	50 U	5 U	50 U
				12 - 13	40.26 to 39.26	20 U	5 U	20 U	50 U	5 U	50 U
				17 - 18	35.26 to 34.26	20 U	5 U	20 U	50 U	5 U	50 U

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Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	1500[b]	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**2000**	**30**	NA	**2000**	NA	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						15	5	NA	NA	NA	NA
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	20 U	5 U	20 U	50 U	5 U	50 U
				22 - 23	27.77 to 26.77	20 U	5 U	20 U	50 U	5 U	50 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	20 U	5 U	20 U	50 U	5 U	50 U
				14 - 15	43.52 to 42.52	20 U	5 U	20 U	**150**	5 U	**150**

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

b. The Direct Contact value for gasoline range organics is based on Ecology's 2017 model remedy guidance for sites with petroleum contaminated soil.

c. The Method A values for total petroleum hydrocarbons were used for for the soil-leaching-to-groundwater pathway as extractable petroleum hydrocarbon (EPH) and volatile petroleum hydrocarbon (VPH) data are unavailable.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

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TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	**0.19**	NA	NA	NA	NA	NA	**0.19**
Protective of Groundwater Vadose Zone[a]						NA	3.9	NA	NA	NA	NA	NA	0.45
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0034	0.005	0.0035	0.0035	0.005	0.005	0.0034	0.0069
21417-MB2	5/12/2017	N	54.72	1	53.72	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0322 U
21417-MB3	5/12/2017	N	58.63	1	57.63	**0.0393**	**0.0399**	**0.0505**	0.0382 U	**0.0462**	0.0382 U	0.0382 U	**0.0551**
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	**1.5**	0.1 U	**1.17**	0.1 U	**2.3**	0.1 U	0.1 U	**0.36**
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	48.44 to 46.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	43.44 to 41.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	38.44 to 36.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	33.44 to 31.94	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	**0.085**	**0.076**	**0.11**	0.05 U	**0.13**	0.05 U	0.05 U	**0.098**
				10 - 11.5	48.58 to 47.08	**0.083**	**0.064**	**0.088**	0.05 U	**0.11**	0.05 U	0.05 U	**0.083**
				15 - 16.5	43.58 to 42.08	**0.066**	0.05 U	**0.066**	0.05 U	**0.092**	0.05 U	0.05 U	**0.017**
				25 - 26.5	33.58 to 32.08	**0.071**	0.05 U	**0.08**	0.05 U	**0.1**	0.05 U	0.05 U	**0.019**
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	**0.051**	0.05 U	**0.058**	0.05 U	**0.072**	0.05 U	0.05 U	**0.014**
				10 - 11.5	48.65 to 47.15	**0.082**	**0.06**	**0.086**	0.05 U	**0.1**	0.05 U	0.05 U	**0.079**
				15 - 16.5	43.65 to 42.15	**0.089**	**0.065**	**0.08**	0.05 U	**0.12**	0.05 U	0.05 U	**0.084**
				20 - 21.5	38.65 to 37.15	0.05 U	0.05 U	0.05 U	0.05 U	**0.065**	0.05 U	0.05 U	**0.0036**
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	**0.068**	0.05 U	**0.06**	0.05 U	**0.087**	0.05 U	0.05 U	**0.016**
				10 - 11.5	48.67 to 47.17	**0.068**	**0.051**	**0.068**	0.05 U	**0.088**	0.05 U	0.05 U	**0.067**
				15 - 16.5	43.67 to 42.17	**0.084**	**0.057**	**0.069**	0.05 U	**0.1**	0.05 U	0.05 U	**0.075**
				20 - 21.5	38.67 to 37.17	0.05 U	0.05 U	**0.057**	0.05 U	**0.071**	0.05 U	0.05 U	**0.0092**
				25 - 26.5	33.67 to 32.17	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	**0.085**	**0.068**	**0.099**	0.05 U	**0.13**	0.05 U	0.05 U	**0.089**
				10 - 11.5	48.69 to 47.19	**0.06**	0.05 U	**0.072**	0.05 U	**0.088**	0.05 U	0.05 U	**0.017**
				15 - 16.5	43.69 to 42.19	**0.76**	**0.29**	**0.59**	**0.17**	**0.75**	0.05 U	**0.051**	**0.44**
				20 - 21.5	38.69 to 37.19	**0.052**	0.05 U	**0.074**	0.05 U	**0.085**	0.05 U	0.05 U	**0.016**
				25 - 26.5	33.69 to 32.19	**0.088**	**0.054**	**0.066**	0.05 U	**0.12**	0.05 U	0.05 U	**0.072**
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	**0.086**	**0.066**	**0.094**	0.05 U	**0.12**	0.05 U	0.05 U	**0.086**
				10 - 11.5	47.97 to 46.47	**0.11**	**0.085**	**0.11**	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**
				15 - 16.5	42.97 to 41.47	**0.093**	**0.063**	**0.09**	0.05 U	**0.12**	0.05 U	0.05 U	**0.084**
				20 - 21.5	37.97 to 36.47	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.003 U
				25 - 26.5	32.97 to 31.47	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	**0.19**	NA	NA	NA	NA	NA	**0.19**
Protective of Groundwater Vadose Zone[a]						NA	3.9	NA	NA	NA	NA	NA	0.45
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0034	0.005	0.0035	0.0035	0.005	0.005	0.0034	0.0069
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.25	47.21 to 45.96	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				15 - 16.33	42.21 to 40.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 20.75	37.21 to 36.46	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26	32.21 to 31.21	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.5	47.61 to 46.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				15 - 16.5	42.61 to 41.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 20.9	37.61 to 36.71	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 25.8	32.61 to 31.81	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 10.75	48.20 to 47.45	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	43.20 to 41.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 21.5	38.20 to 36.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.5	43.81 to 42.31	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	38.81 to 37.31	**0.011**	0.01 U	0.01 U	0.01 U	**0.011**	0.01 U	0.01 U	**0.0016**
				20 - 21.25	33.81 to 32.56	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				25 - 26.4	28.81 to 27.41	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	45.02 to 43.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	40.02 to 38.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	35.02 to 33.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	30.02 to 28.52	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	45.45 to 43.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	40.45 to 38.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	35.45 to 33.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		N		25 - 26.5	30.45 to 28.95	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	44.84 to 43.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	39.84 to 38.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	34.84 to 33.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	29.84 to 28.34	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	**0.19**	NA	NA	NA	NA	NA	**0.19**
Protective of Groundwater Vadose Zone[a]						NA	3.9	NA	NA	NA	NA	NA	0.45
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0034	0.005	0.0035	0.0035	0.005	0.005	0.0034	0.0069
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 12.5	44.61 to 42.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
		N		15 - 16.5	39.61 to 38.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 23	34.61 to 31.61	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	29.61 to 28.11	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	0.05 U	0.05 U	0.05 U	0.05 U	**0.058**	0.05 U	0.05 U	0.0036 U
				10 - 11.5	37.15 to 35.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	32.15 to 30.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	27.15 to 25.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	22.15 to 20.65	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				10 - 11.5	27.73 to 26.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				15 - 16.5	22.73 to 21.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				20 - 21.5	17.73 to 16.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				25 - 26.5	12.73 to 11.23	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11.5	43.70 to 42.20	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 15.5	38.70 to 38.20	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.9	33.70 to 32.80	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 10.75	44.88 to 44.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16	39.88 to 38.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				25 - 25.9	29.88 to 28.98	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 10.9	41.33 to 40.43	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				15 - 16.4	36.33 to 34.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.75	31.33 to 30.58	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11	41.68 to 40.68	0.05 U	0.05 U	**0.064**	0.05 U	**0.05**	0.05 U	0.05 U	**0.0087**
				15 - 15.4	36.68 to 36.28	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.8	31.68 to 30.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				10 - 11.5	37.53 to 36.03	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				15 - 16.33	32.53 to 31.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.5	27.53 to 27.03	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	**0.19**	NA	NA	NA	NA	NA	**0.19**
Protective of Groundwater Vadose Zone[a]						NA	3.9	NA	NA	NA	NA	NA	0.45
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0034	0.005	0.0035	0.0035	0.005	0.005	0.0034	0.0069
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.5	37.60 to 36.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 15.9	32.60 to 31.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 20.9	27.60 to 26.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	**0.2**	**0.33**	**0.33**	**0.13**	**0.31**	0.05 U	**0.24**	**0.42**
				15 - 16.25	27.05 to 25.8	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 21.3	22.05 to 20.75	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26.3	17.05 to 15.75	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.0097 U
				10 - 11.1	37.18 to 36.08	**1**	**1.8**	**2.3**	**0.77**	**1.7**	**0.22**	**1.1**	**2.4**
				15 - 16.25	32.18 to 30.93	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				20 - 21.3	27.18 to 25.88	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				25 - 26	22.18 to 21.18	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				10 - 11.4	44.10 to 42.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				15 - 16.5	39.10 to 37.60	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				20 - 21	34.10 to 33.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				25 - 25.8	29.10 to 28.30	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-25	10/30/2020	N	58.63	5 - 5.5	53.63 to 53.13	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				9.5 - 10.5	49.13 to 48.13	**0.091**	**0.07**	**0.091**	0.05 U	**0.095**	0.05 U	0.05 U	**0.09**
				14.5 - 15.4	44.13 to 43.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.002 U
				19.5 - 20.5	39.13 to 38.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
		N		24.5 - 25.5	34.13 to 33.13	**0.25**	**0.24**	**0.28**	**0.12**	**0.28**	0.05 U	**0.13**	**0.32**
MBB-26	10/29/2020	N	58.79	5.25 - 5.5	53.54 to 53.29	0.01 U	**0.011**	**0.014**	0.01 U	0.01 U	0.01 U	0.01 U	**0.013**
				9.5 - 10.5	49.29 to 48.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				14.5 - 15.5	44.29 to 43.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				19.5 - 20.5	39.29 to 38.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				24.5 - 25.5	34.29 to 33.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBGW-1	3/6/2019	N	39.95	23.5 - 25	16.45 to 14.95	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
MBGW-2	3/4/2019	N	46.11	25 - 26.5	21.11 to 19.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
MBGW-3	3/7/2019	N	47.77	12 - 13	35.77 to 34.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U

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TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**34**	**320**	4800	NA	24000	NA	3200	3200	1600	NA	2400
Protective of Groundwater Vadose Zone[a]						NA	NA	**99**	NA	**2300**	NA	**630**	**100**	**4.5**	NA	**650**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
21417-MB2	5/12/2017	N	54.72	1	53.72	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U	0.0426 U
21417-MB3	5/12/2017	N	58.63	1	57.63	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	0.0382 U	**0.0981**	0.0382 U	0.0382 U	**0.0455**	**0.0939**
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	0.1 U	0.1 U	**1.06**	**0.37**	0.1 U	0.1 U	**4.68**	0.1 U	0.1 U	**1.97**	**4.41**
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	48.44 to 46.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	43.44 to 41.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	38.44 to 36.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	33.44 to 31.94	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.21**	0.05 U	0.05 U	**0.099**	**0.24**
				10 - 11.5	48.58 to 47.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.24**	0.05 U	0.05 U	**0.3**	**0.27**
				15 - 16.5	43.58 to 42.08	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.18**	0.05 U	0.05 U	**0.14**	**0.21**
				25 - 26.5	33.58 to 32.08	-	-	0.05 U	0.05 U	**0.077**	0.05 U	**0.29**	0.05 U	0.05 U	**0.23**	**0.29**
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**	**0.15**
				10 - 11.5	48.65 to 47.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.2**	0.05 U	0.05 U	**0.23**	**0.22**
				15 - 16.5	43.65 to 42.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.27**	0.05 U	0.05 U	**0.11**	**0.28**
				20 - 21.5	38.65 to 37.15	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.14**	0.05 U	0.05 U	**0.11**	**0.14**
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.17**	0.05 U	0.05 U	**0.14**	**0.22 J**
				10 - 11.5	48.67 to 47.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.2**	0.05 U	0.05 U	**0.21**	**0.22 J**
				15 - 16.5	43.67 to 42.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.22**	0.05 U	0.05 U	**0.11**	**0.28 J**
				20 - 21.5	38.67 to 37.17	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.12**	0.05 U	0.05 U	**0.095**	**0.15 J**
				25 - 26.5	33.67 to 32.17	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	-	-	**0.055**	0.05 U	**0.05**	0.05 U	**0.26**	0.05 U	0.05 U	**0.31**	**0.3**
				10 - 11.5	48.69 to 47.19	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.18**	0.05 U	0.05 U	**0.079**	**0.21**
				15 - 16.5	43.69 to 42.19	-	-	0.05 U	0.05 U	**0.057**	0.05 U	**1.3**	0.05 U	0.05 U	**0.12**	**1.4**
				20 - 21.5	38.69 to 37.19	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.16**	0.05 U	0.05 U	**0.065**	**0.16**
				25 - 26.5	33.69 to 32.19	-	-	0.05 U	0.05 U	**0.13**	0.05 U	**0.26**	0.05 U	0.05 U	**0.18**	**0.24**
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.25**	0.05 U	0.05 U	**0.32**	**0.27**
				10 - 11.5	47.97 to 46.47	-	-	**0.05**	0.05 U	**0.061**	0.05 U	**0.29**	0.05 U	0.05 U	**0.4**	**0.37**
				15 - 16.5	42.97 to 41.47	-	-	**0.058**	0.05 U	**0.09**	0.05 U	**0.34**	0.05 U	0.05 U	**0.7**	**0.36**
				20 - 21.5	37.97 to 36.47	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.056**	0.05 U	0.05 U	**0.055**	**0.074**
				25 - 26.5	32.97 to 31.47	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**34**	**320**	4800	NA	24000	NA	3200	3200	1600	NA	2400
Protective of Groundwater Vadose Zone[a]						NA	NA	**99**	NA	**2300**	NA	**630**	**100**	**4.5**	NA	**650**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
				5 - 6.25	52.21 to 50.96	-	-	-	-	-	-	-	-	-	-	-
HMW-17S	9/3/2020	N	57.21	10 - 11.25	47.21 to 45.96	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.33	42.21 to 40.88	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.75	37.21 to 36.46	-	-	-	-	-	-	-	-	-	-	-
				25 - 26	32.21 to 31.21	-	-	-	-	-	-	-	-	-	-	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	47.61 to 46.11	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	42.61 to 41.11	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	37.61 to 36.71	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.8	32.61 to 31.81	-	-	-	-	-	-	-	-	-	-	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.75	48.20 to 47.45	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	43.20 to 41.70	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.5	38.20 to 36.70	-	-	-	-	-	-	-	-	-	-	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	43.81 to 42.31	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	38.81 to 37.31	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.25	33.81 to 32.56	-	-	-	-	-	-	-	-	-	-	-
				25 - 26.4	28.81 to 27.41	-	-	-	-	-	-	-	-	-	-	-
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	45.02 to 43.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	40.02 to 38.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	35.02 to 33.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.024**	0.01 U	0.01 U
				25 - 26.5	30.02 to 28.52	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	45.45 to 43.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	40.45 to 38.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	35.45 to 33.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		FD				-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		25 - 26.5	30.45 to 28.95	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	44.84 to 43.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	39.84 to 38.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	34.84 to 33.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	29.84 to 28.34	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.092**	0.01 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**34**	**320**	4800	NA	24000	NA	3200	3200	1600	NA	2400
Protective of Groundwater Vadose Zone[a]						NA	NA	**99**	NA	**2300**	NA	**630**	**100**	**4.5**	NA	**650**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 12.5	44.61 to 42.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.011**	0.01 U	0.01 U
		FD				-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		15 - 16.5	39.61 to 38.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 23	34.61 to 31.61	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.74**	0.01 U	0.01 U
				25 - 26.5	29.61 to 28.11	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-14	3/3/2020	N	47.15	5 - 6.5	42.15 to 40.65	-	-	0.05 U	0.05 U	0.05 U	0.05 U	**0.11**	0.05 U	0.05 U	**0.09**	**0.12 J**
				10 - 11.5	37.15 to 35.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	**0.016**	0.01 U	**0.028**	**0.015**	**0.018**
				15 - 16.5	32.15 to 30.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	27.15 to 25.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	22.15 to 20.65	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.01**
MBB-15	3/4/2020	N	37.73	5 - 6.5	32.73 to 31.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				10 - 11.5	27.73 to 26.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				15 - 16.5	22.73 to 21.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				20 - 21.5	17.73 to 16.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				25 - 26.5	12.73 to 11.23	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	43.70 to 42.20	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.5	38.70 to 38.20	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	33.70 to 32.80	-	-	-	-	-	-	-	-	-	-	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.75	44.88 to 44.13	-	-	-	-	-	-	-	-	-	-	-
				15 - 16	39.88 to 38.88	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.9	29.88 to 28.98	-	-	-	-	-	-	-	-	-	-	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	-	-	-	-	-	-	-	-	-	-	-
				10 - 10.9	41.33 to 40.43	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.4	36.33 to 34.93	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.75	31.33 to 30.58	-	-	-	-	-	-	-	-	-	-	-
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	-	-	-	-	-	-	-	-	-	-	-
				10 - 11	41.68 to 40.68	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.4	36.68 to 36.28	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.8	31.68 to 30.88	-	-	-	-	-	-	-	-	-	-	-
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.5	37.53 to 36.03	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.33	32.53 to 31.2	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.5	27.53 to 27.03	-	-	-	-	-	-	-	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**34**	**320**	4800	NA	24000	NA	3200	3200	1600	NA	2400
Protective of Groundwater Vadose Zone[a]						NA	NA	**99**	NA	**2300**	NA	**630**	**100**	**4.5**	NA	**650**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
				5 - 5.8	42.60 to 41.80	-	-	-	-	-	-	-	-	-	-	-
MBB-21	9/2/2020	N	47.60	10 - 11.5	37.60 to 36.10	-	-	-	-	-	-	-	-	-	-	-
				15 - 15.9	32.60 to 31.70	-	-	-	-	-	-	-	-	-	-	-
				20 - 20.9	27.60 to 26.70	-	-	-	-	-	-	-	-	-	-	-
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.25	27.05 to 25.8	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.3	22.05 to 20.75	-	-	-	-	-	-	-	-	-	-	-
				25 - 26.3	17.05 to 15.75	-	-	-	-	-	-	-	-	-	-	-
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.1	37.18 to 36.08	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.25	32.18 to 30.93	-	-	-	-	-	-	-	-	-	-	-
				20 - 21.3	27.18 to 25.88	-	-	-	-	-	-	-	-	-	-	-
				25 - 26	22.18 to 21.18	-	-	-	-	-	-	-	-	-	-	-
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	-	-	-	-	-	-	-	-	-	-	-
				10 - 11.4	44.10 to 42.70	-	-	-	-	-	-	-	-	-	-	-
				15 - 16.5	39.10 to 37.60	-	-	-	-	-	-	-	-	-	-	-
				20 - 21	34.10 to 33.10	-	-	-	-	-	-	-	-	-	-	-
				25 - 25.8	29.10 to 28.30	-	-	-	-	-	-	-	-	-	-	-
MBB-25	10/30/2020	N	58.63	5 - 5.5	53.63 to 53.13	-	-	-	-	-	-	-	-	-	-	-
				9.5 - 10.5	49.13 to 48.13	-	-	-	-	-	-	-	-	-	-	-
				14.5 - 15.4	44.13 to 43.23	-	-	-	-	-	-	-	-	-	-	-
				19.5 - 20.5	39.13 to 38.13	-	-	-	-	-	-	-	-	-	-	-
		FD				-	-	-	-	-	-	-	-	-	-	-
		N		24.5 - 25.5	34.13 to 33.13	-	-	-	-	-	-	-	-	-	-	-
MBB-26	10/29/2020	N	58.79	5.25 - 5.5	53.54 to 53.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				9.5 - 10.5	49.29 to 48.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				14.5 - 15.5	44.29 to 43.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				19.5 - 20.5	39.29 to 38.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				24.5 - 25.5	34.29 to 33.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBGW-1	3/6/2019	N	39.95	23.5 - 25	16.45 to 14.95	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MBGW-2	3/4/2019	N	46.11	25 - 26.5	21.11 to 19.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MBGW-3	3/7/2019	N	47.77	12 - 13	35.77 to 34.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

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TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
					Protective of Groundwater Vadose Zone[a]	NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0242 U	0.0162 U	0.0162 U	0.0242 U	0.0162 U	0.0404 U	0.0162 U	0.0162 U	0.0162 U	-	0.0404 U	0.0162 U	0.404 U	0.00404 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0281 U	0.0187 U	0.0187 U	0.0281 U	0.0187 U	0.0469 U	0.0187 U	0.0187 U	0.0187 U	-	0.0469 U	**0.0455**	0.469 U	0.00469 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0244 U	0.0162 U	0.0162 U	0.0244 U	0.0162 U	0.0406 U	0.0162 U	0.0162 U	0.0162 U	-	0.0406 U	0.0162 U	0.406 U	0.00406 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0206 U	0.0137 U	0.0137 U	0.0206 U	0.0137 U	0.0343 U	0.0137 U	0.0137 U	0.0137 U	-	0.0343 U	0.0137 U	0.343 U	0.00343 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0198 U	0.0132 U	0.0132 U	0.0198 U	0.0132 U	0.0329 U	0.0132 U	0.0132 U	0.0132 U	-	0.0329 U	0.0132 U	0.329 U	0.00329 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0204 U	0.0136 U	0.0136 U	0.0204 U	0.0136 U	0.034 U	0.0136 U	0.0136 U	0.0136 U	-	0.034 U	0.0136 U	0.034 U	0.0034 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0245 U	0.0163 U	0.0163 U	0.0245 U	0.0163 U	0.0409 U	0.0163 U	0.0163 U	0.0163 U	-	0.0409 U	0.0163 U	0.409 U	0.00409 U	0.0163 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0355 U	0.0237 U	0.0237 U	0.0355 U	0.0237 U	0.0591 U	0.0237 U	0.0237 U	0.0237 U	-	0.0591 U	0.0237 U	0.591 U	0.00591 U	0.0237 U
				22	17.05	0.0279 U	0.0186 U	0.0186 U	0.0279 U	0.0186 U	0.0464 U	0.0186 U	0.0186 U	0.0186 U	-	0.0464 U	0.0186 U	0.464 U	0.00464 U	0.0186 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0386 U	0.0257 U	0.0257 U	0.0386 U	0.0257 U	0.0643 U	0.0257 U	0.0257 U	0.0257 U	-	0.0643 U	0.0257 U	0.643 U	0.00643 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U
				25	28.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
HMW-3IA	3/15/2019	N	55.02	15 - 16	40.02 to 39.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 21	35.02 to 34.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
HMW-4IA	3/7/2019	N	58.70	5 - 6	53.70 to 52.70	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ
				7.5 - 8.7	51.20 to 50.00	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.005 UJ	0.05 UJ
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	48.44 to 46.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	43.44 to 41.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	38.44 to 36.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	33.44 to 31.94	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	48.58 to 47.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	43.58 to 42.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	33.58 to 32.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	48.65 to 47.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	43.65 to 42.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	38.65 to 37.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	48.67 to 47.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		N		15 - 16.5	43.67 to 42.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	38.67 to 37.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	33.67 to 32.17	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	48.69 to 47.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	43.69 to 42.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	38.69 to 37.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	33.69 to 32.19	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	47.97 to 46.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	42.97 to 41.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	37.97 to 36.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	32.97 to 31.47	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	45.32 to 43.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	40.32 to 38.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.32 to 33.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	30.32 to 28.82	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	45.26 to 43.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	40.26 to 38.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.26 to 33.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	30.26 to 28.76	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				13 - 14.5	42.36 to 40.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	40.36 to 38.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.36 to 33.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	30.36 to 28.86	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				14 - 15.5	41.39 to 39.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				17 - 18.5	38.39 to 36.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.39 to 33.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	30.39 to 28.89	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	38.16 to 36.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	33.16 to 31.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		N		20 - 21.5	28.16 to 26.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	23.16 to 21.66	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	38.21 to 36.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		N		15 - 16.5	33.21 to 31.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	28.21 to 26.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	23.21 to 21.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	29.7 to 28.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	24.7 to 23.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	19.7 to 18.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	14.7 to 13.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	31.47 to 29.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	26.47 to 24.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	21.47 to 19.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26	32.21 to 31.21	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	47.61 to 46.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**0.0068**	0.05 U	0.005 U	0.005 U
				15 - 16.5	42.61 to 41.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	45.02 to 43.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	40.02 to 38.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.02 to 33.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-	**1.9**	0.5 U	-	0.05 U
				25 - 26.5	30.02 to 28.52	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	45.45 to 43.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	40.45 to 38.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	35.45 to 33.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		N		25 - 26.5	30.45 to 28.95	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	44.84 to 43.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-	**5.9**	0.5 U	-	0.05 U
				15 - 16.5	39.84 to 38.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	34.84 to 33.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	29.84 to 28.34	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	**0.096**	0.05 U	-	0.005 U
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 12.5	44.61 to 42.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	**0.022 J**	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	**0.11**	0.05 U	-	0.005 U
		N		15 - 16.5	39.61 to 38.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 23	34.61 to 31.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.25 U	0.05 U	-	-	**1.2**	0.5 U	-	0.05 U
				25 - 26.5	29.61 to 28.11	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	40.53 to 39.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	35.53 to 34.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	30.53 to 29.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	25.53 to 24.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	40.33 to 38.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	35.33 to 33.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	30.33 to 28.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	25.33 to 23.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	39.41 to 37.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	34.41 to 32.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	29.41 to 27.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	24.41 to 22.91	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	39.66 to 38.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	34.66 to 33.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		N		20 - 21.5	29.66 to 28.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	24.66 to 23.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	37.55 to 36.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	32.55 to 31.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	27.55 to 26.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	22.55 to 21.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				10 - 11.5	39.66 to 38.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				15 - 16.5	34.66 to 33.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				20 - 21.5	29.66 to 28.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
				25 - 26.5	24.66 to 23.16	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**2.8**	0.05 U	0.005 U	0.005 U
				10 - 11.5	43.70 to 42.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**0.49**	0.05 U	0.005 U	0.005 U
				15 - 15.5	38.70 to 38.20	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**0.014**	0.05 U	0.005 U	0.005 U
				20 - 20.9	33.70 to 32.80	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**0.0081**	0.05 U	0.005 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16	39.88 to 38.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 UJ	0.005 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11	41.68 to 40.68	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	37.53 to 36.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.5	37.60 to 36.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.25	27.05 to 25.8	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.1	37.18 to 36.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 26	22.18 to 21.18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				10 - 11.4	44.10 to 42.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				20 - 21	34.10 to 33.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				12.5 - 13.5	27.45 to 26.45	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-2	3/4/2019	N	46.11	10 - 11.5	36.11 to 34.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				12.5 - 14	33.61 to 32.11	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				9 - 10	38.77 to 37.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-4	3/6/2019	N	47.30	7 - 8	40.30 to 39.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				9 - 10	38.30 to 37.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-5	3/11/2019	N	49.87	10 - 11	39.87 to 38.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 16.5	34.87 to 33.37	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 15.7	37.5 to 36.8	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-8	3/15/2019	N	47.08	10 - 11.5	37.08 to 35.58	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 16.5	32.08 to 30.58	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 15.8	41.84 to 41.04	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 16.2	40.25 to 39.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				20 - 21	34 to 33	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-13	3/14/2019	N	54.72	5 - 6.5	49.72 to 48.22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.55 J**	0.05 U	0.005 U	0.05 U
				10 - 11.5	44.72 to 43.22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**15**	0.05 U	0.005 U	0.05 U
				12.5 - 14	42.22 to 40.72	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**1.6 J**	0.05 U	0.005 U	0.05 U
				15 - 15.8	39.72 to 38.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.21**	0.05 U	0.005 U	0.05 U
				20 - 20.6	34.72 to 34.12	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.12 J**	0.05 U	0.005 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBGW-14	3/6/2019	N	46.09	9 - 10	37.09 to 36.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				13.5 - 15	32.59 to 31.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA	NA	0.00027	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	**0.0025**	0.0015	0.001	0.003	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MW-105	8/6/2012	N	45.59	10	35.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				20	25.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				20	32.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-114	12/10/2012	N	42.43	15	27.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				25	17.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				20	37.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				20	34.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				20	17.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00285 U	0.00114 U	0.00114 U	0.00114 U	0.0057 U	0.00114 U	0.00114 U
				25	25.32	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00271 U	0.00109 U	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U
				20	32.49	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0027 U	0.00108 U	0.00108 U	0.00108 U	0.0054 U	0.00108 U	0.00108 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00288 U	0.00115 U	0.00115 U	0.00115 U	0.00577 U	0.00115 U	0.00115 U
				20	24.29	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00284 U	0.00113 U	0.00113 UJ	0.00113 U	0.00567 U	0.00113 U	0.00113 U
				20	34.84	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 UJ	0.00274 U	0.00109 U	0.00109 UJ	0.00109 U	0.00547 U	0.00109 U	0.00109 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.0135 U	0.00541 U	0.0135 U	0.00541 U	0.0271 U	0.00271 U	0.00541 U
				10	39.73	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0141 U	0.00566 U	0.0141 U	0.00566 U	0.0283 U	0.00283 U	0.00566 U
				15	34.73	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.0141 U	0.00562 U	0.0141 U	0.00562 U	0.0281 U	0.00281 U	0.00562 U
				20	29.73	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0027 U	0.0135 U	0.00539 U	0.0135 U	0.00539 U	0.027 U	0.0027 U	0.00539 U
				25	24.73	0.00284 U	0.00284 U	0.00284 U	0.00284 U	**0.00317**	**0.000568 J**	0.00284 U	0.00284 U	0.0142 U	0.00567 U	0.0142 U	0.00567 U	0.0284 U	0.00284 U	0.00567 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.00275 U	0.0138 U	**0.00216 J**	0.0138 U	**0.00325 J**	0.0275 U	0.00275 U	0.00551 U
				10	31.31	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.0166 U	0.00665 U	0.0166 U	0.00665 U	0.0333 U	0.00333 U	0.00665 U
				15	26.31	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.0146 U	0.00585 U	0.0146 U	0.00585 U	0.0292 U	0.00292 U	0.00585 U
				20	21.31	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.00293 U	0.0146 U	0.00585 U	0.0146 U	0.00585 U	0.0293 U	0.00293 U	0.00585 U
				25	16.31	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0031 U	0.0155 U	0.0062 U	0.0155 U	0.0062 U	0.031 U	0.0031 U	0.0062 U

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TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
					Protective of Groundwater Vadose Zone[a]	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0242 U	0.0162 U	0.0162 U	0.0162 U	0.0404 U	0.0162 U	0.0404 U	-	0.0162 U	-	0.0162 U	0.0162 U	-	-	-
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0281 U	0.0187 U	0.0187 U	0.0187 U	0.0469 U	0.0187 U	0.0469 U	-	0.0187 U	-	0.0187 U	0.0187 U	-	-	-
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0244 U	0.0162 U	0.0162 U	0.0162 U	0.0406 U	0.0162 U	0.0406 U	-	0.0162 U	-	0.0162 U	0.0162 U	-	-	-
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0206 U	0.0137 U	0.0137 U	0.0137 U	0.0343 U	0.0137 U	0.0343 U	-	0.0137 U	-	0.0137 U	0.0137 U	-	-	-
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0198 U	0.0132 U	0.0132 U	0.0132 U	0.0329 U	0.0132 U	0.0329 U	-	0.0132 U	-	0.0132 U	0.0132 U	-	-	-
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0204 U	0.0136 U	0.0136 U	0.0136 U	0.034 U	0.0136 U	0.034 U	-	0.0136 U	-	0.0136 U	0.0136 U	-	-	-
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0245 U	0.0163 U	0.0163 U	0.0163 U	0.0409 U	0.0163 U	0.0409 U	-	0.0163 U	-	0.0163 U	0.0163 U	-	-	-
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0355 U	0.0237 U	0.0237 U	0.0237 U	0.0591 U	0.0237 U	0.0591 U	-	0.0237 U	-	0.0237 U	0.0237 U	-	-	-
				22	17.05	0.0279 U	0.0186 U	0.0186 U	0.0186 U	0.0464 U	0.0186 U	0.0464 U	-	0.0186 U	-	0.0186 U	0.0186 U	-	-	-
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0386 U	0.0257 U	0.0257 U	0.0257 U	0.0643 U	0.0257 U	0.0643 U	-	0.0257 U	-	0.0257 U	0.0257 U	-	-	-
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U
				25	28.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				15 - 16.5	23.29 to 21.79	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20.5 - 22	17.79 to 16.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				15 - 15.5	32.41 to 31.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				22.5 - 23.5	24.91 to 23.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				15 - 16	40.02 to 39.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				22.5 - 23.5	32.52 to 31.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 26	30.02 to 29.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				5 - 6	53.70 to 52.70	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-
				10 - 11	48.70 to 47.70	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-
				25 - 26.8	33.70 to 31.90	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	-
				5 - 6.5	53.44 to 51.94	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	48.44 to 46.94	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-5IB	2/28/2020	N	58.44	15 - 16.5	43.44 to 41.94	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	38.44 to 36.94	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	33.44 to 31.94	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	53.58 to 52.08	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-6D	3/2/2020	N	58.58	10 - 11.5	48.58 to 47.08	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	43.58 to 42.08	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	33.58 to 32.08	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	53.65 to 52.15	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-6IA	3/2/2020	N	58.65	10 - 11.5	48.65 to 47.15	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	43.65 to 42.15	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	38.65 to 37.15	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	53.67 to 52.17	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		10 - 11.5	48.67 to 47.17	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-6IB	3/3/2020	FD	58.67			-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	43.67 to 42.17	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		20 - 21.5	38.67 to 37.17	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	33.67 to 32.17	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	53.69 to 52.19	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	48.69 to 47.19	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-7IB	2/28/2020	N	58.69	15 - 16.5	43.69 to 42.19	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	38.69 to 37.19	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	33.69 to 32.19	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				5 - 6.5	52.97 to 51.47	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-8IB	3/2/2020	N	57.97	10 - 11.5	47.97 to 46.47	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	42.97 to 41.47	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	37.97 to 36.47	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	32.97 to 31.47	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	50.32 to 48.82	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-9D	2/27/2020	N	55.32	10 - 11.5	45.32 to 43.82	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	40.32 to 38.82	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.32 to 33.82	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	30.32 to 28.82	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	50.26 to 48.76	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-9IA	2/28/2020	N	55.26	10 - 11.5	45.26 to 43.76	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	40.26 to 38.76	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.26 to 33.76	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	30.26 to 28.76	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	50.36 to 48.86	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-9IB	2/28/2020	N	55.36	13 - 14.5	42.36 to 40.86	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	40.36 to 38.86	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.36 to 33.86	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	30.36 to 28.86	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	50.39 to 48.89	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-9S	3/2/2020	N	55.39	14 - 15.5	41.39 to 39.89	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				17 - 18.5	38.39 to 36.89	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.39 to 33.89	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	30.39 to 28.89	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				5 - 6.5	43.16 to 41.66	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		10 - 11.5	38.16 to 36.66	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-10D	3/5/2020		48.16	15 - 16.5	33.16 to 31.66	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		20 - 21.5	28.16 to 26.66	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	23.16 to 21.66	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	38.21 to 36.71	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		15 - 16.5	33.21 to 31.71	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	28.21 to 26.71	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	23.21 to 21.71	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	29.7 to 28.2	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	24.7 to 23.2	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	19.7 to 18.2	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	14.7 to 13.2	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	31.47 to 29.97	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	26.47 to 24.97	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	21.47 to 19.97	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				10 - 11.25	47.21 to 45.96	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.33	42.21 to 40.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 20.75	37.21 to 36.46	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 26	32.21 to 31.21	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				10 - 11.5	47.61 to 46.11	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	**0.011**	0.005 U	0.05 U	0.1 U	-
				15 - 16.5	42.61 to 41.11	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 20.9	37.61 to 36.71	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 25.8	32.61 to 31.81	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				10 - 10.75	48.20 to 47.45	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.5	43.20 to 41.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 21.5	38.20 to 36.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				10 - 11.5	43.81 to 42.31	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.5	38.81 to 37.31	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 21.25	33.81 to 32.56	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 26.4	28.81 to 27.41	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				5 - 6.5	50.02 to 48.52	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-1	2/27/2020	N	55.02	10 - 11.5	45.02 to 43.52	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	40.02 to 38.52	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.02 to 33.52	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	-	0.05 U	-	-	-
				25 - 26.5	30.02 to 28.52	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	45.45 to 43.95	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	40.45 to 38.95	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	35.45 to 33.95	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		25 - 26.5	30.45 to 28.95	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	44.84 to 43.34	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	-	0.05 U	-	-	-
				15 - 16.5	39.84 to 38.34	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	34.84 to 33.34	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	29.84 to 28.34	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 12.5	44.61 to 42.11	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		15 - 16.5	39.61 to 38.11	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 23	34.61 to 31.61	-	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	-	0.05 U	-	-	-
				25 - 26.5	29.61 to 28.11	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	40.53 to 39.03	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	35.53 to 34.03	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	30.53 to 29.03	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	25.53 to 24.03	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	40.33 to 38.83	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	35.33 to 33.83	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	30.33 to 28.83	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	25.33 to 23.83	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				5 - 6.5	44.41 to 42.91	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-7	2/25/2020	N	49.41	10 - 11.5	39.41 to 37.91	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	34.41 to 32.91	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	29.41 to 27.91	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	24.41 to 22.91	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	39.66 to 38.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	34.66 to 33.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		N		20 - 21.5	29.66 to 28.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	24.66 to 23.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	37.55 to 36.05	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	32.55 to 31.05	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	27.55 to 26.05	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	22.55 to 21.05	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				10 - 11.5	39.66 to 38.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				15 - 16.5	34.66 to 33.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				20 - 21.5	29.66 to 28.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
				25 - 26.5	24.66 to 23.16	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.005 U	0.001 U	**1.3**	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	**0.42**	0.005 U	0.05 U	0.1 U	-
				10 - 11.5	43.70 to 42.20	0.005 U	0.001 U	**0.25**	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 15.5	38.70 to 38.20	0.005 U	0.001 U	**0.0086**	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 20.9	33.70 to 32.80	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				10 - 10.75	44.88 to 44.13	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				15 - 16	39.88 to 38.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				25 - 25.9	29.88 to 28.98	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				10 - 10.9	41.33 to 40.43	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				15 - 16.4	36.33 to 34.93	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				20 - 20.75	31.33 to 30.58	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				5 - 5.8	46.68 to 45.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
MBB-19	9/1/2020	N	51.68	10 - 11	41.68 to 40.68	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				15 - 15.4	36.68 to 36.28	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				20 - 20.8	31.68 to 30.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 UJ	-
				5 - 6.5	42.53 to 41.03	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-20	9/2/2020	N	47.53	10 - 11.5	37.53 to 36.03	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.33	32.53 to 31.2	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 20.5	27.53 to 27.03	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				5 - 5.8	42.60 to 41.80	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-21	9/2/2020	N	47.60	10 - 11.5	37.60 to 36.10	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 15.9	32.60 to 31.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 20.9	27.60 to 26.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				5 - 6	37.05 to 36.05	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-22	9/21/2020	N	42.05	15 - 16.25	27.05 to 25.8	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 21.3	22.05 to 20.75	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 26.3	17.05 to 15.75	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				5 - 6.2	42.18 to 40.98	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-23	9/21/2020	N	47.18	10 - 11.1	37.18 to 36.08	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.25	32.18 to 30.93	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 21.3	27.18 to 25.88	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 26	22.18 to 21.18	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				5 - 6.5	49.10 to 47.60	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 UJ	0.005 U	0.05 UJ	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-24	9/9/2020	N	54.10	10 - 11.4	44.10 to 42.70	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 UJ	0.005 U	0.05 UJ	0.005 U	0.005 U	0.05 U	0.1 U	-
				15 - 16.5	39.10 to 37.60	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				20 - 21	34.10 to 33.10	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				25 - 25.8	29.10 to 28.30	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 UJ	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				4 - 5	35.95 to 34.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-1	3/6/2019	N	39.95	12.5 - 13.5	27.45 to 26.45	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				17 - 18	22.95 to 21.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				23.5 - 25	16.45 to 14.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 11.5	36.11 to 34.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 26.5	21.11 to 19.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				7 - 8	40.77 to 39.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-3	3/7/2019	N	47.77	9 - 10	38.77 to 37.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				12 - 13	35.77 to 34.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	23.77 to 22.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				7 - 8	40.30 to 39.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-4	3/6/2019	N	47.30	9 - 10	38.30 to 37.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				12 - 13	35.30 to 34.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	23.30 to 22.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 11	39.87 to 38.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-5	3/11/2019	N	49.87	15 - 16.5	34.87 to 33.37	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20 - 21	29.87 to 28.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 10.7	42.5 to 41.8	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-6	3/14/2019	N	52.50	15 - 15.7	37.5 to 36.8	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20 - 20.75	32.5 to 31.75	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 11.5	37.08 to 35.58	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-8	3/15/2019	N	47.08	15 - 16.5	32.08 to 30.58	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 26	22.08 to 21.08	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 10.5	46.84 to 46.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-9	3/13/2019	N	56.84	15 - 15.8	41.84 to 41.04	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20 - 21.25	36.84 to 35.59	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 25.5	31.84 to 31.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 10.9	45.25 to 44.35	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-10	3/13/2019	N	55.25	15 - 16.2	40.25 to 39.05	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20 - 21.25	35.25 to 34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 25.7	30.25 to 29.55	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				10 - 11	47.55 to 46.55	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				5 - 5.75	49 to 48.25	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-12	3/15/2019	N	54.00	20 - 21	34 to 33	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				25 - 25.5	29 to 28.5	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				5 - 6.5	49.72 to 48.22	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				7.5 - 8.75	47.22 to 45.97	0.02 U	0.05 U	**0.2 J**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-13	3/14/2019	N	54.72	10 - 11.5	44.72 to 43.22	0.02 U	0.05 U	**5.7**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				12.5 - 14	42.22 to 40.72	0.02 U	0.05 U	**0.51 J**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				15 - 15.8	39.72 to 38.92	0.02 U	0.05 U	**0.079**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				20 - 20.6	34.72 to 34.12	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				9 - 10	37.09 to 36.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-14	3/6/2019	N	46.09	13.5 - 15	32.59 to 31.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				18 - 20	28.09 to 26.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				15 - 16.4	37.14 to 35.74	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	21.28 to 20.28	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				19 - 20	25.46 to 24.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				19 - 20	26.89 to 25.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	21.89 to 20.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				9 - 10	39.34 to 38.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				14 - 15	34.34 to 33.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				16 - 17	32.34 to 31.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				17 - 18	31.34 to 30.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				14 - 15	31.92 to 30.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				16.5 - 18	29.42 to 27.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				19 - 20	26.92 to 25.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	21.92 to 20.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				9 - 10	43.26 to 42.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				12 - 13	40.26 to 39.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				14 - 15	38.26 to 37.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				17 - 18	35.26 to 34.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				19 - 20	33.26 to 32.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				24 - 25	28.26 to 27.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				14 - 15	35.77 to 34.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				22 - 23	27.77 to 26.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				14 - 15	43.52 to 42.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				21 - 22.5	36.52 to 35.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Vadose Zone[a]						**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**29**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
~~MW-105~~	~~8/6/2012~~	~~N~~	~~45.59~~	10	35.59	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	25.59	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	10	42.90	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	32.90	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-114	12/10/2012	N	42.43	15	27.43	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	17.43	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	10	47.78	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	37.78	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	10	44.50	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	34.50	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	10	27.66	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	17.66	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.0114 U	0.00114 U	0.0114 U	0.00114 U	0.00114 U	0.0114 U	0.057 U	0.0114 U
				25	25.32	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0543 U	0.0109 U
				20	32.49	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.054 U	0.0108 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	**0.00585 J**	0.00115 U	0.0115 U	0.00115 U	0.00115 U	0.0115 U	**0.0266 J**	0.0115 U
				20	24.29	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0542 U	0.0108 U
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.0113 UJ	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0567 UJ	0.0113 U
				20	34.84	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.0109 UJ	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0547 UJ	0.0109 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00271 U	0.00541 U	0.00541 U	0.00541 U	0.00541 U	0.00541 U	0.00271 U	0.0271 U	0.00271 U	0.0271 U	0.0135 U	0.00541 U	0.0271 U	0.0271 U	0.0135 U
				10	39.73	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U	0.0283 U	0.00283 U	0.0283 U	0.0141 U	0.00566 U	0.0283 U	**0.0346**	0.0141 U
				15	34.73	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U	0.0281 U	0.00281 U	0.0281 U	0.0141 U	0.00562 U	0.0281 U	0.0281 U	0.0141 U
				20	29.73	0.0027 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.0027 U	0.027 U	0.0027 U	0.027 U	0.0135 U	0.00539 U	0.027 U	**0.0282**	0.0135 U
				25	24.73	0.00284 U	0.00567 U	0.00567 U	0.00567 U	0.00567 U	0.00567 U	0.00284 U	0.0284 U	0.00284 U	0.0284 U	0.0142 U	0.00567 U	0.0284 U	**0.04**	0.0142 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00275 U	0.00551 U	**0.00151 J**	0.00551 U	0.00551 U	0.00551 U	0.00275 U	0.0275 U	0.00275 U	0.0275 U	0.0138 U	0.00551 U	0.0275 U	**0.0283 J**	0.0138 U
				10	31.31	0.00333 U	0.00665 U	0.00665 U	0.00665 U	0.00665 U	0.00665 U	0.00333 U	**0.0223 J**	0.00333 U	0.0333 U	0.0166 U	0.00665 U	0.0333 U	**0.042 J**	0.0166 U
				15	26.31	0.00292 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00292 U	**0.0197 J**	0.00292 U	0.0292 U	0.0146 U	0.00585 U	0.0292 U	**0.0298 J**	0.0146 U
				20	21.31	0.00293 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00585 U	0.00293 U	0.0293 U	0.00293 U	0.0293 U	0.0146 U	0.00585 U	0.0293 U	0.0293 U	0.0146 U
				25	16.31	0.0031 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0031 U	0.031 U	0.0031 U	0.031 U	0.0155 U	0.0062 U	0.031 U	0.031 U	0.0155 U

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TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
					Protective of Groundwater Vadose Zone[a]	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0242 U	0.0162 U	0.0162 U	0.0727 U	-	0.0162 U	0.0162 U	-	0.0485 U	0.0162 U	0.0485 U	0.0162 U	0.0162 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0281 U	0.0187 U	0.0187 U	0.0844 U	-	0.0187 U	0.0187 U	-	0.0562 U	0.0187 U	0.0562 U	0.0187 U	0.0187 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0244 U	0.0162 U	0.0162 U	0.0731 U	-	0.0162 U	0.0162 U	-	0.0487 U	0.0162 U	0.0487 U	0.0162 U	0.0162 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0206 U	0.0137 U	0.0137 U	0.0617 U	-	0.0137 U	0.0137 U	-	0.0411 U	0.0137 U	0.0411 U	0.0137 U	0.0137 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0198 U	0.0132 U	0.0132 U	0.0593 U	-	0.0132 U	0.0132 U	-	0.0395 U	0.0132 U	0.0395 U	0.0132 U	0.0132 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.0204 U	0.0136 U	0.0136 U	0.0612 U	-	0.0136 U	0.0136 U	-	0.0408 U	0.0136 U	0.0408 U	0.0136 U	0.0136 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0245 U	0.0163 U	0.0163 U	0.0735 U	-	0.0163 U	0.0163 U	-	0.049 U	0.0163 U	0.049 U	0.0163 U	0.0163 U	0.0163 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.0355 U	0.0237 U	0.0237 U	0.106 U	-	0.0237 U	0.0237 U	-	0.071 U	0.0237 U	0.071 U	0.0237 U	0.0237 U	0.0237 U
				22	17.05	0.0186 U	0.0279 U	0.0186 U	0.0186 U	0.0836 U	-	0.0186 U	0.0186 U	-	0.0557 U	0.0186 U	0.0557 U	0.0186 U	0.0186 U	0.0186 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.0386 U	0.0515 U	0.0257 U	0.116 U	-	0.0257 U	0.0257 U	-	0.0772 U	0.0257 U	0.0772 U	0.0257 U	0.0257 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	-	0.00542 U	0.00542 U	0.00271 U	0.00108 U	0.00108 U	0.00108 U
				25	28.95	0.00108 U	-	-	-	-	-	-	-	-	-	-	-	0.00108 U	-	-
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	UND	-	-	-	-	-	-	-	-	-	-	-	UND	-	-
				25 - 27	24.48 to 22.48	UND	-	-	-	-	-	-	-	-	-	-	-	UND	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	UND	-	-	-	-	-	-	-	-	-	-	-	UND	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	0.0133 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	0.0171 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	0.0159 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	0.0148 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	0.0368 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	0.0168 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	0.0162 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15 - 16.5	23.29 to 21.79	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20.5 - 22	17.79 to 16.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15 - 15.5	32.41 to 31.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				22.5 - 23.5	24.91 to 23.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				15 - 16	40.02 to 39.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				22.5 - 23.5	32.52 to 31.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 26	30.02 to 29.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				5 - 6	53.70 to 52.70	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-
				10 - 11	48.70 to 47.70	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-
				25 - 26.8	33.70 to 31.90	0.02 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-
				5 - 6.5	53.44 to 51.94	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	48.44 to 46.94	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-5IB	2/28/2020	N	58.44	15 - 16.5	43.44 to 41.94	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	38.44 to 36.94	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	33.44 to 31.94	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	53.58 to 52.08	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-6D	3/2/2020	N	58.58	10 - 11.5	48.58 to 47.08	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	43.58 to 42.08	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	33.58 to 32.08	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	53.65 to 52.15	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-6IA	3/2/2020	N	58.65	10 - 11.5	48.65 to 47.15	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	43.65 to 42.15	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	38.65 to 37.15	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	53.67 to 52.17	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		10 - 11.5	48.67 to 47.17	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-6IB	3/3/2020	FD	58.67			0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	43.67 to 42.17	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		20 - 21.5	38.67 to 37.17	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	33.67 to 32.17	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	53.69 to 52.19	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	48.69 to 47.19	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-7IB	2/28/2020	N	58.69	15 - 16.5	43.69 to 42.19	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	38.69 to 37.19	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	33.69 to 32.19	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				5 - 6.5	52.97 to 51.47	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-8IB	3/2/2020	N	57.97	10 - 11.5	47.97 to 46.47	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	42.97 to 41.47	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	37.97 to 36.47	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	32.97 to 31.47	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	45.32 to 43.82	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	40.32 to 38.82	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.32 to 33.82	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	30.32 to 28.82	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	45.26 to 43.76	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	40.26 to 38.76	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.26 to 33.76	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	30.26 to 28.76	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				13 - 14.5	42.36 to 40.86	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	40.36 to 38.86	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.36 to 33.86	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	30.36 to 28.86	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				14 - 15.5	41.39 to 39.89	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				17 - 18.5	38.39 to 36.89	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.39 to 33.89	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	30.39 to 28.89	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	38.16 to 36.66	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	33.16 to 31.66	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		20 - 21.5	28.16 to 26.66	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	23.16 to 21.66	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
		N		5 - 6.5	43.21 to 41.71	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-10S	3/3/2020	N	48.21	10 - 11.5	38.21 to 36.71	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		15 - 16.5	33.21 to 31.71	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	28.21 to 26.71	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	23.21 to 21.71	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	29.7 to 28.2	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	24.7 to 23.2	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	19.7 to 18.2	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	14.7 to 13.2	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	31.47 to 29.97	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	26.47 to 24.97	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	21.47 to 19.97	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 11.25	47.21 to 45.96	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.33	42.21 to 40.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.75	37.21 to 36.46	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 26	32.21 to 31.21	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	47.61 to 46.11	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	**0.015**
				15 - 16.5	42.61 to 41.11	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.9	37.61 to 36.71	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 25.8	32.61 to 31.81	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 10.75	48.20 to 47.45	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	43.20 to 41.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 21.5	38.20 to 36.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 11.5	43.81 to 42.31	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	38.81 to 37.31	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 21.25	33.81 to 32.56	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 26.4	28.81 to 27.41	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				5 - 6.5	50.02 to 48.52	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-1	2/27/2020	N	55.02	10 - 11.5	45.02 to 43.52	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	40.02 to 38.52	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.02 to 33.52	0.03 U	-	0.05 U	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-	-
				25 - 26.5	30.02 to 28.52	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	50.45 to 48.95	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	45.45 to 43.95	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-2	2/27/2020	N	55.45	15 - 16.5	40.45 to 38.95	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	35.45 to 33.95	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		25 - 26.5	30.45 to 28.95	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	49.84 to 48.34	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	44.84 to 43.34	0.03 U	-	0.05 U	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-	-
MBB-3	2/27/2020	N	54.84	15 - 16.5	39.84 to 38.34	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	34.84 to 33.34	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	29.84 to 28.34	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		5 - 6.5	49.61 to 48.11	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 12.5	44.61 to 42.11	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-4	2/27/2020	FD	54.61			0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	39.61 to 38.11	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		20 - 23	34.61 to 31.61	0.03 U	-	0.05 U	-	-	-	0.05 U	0.05 U	-	0.5 U	0.05 U	0.5 U	0.05 U	-	-
				25 - 26.5	29.61 to 28.11	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	45.53 to 44.03	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	40.53 to 39.03	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-5	3/2/2020	N	50.53	15 - 16.5	35.53 to 34.03	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	30.53 to 29.03	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	25.53 to 24.03	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				5 - 6.5	45.33 to 43.83	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	40.33 to 38.83	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-6	3/3/2020	N	50.33	15 - 16.5	35.33 to 33.83	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	30.33 to 28.83	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	25.33 to 23.83	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				5 - 6.5	44.41 to 42.91	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-7	2/25/2020	N	49.41	10 - 11.5	39.41 to 37.91	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	34.41 to 32.91	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	29.41 to 27.91	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	24.41 to 22.91	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	39.66 to 38.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	34.66 to 33.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		N		20 - 21.5	29.66 to 28.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	24.66 to 23.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	37.55 to 36.05	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	32.55 to 31.05	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	27.55 to 26.05	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	22.55 to 21.05	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				10 - 11.5	39.66 to 38.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				15 - 16.5	34.66 to 33.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				20 - 21.5	29.66 to 28.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
				25 - 26.5	24.66 to 23.16	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**0.006**	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	**0.59**
				10 - 11.5	43.70 to 42.20	**0.011**	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	**0.16**
				15 - 15.5	38.70 to 38.20	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	**0.0059**
				20 - 20.9	33.70 to 32.80	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 10.75	44.88 to 44.13	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16	39.88 to 38.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 25.9	29.88 to 28.98	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				10 - 10.9	41.33 to 40.43	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.4	36.33 to 34.93	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.75	31.33 to 30.58	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				5 - 5.8	46.68 to 45.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-19	9/1/2020	N	51.68	10 - 11	41.68 to 40.68	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 15.4	36.68 to 36.28	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.8	31.68 to 30.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				5 - 6.5	42.53 to 41.03	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-20	9/2/2020	N	47.53	10 - 11.5	37.53 to 36.03	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.33	32.53 to 31.2	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.5	27.53 to 27.03	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				5 - 5.8	42.60 to 41.80	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-21	9/2/2020	N	47.60	10 - 11.5	37.60 to 36.10	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 15.9	32.60 to 31.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 20.9	27.60 to 26.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				5 - 6	37.05 to 36.05	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-22	9/21/2020	N	42.05	15 - 16.25	27.05 to 25.8	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 21.3	22.05 to 20.75	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 26.3	17.05 to 15.75	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				5 - 6.2	42.18 to 40.98	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	10 - 11.1	37.18 to 36.08	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.25	32.18 to 30.93	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 21.3	27.18 to 25.88	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 26	22.18 to 21.18	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				5 - 6.5	49.10 to 47.60	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	10 - 11.4	44.10 to 42.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				15 - 16.5	39.10 to 37.60	0.003 U	0.005 U	0.005 U	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				20 - 21	34.10 to 33.10	0.003 U	0.005 U	0.005 U	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				25 - 25.8	29.10 to 28.30	0.003 U	0.005 U	0.005 U	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				4 - 5	35.95 to 34.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-1	3/6/2019	N	39.95	12.5 - 13.5	27.45 to 26.45	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17 - 18	22.95 to 21.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				23.5 - 25	16.45 to 14.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 11.5	36.11 to 34.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 26.5	21.11 to 19.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				7 - 8	40.77 to 39.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-3	3/7/2019	N	47.77	9 - 10	38.77 to 37.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12 - 13	35.77 to 34.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	23.77 to 22.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				7 - 8	40.30 to 39.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-4	3/6/2019	N	47.30	9 - 10	38.30 to 37.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12 - 13	35.30 to 34.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	23.30 to 22.30	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 11	39.87 to 38.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-5	3/11/2019	N	49.87	15 - 16.5	34.87 to 33.37	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20 - 21	29.87 to 28.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 10.7	42.5 to 41.8	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-6	3/14/2019	N	52.50	15 - 15.7	37.5 to 36.8	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20 - 20.75	32.5 to 31.75	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 11.5	37.08 to 35.58	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-8	3/15/2019	N	47.08	15 - 16.5	32.08 to 30.58	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 26	22.08 to 21.08	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 10.5	46.84 to 46.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-9	3/13/2019	N	56.84	15 - 15.8	41.84 to 41.04	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20 - 21.25	36.84 to 35.59	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 25.5	31.84 to 31.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 10.9	45.25 to 44.35	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-10	3/13/2019	N	55.25	15 - 16.2	40.25 to 39.05	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20 - 21.25	35.25 to 34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 25.7	30.25 to 29.55	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10 - 11	47.55 to 46.55	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				5 - 5.75	49 to 48.25	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-12	3/15/2019	N	54.00	20 - 21	34 to 33	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25 - 25.5	29 to 28.5	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				5 - 6.5	49.72 to 48.22	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				7.5 - 8.75	47.22 to 45.97	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-13	3/14/2019	N	54.72	10 - 11.5	44.72 to 43.22	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5 - 14	42.22 to 40.72	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15 - 15.8	39.72 to 38.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20 - 20.6	34.72 to 34.12	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
				9 - 10	37.09 to 36.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-14	3/6/2019	N	46.09	13.5 - 15	32.59 to 31.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				18 - 20	28.09 to 26.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15 - 16.4	37.14 to 35.74	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	21.28 to 20.28	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				19 - 20	25.46 to 24.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				19 - 20	26.89 to 25.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	21.89 to 20.89	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				9 - 10	39.34 to 38.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				14 - 15	34.34 to 33.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				16 - 17	32.34 to 31.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17 - 18	31.34 to 30.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				14 - 15	31.92 to 30.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				16.5 - 18	29.42 to 27.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				19 - 20	26.92 to 25.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	21.92 to 20.92	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				9 - 10	43.26 to 42.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12 - 13	40.26 to 39.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				14 - 15	38.26 to 37.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17 - 18	35.26 to 34.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				19 - 20	33.26 to 32.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				24 - 25	28.26 to 27.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				14 - 15	35.77 to 34.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				22 - 23	27.77 to 26.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				14 - 15	43.52 to 42.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				21 - 22.5	36.52 to 35.02	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Vadose Zone[a]						**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**	**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001
~~MW-105~~	~~8/6/2012~~	~~N~~	~~45.59~~	10	35.59	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				20	25.59	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				20	32.90	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				25	17.43	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				20	34.50	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				20	17.66	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00114 U	-	0.0057 U	0.0057 U	0.00285 U	0.00114 U	0.00114 U	0.00114 U
				25	25.32	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	**0.000278 J**	0.00108 U	0.00108 U	-	0.00542 U	0.00542 U	0.00271 U	**0.00199**	0.00108 U	0.00108 U
MW-147	4/2/2018	N	52.49	10	42.49	**0.000566 J**	0.00109 U	0.00109 U	0.00109 U	0.00543 U	**0.000653 J**	0.00109 U	0.00109 U	0.00543 U	0.00543 U	0.00543 U	0.00271 U	0.00109 U	0.00109 U	0.00109 U
				20	32.49	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0054 U	**0.0014**	0.00108 U	0.00108 U	0.0054 U	0.0054 U	0.0054 U	0.0027 U	0.00108 U	0.00108 U	0.00108 U
MW-148	4/9/2018	N	44.29	11	33.29	**0.000728 J**	0.00115 U	0.00115 U	0.00115 U	0.00577 U	**0.0013**	0.00115 U	0.00115 U	0.00577 U	0.00577 U	0.00577 U	0.00288 U	0.00115 U	0.00115 U	0.00115 U
				20	24.29	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00542 U	**0.000247 J**	0.00108 U	0.00108 U	0.00542 U	0.00542 U	0.00542 U	0.00271 U	0.00108 U	0.00108 U	0.00108 U
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00567 U	0.00113 U	0.00113 U	0.00113 U	0.00567 U	0.00567 U	0.00567 U	0.00284 U	0.00113 U	0.00113 U	0.00113 U
				20	34.84	0.00109 U	0.00109 U	0.00109 U	0.00109 UJ	0.00547 U	0.00109 U	0.00109 U	0.00109 U	0.00547 U	0.00547 U	0.00547 U	0.00274 U	0.00109 U	0.00109 U	0.00109 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00108 U	0.0135 U	0.00271 U	0.0271 U	0.0135 U	0.0135 U	0.00541 U	0.00271 U	0.00541 U	0.00541 U	0.00271 U	0.0135 U	0.00271 U	0.00271 U	0.00541 U
				10	39.73	0.00113 U	0.0141 U	0.00283 U	0.0283 U	0.0141 U	0.0141 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0141 U	0.00283 U	0.00283 U	0.00566 U
				15	34.73	0.00112 U	0.0141 U	0.00281 U	0.0281 U	0.0141 U	0.0141 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.0141 U	0.00281 U	0.00281 U	0.00562 U
				20	29.73	0.00108 U	0.0135 U	0.0027 U	0.027 U	0.0135 U	0.0135 U	0.00539 U	0.0027 U	0.00539 U	0.00539 U	0.0027 U	0.0135 U	0.0027 U	0.0027 U	0.00539 U
				25	24.73	0.00113 U	0.0142 U	0.00284 U	0.0284 U	0.0142 U	0.0142 U	0.00567 U	0.00284 U	0.00567 U	0.00567 U	0.00284 U	0.0142 U	**0.00142 J**	0.00284 U	0.00567 U
MW-326	9/9/2019	N	41.31	5	36.31	**0.00274**	0.0138 U	0.00275 U	0.0275 U	0.0138 U	0.0138 U	0.00551 U	0.00275 U	0.00551 U	0.00551 U	0.00275 U	0.0138 U	0.00275 U	0.00275 U	0.00551 U
				10	31.31	0.00133 U	0.0166 U	0.00333 U	0.0333 U	0.0166 U	0.0166 U	0.00665 U	0.00333 U	0.00665 U	0.00665 U	0.00333 U	0.0166 U	0.00333 U	0.00333 U	0.00665 U
				15	26.31	0.00117 U	0.0146 U	0.00292 U	0.0292 U	0.0146 U	0.0146 U	0.00585 U	0.00292 U	0.00585 U	0.00585 U	0.00292 U	0.0146 U	0.00292 U	0.00292 U	0.00585 U
				20	21.31	0.00117 U	0.0146 U	0.00293 U	0.0293 U	0.0146 U	0.0146 U	0.00585 U	0.00293 U	0.00585 U	0.00585 U	0.00293 U	0.0146 U	0.00293 U	0.00293 U	0.00585 U
				25	16.31	0.00124 U	0.0155 U	0.0031 U	0.031 U	0.0155 U	0.0155 U	0.0062 U	0.0031 U	0.0062 U	0.0062 U	0.0031 U	0.0155 U	0.0031 U	0.0031 U	0.0062 U

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TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
					Protective of Groundwater Vadose Zone[a]	**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0242 U	0.0323 U	0.0485 U	-	0.0242 U	0.0808 U	-	-	0.0646 U	-	0.0162 U	0.0404 U	0.0162 U	0.0242 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0281 U	0.0375 U	0.0562 U	-	0.0281 U	0.0937 U	-	-	0.075 U	-	0.0187 U	0.0469 U	0.0187 U	0.0281 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0244 U	0.0325 U	0.0487 U	-	0.0244 U	0.0812 U	-	-	0.065 U	-	0.0162 U	0.0406 U	0.0162 U	0.0244 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0206 U	0.0274 U	0.0411 U	-	0.0206 U	0.0685 U	-	-	0.0548 U	-	0.0137 U	0.0343 U	0.0137 U	0.0206 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0198 U	0.0263 U	0.0395 U	-	0.0198 U	0.0658 U	-	-	0.0527 U	-	0.0132 U	0.0329 U	0.0132 U	0.0198 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0204 U	0.0272 U	0.0408 U	-	0.0204 U	0.0681 U	-	-	0.0544 U	-	0.0136 U	0.034 U	0.0136 U	0.0204 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0245 U	0.0327 U	0.049 U	-	0.0245 U	0.0817 U	-	-	0.0654 U	-	0.0163 U	0.0409 U	0.0163 U	0.0245 U	0.0163 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0355 U	0.0473 U	0.071 U	-	0.0355 U	0.118 U	-	-	0.0946 U	-	0.0237 U	0.0591 U	0.0237 U	0.0355 U	0.0237 U
				22	17.05	0.0279 U	0.0371 U	0.0557 U	-	0.0279 U	0.0928 U	-	-	0.0743 U	-	0.0186 U	0.0464 U	0.0186 U	0.0279 U	0.0186 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0386 U	0.0515 U	0.0772 U	-	0.0386 U	0.129 U	-	-	0.103 U	-	0.0257 U	0.0643 U	0.0257 U	0.0386 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	-	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	-	-	-	-	-	-	-	-	-
				25	28.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	UND	-	-	-	-	-	-	-	-	-	-
				25 - 27	24.48 to 22.48	-	-	-	-	UND	-	-	-	-	-	-	-	-	-	-
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	UND	-	-	-	-	-	-	-	-	-	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	0.0199 U	-	-	-	-	-	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	0.0257 U	-	-	-	-	-	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	0.0238 U	-	-	-	-	-	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	0.0221 U	-	-	-	-	-	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	0.0552 U	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	0.0252 U	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	0.0243 U	-	-	-	-	-	-	-	-	-	-
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				15 - 16	40.02 to 39.02	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				5 - 6	53.70 to 52.70	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.02 UJ	0.05 UJ	0.05 UJ	-	0.05 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ	-	0.1 UJ	0.02 UJ	0.05 UJ	0.05 UJ
				5 - 6.5	53.44 to 51.94	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	48.44 to 46.94	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-5IB	2/28/2020	N	58.44	15 - 16.5	43.44 to 41.94	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	38.44 to 36.94	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	33.44 to 31.94	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	53.58 to 52.08	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-6D	3/2/2020	N	58.58	10 - 11.5	48.58 to 47.08	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	43.58 to 42.08	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	33.58 to 32.08	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.028 UJ	-	-
				5 - 6.5	53.65 to 52.15	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-6IA	3/2/2020	N	58.65	10 - 11.5	48.65 to 47.15	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	43.65 to 42.15	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	38.65 to 37.15	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	53.67 to 52.17	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		10 - 11.5	48.67 to 47.17	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-6IB	3/3/2020	FD	58.67			0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	43.67 to 42.17	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		20 - 21.5	38.67 to 37.17	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	33.67 to 32.17	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	53.69 to 52.19	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	48.69 to 47.19	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-7IB	2/28/2020	N	58.69	15 - 16.5	43.69 to 42.19	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	38.69 to 37.19	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.024 U	-	-
				25 - 26.5	33.69 to 32.19	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds													
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5 - 6.5	52.97 to 51.47	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.024 UJ	-	-
HMW-8IB	3/2/2020	N	57.97	10 - 11.5	47.97 to 46.47	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	42.97 to 41.47	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.037 UJ	-	-
				20 - 21.5	37.97 to 36.47	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	32.97 to 31.47	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.024 UJ	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	50.32 to 48.82	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-9D	2/27/2020	N	55.32	10 - 11.5	45.32 to 43.82	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.027 U	-	-
				15 - 16.5	40.32 to 38.82	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	35.32 to 33.82	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	30.32 to 28.82	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.022 U	-	-
				5 - 6.5	50.26 to 48.76	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-9IA	2/28/2020	N	55.26	10 - 11.5	45.26 to 43.76	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	40.26 to 38.76	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	35.26 to 33.76	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	30.26 to 28.76	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	50.36 to 48.86	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-9IB	2/28/2020	N	55.36	13 - 14.5	42.36 to 40.86	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	40.36 to 38.86	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.032 U	-	-
				20 - 21.5	35.36 to 33.86	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	30.36 to 28.86	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.032 U	-	-
				5 - 6.5	50.39 to 48.89	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-9S	3/2/2020	N	55.39	14 - 15.5	41.39 to 39.89	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				17 - 18.5	38.39 to 36.89	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	35.39 to 33.89	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	30.39 to 28.89	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	43.16 to 41.66	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		10 - 11.5	38.16 to 36.66	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-10D	3/5/2020		48.16	15 - 16.5	33.16 to 31.66	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.03 U	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.024 U	-	-
		N		20 - 21.5	28.16 to 26.66	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	23.16 to 21.66	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	38.21 to 36.71	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		15 - 16.5	33.21 to 31.71	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	28.21 to 26.71	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	23.21 to 21.71	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	29.7 to 28.2	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	24.7 to 23.2	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.21 U	-	-
				20 - 21.5	19.7 to 18.2	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	14.7 to 13.2	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 U	-	-
				10 - 11.5	31.47 to 29.97	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	26.47 to 24.97	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	21.47 to 19.97	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0149 UJ	0.005 U	-
				10 - 11.25	47.21 to 45.96	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0081 UJ	0.005 U	-
				15 - 16.33	42.21 to 40.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 20.75	37.21 to 36.46	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0204 UJ	0.005 U	-
				25 - 26	32.21 to 31.21	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0117 UJ	0.005 U	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				10 - 11.5	47.61 to 46.11	0.005 U	0.005 U	0.05 U	-	**0.0059**	0.025 U	0.025 U	-	**0.0079**	-	0.01 U	0.005 U	0.0183 UJ	0.005 U	-
				15 - 16.5	42.61 to 41.11	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0161 UJ	0.005 U	-
				20 - 20.9	37.61 to 36.71	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				25 - 25.8	32.61 to 31.81	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0261 UJ	0.005 U	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.025 UJ	0.005 U	-
				10 - 10.75	48.20 to 47.45	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.011 UJ	0.005 U	-
				15 - 16.5	43.20 to 41.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.017 UJ	0.005 U	-
				20 - 21.5	38.20 to 36.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.023 UJ	0.005 U	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				10 - 11.5	43.81 to 42.31	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0092 UJ	0.005 U	-
				15 - 16.5	38.81 to 37.31	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 21.25	33.81 to 32.56	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.01 UJ	0.005 U	-
				25 - 26.4	28.81 to 27.41	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0096 UJ	0.005 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5 - 6.5	50.02 to 48.52	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-1	2/27/2020	N	55.02	10 - 11.5	45.02 to 43.52	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.023 U	-	-
				15 - 16.5	40.02 to 38.52	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	35.02 to 33.52	0.05 U	-	-	-	**0.72**	0.25 UJ	-	-	-	-	**0.21**	-	0.5 UJ	-	-
				25 - 26.5	30.02 to 28.52	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	45.45 to 43.95	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	40.45 to 38.95	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	35.45 to 33.95	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		25 - 26.5	30.45 to 28.95	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.024 UJ	-	-
				10 - 11.5	44.84 to 43.34	0.05 U	-	-	-	**0.82**	0.25 UJ	-	-	-	-	**2.5**	-	0.5 UJ	-	-
				15 - 16.5	39.84 to 38.34	0.005 U	-	-	-	0.005 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	34.84 to 33.34	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	29.84 to 28.34	0.005 U	-	-	-	**0.021**	0.025 UJ	-	-	-	-	**0.03**	-	0.02 UJ	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 12.5	44.61 to 42.11	0.005 U	-	-	-	**0.0052 J**	0.025 UJ	-	-	-	-	**0.011**	-	0.02 UJ	-	-
		FD				0.005 U	-	-	-	**0.025**	0.025 UJ	-	-	-	-	**0.035**	-	0.02 UJ	-	-
		N		15 - 16.5	39.61 to 38.11	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 23	34.61 to 31.61	0.05 U	-	-	-	**0.15**	0.25 UJ	-	-	-	-	**0.51**	-	0.5 UJ	-	-
				25 - 26.5	29.61 to 28.11	0.005 U	-	-	-	**0.006**	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	40.53 to 39.03	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	35.53 to 34.03	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	30.53 to 29.03	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	25.53 to 24.03	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.021 UJ	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				10 - 11.5	40.33 to 38.83	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	35.33 to 33.83	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	30.33 to 28.83	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	25.33 to 23.83	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5 - 6.5	44.41 to 42.91	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 U	-	-
MBB-7	2/25/2020	N	49.41	10 - 11.5	39.41 to 37.91	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.021 U	-	-
				15 - 16.5	34.41 to 32.91	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.025 U	-	-
				20 - 21.5	29.41 to 27.91	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	24.41 to 22.91	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.036 U	-	-
				7 - 7.5	42.66 to 42.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		10 - 11.5	39.66 to 38.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-8	2/26/2020		49.66	15 - 16.5	34.66 to 33.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.03 UJ	-	-
		FD				0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		N		20 - 21.5	29.66 to 28.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	24.66 to 23.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5.5 - 7	42.05 to 40.55	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-9	2/26/2020	N	47.55	10 - 11.5	37.55 to 36.05	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	32.55 to 31.05	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	27.55 to 26.05	0.005 U	-	-	-	0.02 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	22.55 to 21.05	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 6.5	44.66 to 43.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
MBB-10	2/26/2020	N	49.66	10 - 11.5	39.66 to 38.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15 - 16.5	34.66 to 33.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20 - 21.5	29.66 to 28.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25 - 26.5	24.66 to 23.16	0.005 U	-	-	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5 - 5.5	48.70 to 48.20	**0.0081**	0.005 U	0.05 U	-	**0.91**	0.025 U	0.25 U	-	**0.55**	-	**0.16**	0.005 U	0.0432 U	**1.9**	-
MBB-16	9/2/2020	N	53.70	10 - 11.5	43.70 to 42.20	0.005 U	0.005 U	0.05 U	-	**0.13**	0.025 U	0.25 U	-	**0.075**	-	**0.13**	0.005 U	0.0318 U	**0.22**	-
				15 - 15.5	38.70 to 38.20	0.005 U	0.005 U	0.05 U	-	**0.014**	0.025 U	0.025 U	-	**0.0062**	-	0.01 U	0.005 U	0.0388 UJ	**0.024**	-
				20 - 20.9	33.70 to 32.80	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0488 UJ	**0.0057**	-
				5 - 6	49.88 to 48.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBB-17	9/1/2020	N	54.88	10 - 10.75	44.88 to 44.13	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				15 - 16	39.88 to 38.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				25 - 25.9	29.88 to 28.98	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				5 - 6.5	46.33 to 44.83	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	**0.0062**	-
MBB-18	9/1/2020	N	51.33	10 - 10.9	41.33 to 40.43	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.12 U	0.005 U	-
				15 - 16.4	36.33 to 34.93	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 20.75	31.33 to 30.58	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds													
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5 - 5.8	46.68 to 45.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBB-19	9/1/2020	N	51.68	10 - 11	41.68 to 40.68	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				15 - 15.4	36.68 to 36.28	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0215 UJ	0.005 U	-
				20 - 20.8	31.68 to 30.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0215 UJ	0.005 U	-
				5 - 6.5	42.53 to 41.03	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.067 U	0.005 U	-
MBB-20	9/2/2020	N	47.53	10 - 11.5	37.53 to 36.03	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.12 U	0.005 U	-
				15 - 16.33	32.53 to 31.2	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.096 U	0.005 U	-
				20 - 20.5	27.53 to 27.03	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				5 - 5.8	42.60 to 41.80	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.057 U	0.005 U	-
MBB-21	9/2/2020	N	47.60	10 - 11.5	37.60 to 36.10	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.084 U	0.005 U	-
				15 - 15.9	32.60 to 31.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.08 U	0.005 U	-
				20 - 20.9	27.60 to 26.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.062 U	0.005 U	-
				5 - 6	37.05 to 36.05	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBB-22	9/21/2020	N	42.05	15 - 16.25	27.05 to 25.8	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 21.3	22.05 to 20.75	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				25 - 26.3	17.05 to 15.75	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.067 UJ	0.005 U	-
				5 - 6.2	42.18 to 40.98	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0096 UJ	0.005 U	-
MBB-23	9/21/2020	N	47.18	10 - 11.1	37.18 to 36.08	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.013 UJ	**0.019**	-
				15 - 16.25	32.18 to 30.93	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 21.3	27.18 to 25.88	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.029 UJ	0.005 U	-
				25 - 26	22.18 to 21.18	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				5 - 6.5	49.10 to 47.60	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.03 UJ	0.005 U	-
MBB-24	9/9/2020	N	54.10	10 - 11.4	44.10 to 42.70	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.011 UJ	0.005 U	-
				15 - 16.5	39.10 to 37.60	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				20 - 21	34.10 to 33.10	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				25 - 25.8	29.10 to 28.30	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
				4 - 5	35.95 to 34.95	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-1	3/6/2019	N	39.95	12.5 - 13.5	27.45 to 26.45	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 11.5	36.11 to 34.61	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				7 - 8	40.77 to 39.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	9 - 10	38.77 to 37.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				7 - 8	40.30 to 39.30	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	9 - 10	38.30 to 37.30	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 11	39.87 to 38.87	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	15 - 16.5	34.87 to 33.37	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 10.7	42.5 to 41.8	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	15 - 15.7	37.5 to 36.8	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 11.5	37.08 to 35.58	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-8	3/15/2019	N	47.08	15 - 16.5	32.08 to 30.58	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 10.5	46.84 to 46.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	15 - 15.8	41.84 to 41.04	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 10.9	45.25 to 44.35	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	15 - 16.2	40.25 to 39.05	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 21	34 to 33	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				5 - 6.5	49.72 to 48.22	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	0.02 U	0.05 U	0.05 U	-	**0.17 J**	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	**0.055 J**
MBGW-13	3/14/2019	N	54.72	10 - 11.5	44.72 to 43.22	0.02 U	0.05 U	0.05 U	-	**3.9**	0.05 U	-	-	**0.97**	**0.97**	-	0.1 U	0.02 U	0.05 U	**2.2**
				12.5 - 14	42.22 to 40.72	0.02 U	0.05 U	0.05 U	-	**0.5 J**	0.05 U	-	-	**0.085 J**	**0.103 J**	-	0.1 U	0.02 U	0.05 U	**0.23 J**
				15 - 15.8	39.72 to 38.92	0.02 U	0.05 U	0.05 U	-	**0.11**	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	0.02 U	0.05 U	0.05 U	-	**0.06 J**	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				9 - 10	37.09 to 36.09	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	13.5 - 15	32.59 to 31.09	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						**0.028**	NA	NA	NA	**5.9**	NA	**69**	NA	NA	NA	NA	**0.1**	**0.021**	**4.5**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
~~MW-105~~	~~8/6/2012~~	~~N~~	~~45.59~~	10	35.59	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	25.59	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	32.90	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				25	17.43	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	34.50	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	17.66	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-140	8/30/2017	N	50.32	15	35.32	-	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00114 U	0.0114 U	0.0114 U	0.00114 U	-	-	0.00114 U	0.0057 U	0.0057 U	0.00114 U
				25	25.32	-	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	**0.000406 J**	0.0108 U	0.00108 U	-	-	0.00108 U	0.00542 U	0.00542 U	0.00108 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-	-	0.00109 U	0.00543 U	0.00543 U	0.00109 U
				20	32.49	0.00108 U	0.00108 U	0.0054 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-	-	0.00108 U	0.0054 U	0.0054 U	0.00108 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	0.00115 U	0.00577 U	0.00115 U	0.00115 U	0.00115 U	**0.00937 J**	0.0115 U	0.00115 U	-	-	0.00115 U	0.00577 U	0.00577 U	0.00115 U
				20	24.29	0.00108 U	0.00108 U	0.00542 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-	-	0.00108 U	0.00542 U	0.00542 U	0.00108 U
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	0.00113 U	0.00567 U	0.00113 UJ	0.00113 U	0.00113 U	0.0113 U	0.0113 U	0.00113 U	-	-	0.00113 U	0.00567 U	0.00567 U	0.00113 U
				20	34.84	0.00109 U	0.00109 U	0.00547 U	0.00109 UJ	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-	-	0.00109 U	0.00547 U	0.00547 U	0.00109 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00271 U	0.00541 U	0.00271 U	0.00108 U	0.00271 U	0.0271 U	**0.00567**	0.0135 U	0.00271 U	-	-	0.00108 U	0.0271 U	0.0135 U	0.0135 U
				10	39.73	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00978**	0.0141 U	0.00283 U	-	-	0.00113 U	0.0283 U	0.0141 U	0.0141 U
				15	34.73	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	**0.00364 J**	0.0141 U	0.00281 U	-	-	0.00112 U	0.0281 U	0.0141 U	0.0141 U
				20	29.73	0.0027 U	0.00539 U	0.0027 U	0.00108 U	0.0027 U	0.027 U	**0.004 J**	0.0135 U	0.0027 U	-	-	0.00108 U	0.027 U	0.0135 U	0.0135 U
				25	24.73	0.00284 U	0.00567 U	0.00284 U	0.00113 U	0.00284 U	0.0284 U	**0.00626**	0.0142 U	0.00284 U	-	-	0.00113 U	0.0284 U	0.0142 U	0.0142 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00275 U	0.00551 U	0.00275 U	0.0011 U	**0.00213 J**	0.0275 U	**0.00634**	0.0138 U	0.00275 U	-	-	0.0011 U	**0.00943 J**	**0.00452 J**	0.0138 U
				10	31.31	0.00333 U	0.00665 U	0.00333 U	0.00133 U	0.00333 U	0.0333 U	**0.00462 J**	0.0166 U	0.00333 U	-	-	0.00133 U	**0.0129 J**	0.0166 U	0.0166 U
				15	26.31	0.00292 U	0.00585 U	0.00292 U	0.00117 U	0.00292 U	0.0292 U	**0.00338 J**	0.0146 U	0.00292 U	-	-	0.00117 U	**0.00875 J**	0.0146 U	0.0146 U
				20	21.31	0.00293 U	0.00585 U	0.00293 U	0.00117 U	0.00293 U	0.0293 U	0.00585 U	0.0146 U	0.00293 U	-	-	0.00117 U	0.0293 U	0.0146 U	0.0146 U
				25	16.31	0.0031 U	0.0062 U	0.0031 U	0.00124 U	0.0031 U	0.031 U	**0.00347 J**	0.0155 U	0.0031 U	-	-	0.00124 U	**0.0105 J**	0.0155 U	0.0155 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
21417-MB1	5/12/2017	N	55.43	9	46.43	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0242 U	-	0.0162 U	0.0404 U	-	-	0.00162 U	0.0162 U
21417-MB2	5/12/2017	N	54.72	10	44.72	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0187 U	0.0281 U	-	0.0187 U	0.0469 U	-	-	0.00187 U	0.0187 U
21417-MB3	5/12/2017	N	58.63	20	38.63	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0244 U	-	0.0162 U	0.0406 U	-	-	0.00162 U	0.0162 U
21417-MB4	5/12/2017	N	57.24	24	33.24	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0137 U	0.0206 U	-	0.0137 U	0.0343 U	-	-	0.00137 U	0.0137 U
21417-MB5	5/12/2017	N	51.91	9	42.91	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0198 U	-	0.0132 U	0.0329 U	-	-	0.00132 U	0.0132 U
21417-MB6	5/11/2017	N	48.22	9	39.22	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0136 U	0.0204 U	-	0.0136 U	0.034 U	-	-	0.00136 U	0.0136 U
21417-MB7	5/11/2017	N	47.38	11	36.38	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0163 U	0.0245 U	-	0.0163 U	0.0409 U	-	-	0.00163 U	0.0163 U
21417-MB9	5/11/2017	N	39.05	13	26.05	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0237 U	0.0355 U	-	0.0237 U	0.0591 U	-	-	0.00237 U	0.0237 U
				22	17.05	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0186 U	0.0279 U	-	0.0186 U	0.0464 U	-	-	0.00186 U	0.0186 U
21417-MB11	5/11/2017	N	39.04	23	16.04	0.0257 U	0.0257 U	0.0257 U	0.0257 U	0.0257 U	**0.0348**	0.0257 U	0.0386 U	-	0.0257 U	0.0643 U	-	-	0.00257 U	0.0257 U
B-215	9/12/2017	N	53.95	15	38.95	-	-	-	-	0.000299 U	0.000471 U	0.000286 U	-	-	0.000303 U	-	-	-	0.000316 U	0.000757 U
				25	28.95	-	-	-	-	**0.0048**	0.000464 U	0.000283 U	-	-	0.000299 U	-	-	-	0.000311 U	0.000747 U
BB-5	9/3/1997	N	49.48	15 - 17	34.48 to 32.48	-	-	-	-	UND	UND	UND	-	-	UND	-	-	-	UND	UND
				25 - 27	24.48 to 22.48	-	-	-	-	UND	UND	UND	-	-	UND	-	-	-	UND	UND
BB-8	6/6/1997	N	43.72	20 - 22	23.72 to 21.72	-	-	-	-	UND	UND	UND	-	-	UND	-	-	-	UND	UND
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	0.0133 U	-	-	-	-	-	-	-	-	0.0133 U
				7 - 11	51.53 to 47.53	-	-	-	-	-	0.0171 U	-	-	-	-	-	-	-	-	0.0171 U
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	0.0159 U	-	-	-	-	-	-	-	-	0.0159 U
				7 - 12	51.33 to 46.33	-	-	-	-	-	0.0148 U	-	-	-	-	-	-	-	-	0.0148 U
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	0.0368 U	-	-	-	-	-	-	-	-	0.0368 U
				7 - 14	51.00 to 44.00	-	-	-	-	-	0.0168 U	-	-	-	-	-	-	-	-	0.0168 U
				14 - 19	44.00 to 39.00	-	-	-	-	-	0.0162 U	-	-	-	-	-	-	-	-	0.0162 U
HMW-1IB	3/12/2019	N	38.29	7.5 - 9	30.79 to 29.29	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.5	23.29 to 21.79	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20.5 - 22	17.79 to 16.29	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 15.5	32.41 to 31.91	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	24.91 to 23.91	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				15 - 16	40.02 to 39.02	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-3IA	3/15/2019	N	55.02	20 - 21	35.02 to 34.02	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22.5 - 23.5	32.52 to 31.52	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	30.02 to 29.02	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				5 - 6	53.70 to 52.70	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
HMW-4IA	3/7/2019	N	58.70	7.5 - 8.7	51.20 to 50.00	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				10 - 11	48.70 to 47.70	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				25 - 26.8	33.70 to 31.90	0.05 UJ	-	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ	-	0.02 UJ	0.05 UJ	-	-	0.05 UJ	0.05 UJ
				5 - 6.5	53.44 to 51.94	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.44 to 46.94	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-5IB	2/28/2020	N	58.44	15 - 16.5	43.44 to 41.94	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.44 to 36.94	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.44 to 31.94	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	53.58 to 52.08	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6D	3/2/2020	N	58.58	10 - 11.5	48.58 to 47.08	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.58 to 42.08	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.58 to 32.08	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	53.65 to 52.15	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6IA	3/2/2020	N	58.65	10 - 11.5	48.65 to 47.15	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.65 to 42.15	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.65 to 37.15	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		5 - 6.5	53.67 to 52.17	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.67 to 47.17	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6IB	3/3/2020	FD	58.67			-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.67 to 42.17	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	38.67 to 37.17	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.67 to 32.17	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	53.69 to 52.19	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	48.69 to 47.19	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-7IB	2/28/2020	N	58.69	15 - 16.5	43.69 to 42.19	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.69 to 37.19	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	33.69 to 32.19	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				5 - 6.5	52.97 to 51.47	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-8IB	3/2/2020	N	57.97	10 - 11.5	47.97 to 46.47	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	42.97 to 41.47	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	37.97 to 36.47	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	32.97 to 31.47	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.32 to 43.82	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.32 to 38.82	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.32 to 33.82	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.32 to 28.82	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	45.26 to 43.76	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.26 to 38.76	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.26 to 33.76	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.26 to 28.76	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				13 - 14.5	42.36 to 40.86	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.36 to 38.86	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.36 to 33.86	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.36 to 28.86	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				14 - 15.5	41.39 to 39.89	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				17 - 18.5	38.39 to 36.89	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.39 to 33.89	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	30.39 to 28.89	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	38.16 to 36.66	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	33.16 to 31.66	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	28.16 to 26.66	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	23.16 to 21.66	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	38.21 to 36.71	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		15 - 16.5	33.21 to 31.71	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	28.21 to 26.71	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	23.21 to 21.71	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	29.7 to 28.2	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	24.7 to 23.2	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	19.7 to 18.2	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	14.7 to 13.2	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	31.47 to 29.97	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	26.47 to 24.97	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	21.47 to 19.97	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.25	47.21 to 45.96	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.33	42.21 to 40.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.75	37.21 to 36.46	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26	32.21 to 31.21	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	47.61 to 46.11	**0.0077**	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	42.61 to 41.11	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	37.61 to 36.71	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.8	32.61 to 31.81	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.75	48.20 to 47.45	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	43.20 to 41.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	38.20 to 36.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	43.81 to 42.31	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	38.81 to 37.31	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.25	33.81 to 32.56	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.4	28.81 to 27.41	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				5 - 6.5	50.02 to 48.52	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-1	2/27/2020	N	55.02	10 - 11.5	45.02 to 43.52	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.02 to 38.52	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.02 to 33.52	-	**0.13**	-	-	0.025 U	0.05 U	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**0.34**
				25 - 26.5	30.02 to 28.52	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	50.45 to 48.95	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-2	2/27/2020	N	55.45	10 - 11.5	45.45 to 43.95	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	40.45 to 38.95	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	35.45 to 33.95	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		25 - 26.5	30.45 to 28.95	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	49.84 to 48.34	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-3	2/27/2020	N	54.84	10 - 11.5	44.84 to 43.34	-	**0.5**	-	-	0.025 U	**0.093**	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**3**
				15 - 16.5	39.84 to 38.34	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	34.84 to 33.34	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	29.84 to 28.34	-	**0.015**	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.045**
				5 - 6.5	49.61 to 48.11	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		10 - 12.5	44.61 to 42.11	-	**0.0072**	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.0183**
MBB-4	2/27/2020	FD	54.61			-	**0.015**	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	**0.05**
				15 - 16.5	39.61 to 38.11	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 23	34.61 to 31.61	-	**0.18**	-	-	0.025 U	0.05 U	0.05 U	-	-	0.02 U	0.5 U	-	-	0.05 U	**0.69**
				25 - 26.5	29.61 to 28.11	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	45.53 to 44.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-5	3/2/2020	N	50.53	10 - 11.5	40.53 to 39.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	35.53 to 34.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	30.53 to 29.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	25.53 to 24.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	45.33 to 43.83	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-6	3/3/2020	N	50.33	10 - 11.5	40.33 to 38.83	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	35.33 to 33.83	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	30.33 to 28.83	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	25.33 to 23.83	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				5 - 6.5	44.41 to 42.91	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-7	2/25/2020	N	49.41	10 - 11.5	39.41 to 37.91	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	34.41 to 32.91	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	29.41 to 27.91	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	24.41 to 22.91	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD		15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
						-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		N		20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 11.5	37.55 to 36.05	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	32.55 to 31.05	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.5	27.55 to 26.05	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.5	22.55 to 21.05	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				10 - 11.5	39.66 to 38.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				15 - 16.5	34.66 to 33.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				20 - 21.5	29.66 to 28.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
				25 - 26.5	24.66 to 23.16	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.06 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**1.2**	**0.1**	0.005 U	**0.018**	0.025 U	**0.018**	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.26**
				10 - 11.5	43.70 to 42.20	**0.17**	0.05 U	0.005 U	0.005 U	0.025 U	**0.032**	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.13**
				15 - 15.5	38.70 to 38.20	**0.01**	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	33.70 to 32.80	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.75	44.88 to 44.13	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16	39.88 to 38.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.9	29.88 to 28.98	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10 - 10.9	41.33 to 40.43	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.4	36.33 to 34.93	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.75	31.33 to 30.58	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				5 - 5.8	46.68 to 45.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-19	9/1/2020	N	51.68	10 - 11	41.68 to 40.68	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 15.4	36.68 to 36.28	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.8	31.68 to 30.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	42.53 to 41.03	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-20	9/2/2020	N	47.53	10 - 11.5	37.53 to 36.03	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.33	32.53 to 31.2	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.5	27.53 to 27.03	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 5.8	42.60 to 41.80	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-21	9/2/2020	N	47.60	10 - 11.5	37.60 to 36.10	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 15.9	32.60 to 31.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 20.9	27.60 to 26.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6	37.05 to 36.05	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-22	9/21/2020	N	42.05	15 - 16.25	27.05 to 25.8	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.3	22.05 to 20.75	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26.3	17.05 to 15.75	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.2	42.18 to 40.98	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-23	9/21/2020	N	47.18	10 - 11.1	37.18 to 36.08	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.25	32.18 to 30.93	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21.3	27.18 to 25.88	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 26	22.18 to 21.18	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				5 - 6.5	49.10 to 47.60	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-24	9/9/2020	N	54.10	10 - 11.4	44.10 to 42.70	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15 - 16.5	39.10 to 37.60	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20 - 21	34.10 to 33.10	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25 - 25.8	29.10 to 28.30	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				4 - 5	35.95 to 34.95	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-1	3/6/2019	N	39.95	12.5 - 13.5	27.45 to 26.45	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	22.95 to 21.95	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				23.5 - 25	16.45 to 14.95	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11.5	36.11 to 34.61	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26.5	21.11 to 19.61	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				7 - 8	40.77 to 39.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	9 - 10	38.77 to 37.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.77 to 34.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.77 to 22.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				7 - 8	40.30 to 39.30	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-4	3/6/2019	N	47.30	9 - 10	38.30 to 37.30	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	35.30 to 34.30	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	23.30 to 22.30	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11	39.87 to 38.87	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	15 - 16.5	34.87 to 33.37	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21	29.87 to 28.87	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 10.7	42.5 to 41.8	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-6	3/14/2019	N	52.50	15 - 15.7	37.5 to 36.8	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.75	32.5 to 31.75	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11.5	37.08 to 35.58	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-8	3/15/2019	N	47.08	15 - 16.5	32.08 to 30.58	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 26	22.08 to 21.08	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 10.5	46.84 to 46.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	15 - 15.8	41.84 to 41.04	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	36.84 to 35.59	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	31.84 to 31.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 10.9	45.25 to 44.35	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	15 - 16.2	40.25 to 39.05	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 21.25	35.25 to 34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.7	30.25 to 29.55	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10 - 11	47.55 to 46.55	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				5 - 5.75	49 to 48.25	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	20 - 21	34 to 33	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25 - 25.5	29 to 28.5	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				5 - 6.5	49.72 to 48.22	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				7.5 - 8.75	47.22 to 45.97	**0.1 J**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.19 J**
MBGW-13	3/14/2019	N	54.72	10 - 11.5	44.72 to 43.22	**3**	-	0.05 U	0.05 U	0.05 U	**0.14**	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**7**
				12.5 - 14	42.22 to 40.72	**0.25 J**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.63 J**
				15 - 15.8	39.72 to 38.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20 - 20.6	34.72 to 34.12	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
				9 - 10	37.09 to 36.09	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	13.5 - 15	32.59 to 31.09	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				18 - 20	28.09 to 26.09	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	10 - 10.8	42.14 to 41.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15 - 16.4	37.14 to 35.74	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-1	3/5/2019	N	45.28	19 - 20	26.28 to 25.28	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.28 to 20.28	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	25.46 to 24.46	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-3	3/6/2019	N	45.89	9 - 10	36.89 to 35.89	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.89 to 25.89	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.89 to 20.89	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-4	3/7/2019	N	48.34	2 - 3	46.34 to 45.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	39.34 to 38.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	34.34 to 33.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				16 - 17	32.34 to 31.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	31.34 to 30.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-5	3/7/2019	N	45.92	8 - 10	37.92 to 35.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	31.92 to 30.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				16.5 - 18	29.42 to 27.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	26.92 to 25.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	21.92 to 20.92	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	7 - 8	45.26 to 44.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				9 - 10	43.26 to 42.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12 - 13	40.26 to 39.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	38.26 to 37.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17 - 18	35.26 to 34.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				19 - 20	33.26 to 32.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				24 - 25	28.26 to 27.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	35.77 to 34.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				22 - 23	27.77 to 26.77	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	9 - 10	48.52 to 47.52	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				14 - 15	43.52 to 42.52	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				21 - 22.5	36.52 to 35.02	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005
~~MW-105~~	~~8/6/2012~~	~~N~~	~~45.59~~	10	35.59	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	25.59	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-106	8/14/2012	N	52.90	10	42.90	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	32.90	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-114	12/10/2012	N	42.43	15	27.43	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				25	17.43	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	37.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-118	3/21/2013	N	54.50	10	44.50	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	34.50	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-119	3/21/2013	N	37.66	10	27.66	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				20	17.66	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-140	8/30/2017	N	50.32	15	35.32	0.00114 U	-	0.00114 U	0.00114 U	0.00114 U	0.0057 U	0.00114 U	0.00114 U	0.00285 U	0.00114 U	0.0057 U	0.00114 U	0.0114 U	0.00114 U	0.00342 U
				25	25.32	0.00108 U	-	0.00108 U	0.00108 U	**0.147**	0.00542 U	0.00108 U	0.00108 U	0.00271 U	**0.0107**	0.00542 U	0.00108 U	0.0108 U	0.000316 U	0.00325 U
MW-147	4/2/2018	N	52.49	10	42.49	0.00109 U	-	0.00109 U	0.00109 U	**0.000697 J**	0.00543 U	0.00109 U	0.00109 U	0.00271 U	0.00109 U	0.00543 U	0.00109 U	0.0109 U	0.00109 U	0.00326 U
				20	32.49	0.00108 U	-	0.00108 U	0.00108 U	**0.000759 J**	0.0054 U	0.00108 U	0.00108 U	0.0027 U	0.00108 U	0.0054 U	0.00108 U	0.0108 U	0.00108 U	0.00324 U
MW-148	4/9/2018	N	44.29	11	33.29	0.00115 U	-	0.00115 U	0.00115 U	0.00115 U	0.00577 U	0.00115 U	0.00115 U	0.00288 U	0.00115 U	0.00577 U	0.00115 U	0.0115 U	0.00115 U	0.00346 U
				20	24.29	0.00108 U	-	0.00108 U	0.00108 U	**0.00188**	0.00542 U	0.00108 U	0.00108 U	0.00271 U	0.00108 U	0.00542 U	0.00108 U	0.0108 U	0.00108 U	0.00325 U
MW-153	3/27/2018	N	54.84	10	44.84	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00567 U	0.00113 U	0.00113 U	0.00284 UJ	0.00113 U	0.00567 U	0.00113 U	0.0113 UJ	0.00113 U	0.0034 U
				20	34.84	0.00109 U	-	0.00109 U	0.00109 U	**0.000561 J**	0.00547 U	0.00109 U	0.00109 U	0.00274 UJ	0.00109 U	0.00547 U	0.00109 U	0.0109 UJ	0.00109 U	0.00328 U
MW-316	9/9/2019	N	49.73	5	44.73	0.00541 U	-	0.0135 U	0.00541 U	0.00271 U	**0.0078**	0.00541 U	0.00541 U	0.00541 U	0.00108 U	0.00271 U	0.00271 U	0.0135 U	0.00271 U	0.00704 U
				10	39.73	0.00566 U	-	0.0141 U	0.00566 U	0.00283 U	**0.0197**	0.00566 U	0.00566 U	0.00566 U	0.00113 U	**0.00346**	0.00283 U	0.0141 U	0.00283 U	0.00735 U
				15	34.73	0.00562 U	-	0.0141 U	0.00562 U	0.00281 U	**0.00457 J**	0.00562 U	0.00562 U	0.00562 U	0.00112 U	**0.00179 J**	0.00281 U	0.0141 U	0.00281 U	0.00731 U
				20	29.73	0.00539 U	-	0.0135 U	0.00539 U	**0.00305**	**0.00535 J**	0.00539 U	0.00539 U	0.00539 U	0.00108 U	**0.00182 J**	0.0027 U	0.0135 U	0.0027 U	0.00701 U
				25	24.73	0.00567 U	-	0.0142 U	0.00567 U	0.00284 U	**0.00791**	0.00567 U	0.00567 U	0.00567 U	0.00113 U	**0.0019 J**	0.00284 U	0.0142 U	0.00284 U	0.00737 U
MW-326	9/9/2019	N	41.31	5	36.31	0.00551 U	-	0.0138 U	0.00551 U	0.00275 U	**0.00961**	0.00551 U	0.00551 U	0.00551 U	0.0011 U	**0.00358**	0.00275 U	0.0138 U	0.00275 U	**0.00846**
				10	31.31	0.00665 U	-	0.0166 U	0.00665 U	0.00333 U	**0.00821**	0.00665 U	0.00665 U	0.00665 U	0.00133 U	**0.00306 J**	0.00333 U	0.0166 U	0.00333 U	0.00865 U
				15	26.31	0.00585 U	-	0.0146 U	0.00585 U	0.00292 U	**0.00821**	0.00585 U	0.00585 U	0.00585 U	0.00117 U	0.00292 U	0.00292 U	0.0146 U	0.00292 U	0.0076 U
				20	21.31	0.00585 U	-	0.0146 U	0.00585 U	0.00293 U	**0.00613**	0.00585 U	0.00585 U	0.00585 U	0.00117 U	**0.00261 J**	0.00293 U	0.0146 U	0.00293 U	0.00761 U
				25	16.31	0.0062 U	-	0.0155 U	0.0062 U	0.0031 U	**0.00595 J**	0.0062 U	0.0062 U	0.0062 U	0.00124 U	**0.00253 J**	0.0031 U	0.0155 U	0.0031 U	0.00807 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA	**33**	**0.0017**	**14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	0.0015	0.005

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

UND = Not detected, detection limit not indicated.

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TABLE 7-3d
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Polychlorinated Biphenyls									
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total PCB Aroclors
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	**1**
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.25	47.21 to 45.96	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.33	42.21 to 40.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.75	37.21 to 36.46	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26	32.21 to 31.21	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	47.61 to 46.11	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	42.61 to 41.11	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	37.61 to 36.71	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 25.8	32.61 to 31.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.75	48.20 to 47.45	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	43.20 to 41.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.5	38.20 to 36.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	43.81 to 42.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	38.81 to 37.31	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.25	33.81 to 32.56	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26.4	28.81 to 27.41	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	43.70 to 42.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 15.5	38.70 to 38.20	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	33.70 to 32.80	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.75	44.88 to 44.13	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16	39.88 to 38.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.022**	0.02 U	0.02 U	0.02 U	**0.022**
				25 - 25.9	29.88 to 28.98	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 10.9	41.33 to 40.43	0.02 U	0.02 U	0.02 U	**0.022**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.022**
				15 - 16.4	36.33 to 34.93	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.75	31.33 to 30.58	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11	41.68 to 40.68	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	**0.026**	0.02 U	0.02 U	0.02 U	**0.026**
				15 - 15.4	36.68 to 36.28	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.8	31.68 to 30.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Polychlorinated Biphenyls									
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total PCB Aroclors
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	**1**
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	37.53 to 36.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.33	32.53 to 31.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.5	27.53 to 27.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.5	37.60 to 36.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 15.9	32.60 to 31.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 20.9	27.60 to 26.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.25	27.05 to 25.8	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.3	22.05 to 20.75	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26.3	17.05 to 15.75	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.1	37.18 to 36.08	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.25	32.18 to 30.93	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21.3	27.18 to 25.88	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 26	22.18 to 21.18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				10 - 11.4	44.10 to 42.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				15 - 16.5	39.10 to 37.60	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				20 - 21	34.10 to 33.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				25 - 25.8	29.10 to 28.30	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PCB = Polychlorinated biphenyl.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

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TABLE 7-3e
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
21417-MB1	5/12/2017	N	55.43	9	46.43	**4.78**	-	0.192 U	**41.2**	-	**2.43**	0.293 U	-	-	-	-
21417-MB4	5/12/2017	N	57.24	24	33.24	**6.94**	**68.9**	**0.192**	**35.8**	-	**40.2**	0.298 U	-	**1.26**	0.093 U	-
21417-MB6	5/11/2017	N	48.22	9	39.22	**3.1**	**43.3**	0.168 U	**29.1**	-	**9.18**	0.265 U	-	**1.3**	0.0839 U	-
21417-MB9	5/11/2017	N	39.05	13	26.05	**4.24**	**45.5**	**0.428**	**31.4**	-	**19.3**	0.291 U	-	**1.39**	0.0979 U	-
				22	17.05	**5.01**	**105**	0.199 U	**39.1**	**26.3**	**279**	**0.453**	**37.3**	**1.26**	0.0996 U	**62.2**
21417-MB11	5/11/2017	N	39.04	23	16.04	**4.18**	**101**	0.204 U	**39.5**	-	**7.73**	0.325 U	-	**1.76**	0.102 U	-
GP-7	5/12/2012	N	58.53	0 - 7	58.53 to 51.53	-	-	-	-	-	**4.19**	-	-	-	-	-
				7 - 11	51.53 to 47.53	-	-	-	-	-	**1.56**	-	-	-	-	-
GP-8	5/14/2012	N	58.33	0 - 7	58.33 to 51.33	-	-	-	-	-	**2.85**	-	-	-	-	-
				7 - 12	51.33 to 46.33	-	-	-	-	-	**2.31**	-	-	-	-	-
GP-9	5/14/2012	N	58.00	0 - 7	58.00 to 51.00	-	-	-	-	-	**2.85**	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	**2.64**	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	**1.8**	-	-	-	-	-
HMW-2IB	3/12/2019	N	47.41	7.5 - 9	39.91 to 38.41	11 U	**72**	0.56 U	**33**	-	**10**	0.28 U	-	11 U	0.56 U	-
HMW-3IA	3/15/2019	N	55.02	22.5 - 23.5	32.52 to 31.52	12 U	**50**	0.59 U	**39**	-	5.9 U	0.29 U	-	12 U	1.2 U	-
HMW-5IB	2/28/2020	N	58.44	5 - 6.5	53.44 to 51.94	**1.55**	-	1 U	**12.2**	-	**1.11**	1 U	-	-	-	-
				10 - 11.5	48.44 to 46.94	**1.31**	-	1 U	**16**	-	**1.18**	1 U	-	-	-	-
				15 - 16.5	43.44 to 41.94	**1.26**	-	1 U	**16.9**	-	**1.06**	1 U	-	-	-	-
				20 - 21.5	38.44 to 36.94	**1.03**	-	1 U	**12.5**	-	**1.11**	1 U	-	-	-	-
				25 - 26.5	33.44 to 31.94	1 U	-	1 U	**11.3**	-	1 U	1 U	-	-	-	-
HMW-6D	3/2/2020	N	58.58	5 - 6.5	53.58 to 52.08	**16.4**	-	1 U	**17.8**	-	**21.8**	1 U	-	-	-	-
				10 - 11.5	48.58 to 47.08	**21.8**	-	1 U	**20.2**	-	**23.6**	1 U	-	-	-	-
				15 - 16.5	43.58 to 42.08	**24.4**	-	1 U	**21.3**	-	**21.3**	1 U	-	-	-	-
				25 - 26.5	33.58 to 32.08	**18**	-	1 U	**26.4**	-	**16**	1 U	-	-	-	-
HMW-6IA	3/2/2020	N	58.65	5 - 6.5	53.65 to 52.15	**15.6**	-	1 U	**18.1**	-	**20.1**	1 U	-	-	-	-
				10 - 11.5	48.65 to 47.15	**13.6**	-	1 U	**19.2**	-	**16.5**	1 U	-	-	-	-
				15 - 16.5	43.65 to 42.15	**18.6**	-	1 U	**16**	-	**20.5**	1 U	-	-	-	-
				20 - 21.5	38.65 to 37.15	**18.3**	-	1 U	**30.2**	-	**13.4**	1 U	-	-	-	-
HMW-6IB	3/3/2020	N	58.67	5 - 6.5	53.67 to 52.17	**13.4**	-	1 U	**17.8**	-	**18.2**	1 U	-	-	-	-
				10 - 11.5	48.67 to 47.17	**15.9**	-	1 U	**20.6 J**	-	**26.3 J**	1 U	-	-	-	-
		FD				**14.9**	-	1 U	**29.3 J**	-	**16.1 J**	1 U	-	-	-	-
		N		15 - 16.5	43.67 to 42.17	**22.2**	-	1 U	**19.6**	-	**19**	1 U	-	-	-	-
				20 - 21.5	38.67 to 37.17	**25.6**	-	1 U	**20.5**	-	**18**	1 U	-	-	-	-
				25 - 26.5	33.67 to 32.17	**2.23**	-	1 U	**20.3**	-	**2.08**	1 U	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
HMW-7IB	2/28/2020	N	58.69	5 - 6.5	53.69 to 52.19	**15.3**	-	1 U	**22.4**	-	**17.4**	1 U	-	-	-	-
				10 - 11.5	48.69 to 47.19	**13.8**	-	1 U	**18.4**	-	**25.2**	1 U	-	-	-	-
				15 - 16.5	43.69 to 42.19	**19.9**	-	1 U	**18.3**	-	**18.2**	1 U	-	-	-	-
				20 - 21.5	38.69 to 37.19	**25.6**	-	1 U	**19.1**	-	**18.4**	1 U	-	-	-	-
				25 - 26.5	33.69 to 32.19	**8.13**	-	1 U	**18.9 J**	-	**6.75**	1 U	-	-	-	-
		FD				**8.49**	-	1 U	**25.9 J**	-	**7.93**	1 U	-	-	-	-
HMW-8IB	3/2/2020	N	57.97	5 - 6.5	52.97 to 51.47	**21.4**	-	1 U	**20.8**	-	**24.8**	1 U	-	-	-	-
				10 - 11.5	47.97 to 46.47	**19.5**	-	1 U	**18.3**	-	**19.1**	1 U	-	-	-	-
				15 - 16.5	42.97 to 41.47	**17.1**	-	1 U	**19.3**	-	**19.4**	1 U	-	-	-	-
				20 - 21.5	37.97 to 36.47	**4.86**	-	1 U	**14.9**	-	**5**	1 U	-	-	-	-
				25 - 26.5	32.97 to 31.47	**1.12**	-	1 U	**15.1**	-	**1.38**	1 U	-	-	-	-
		FD				**1.06**	-	1 U	**17.9**	-	**1.49**	1 U	-	-	-	-
HMW-9D	2/27/2020	N	55.32	5 - 6.5	50.32 to 48.82	**1.78**	-	1 U	**13.6**	-	**2.8**	1 U	-	-	-	-
				10 - 11.5	45.32 to 43.82	**1.38**	-	1 U	**12.4**	-	**2.17**	1 U	-	-	-	-
				15 - 16.5	40.32 to 38.82	**15.3**	-	1 U	**18.2**	-	**10.9**	1 U	-	-	-	-
				20 - 21.5	35.32 to 33.82	**2.55**	-	1 U	**16**	-	**2.59**	1 U	-	-	-	-
				25 - 26.5	30.32 to 28.82	**1.46**	-	1 U	**12.3**	-	**1.25**	1 U	-	-	-	-
HMW-9IA	2/28/2020	N	55.26	5 - 6.5	50.26 to 48.76	**1.07**	-	1 U	**15**	-	**1.27**	1 U	-	-	-	-
				10 - 11.5	45.26 to 43.76	**1.41**	-	1 U	**11.3**	-	**2.52**	1 U	-	-	-	-
				15 - 16.5	40.26 to 38.76	**6.62**	-	1 U	**16.9**	-	**14.1**	1 U	-	-	-	-
				20 - 21.5	35.26 to 33.76	**1.74**	-	1 U	**13.2**	-	**1.32**	1 U	-	-	-	-
				25 - 26.5	30.26 to 28.76	**1.23**	-	1 U	**13.1**	-	**1.2**	1 U	-	-	-	-
HMW-9IB	2/28/2020	N	55.36	5 - 6.5	50.36 to 48.86	**7.75**	-	1 U	**17.3**	-	**7.89**	1 U	-	-	-	-
				13 - 14.5	42.36 to 40.86	**1.64**	-	1 U	**10.9**	-	**1.9**	1 U	-	-	-	-
				15 - 16.5	40.36 to 38.86	**17.8**	-	1 U	**18.5**	-	**11.3**	1 U	-	-	-	-
				20 - 21.5	35.36 to 33.86	**1.6**	-	1 U	**13.6**	-	**1.29**	1 U	-	-	-	-
				25 - 26.5	30.36 to 28.86	**1.26**	-	1 U	**14.5**	-	**1.39**	1 U	-	-	-	-
HMW-9S	3/2/2020	N	55.39	5 - 6.5	50.39 to 48.89	**2.64**	-	1 U	**15.8**	-	**5.91**	1 U	-	-	-	-
				14 - 15.5	41.39 to 39.89	**14.5**	-	1 U	**19.2**	-	**14.5**	1 U	-	-	-	-
				17 - 18.5	38.39 to 36.89	**17.7**	-	1 U	**14.3**	-	**17.3**	1 U	-	-	-	-
				20 - 21.5	35.39 to 33.89	**1.3**	-	1 U	**11.3**	-	**1.17**	1 U	-	-	-	-
				25 - 26.5	30.39 to 28.89	**1.36**	-	1 U	**13.9**	-	**1.52**	1 U	-	-	-	-
HMW-10D	3/5/2020	N	48.16	5 - 6.5	43.16 to 41.66	**1.76**	-	1 U	**15.2**	-	**1.4**	1 U	-	-	-	-
				10 - 11.5	38.16 to 36.66	**1.78**	-	1 U	**14.1**	-	**1.38**	1 U	-	-	-	-
				15 - 16.5	33.16 to 31.66	**1.87**	-	1 U	**15.4**	-	**1.62**	1 U	-	-	-	-
		FD				**1.81**	-	1 U	**17.4**	-	**1.64**	1 U	-	-	-	-
		N		20 - 21.5	28.16 to 26.66	**1.31**	-	1 U	**15**	-	**1.48**	1 U	-	-	-	-
				25 - 26.5	23.16 to 21.66	**1.8**	-	1 U	**20.7**	-	**1.95**	1 U	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
HMW-10S	3/3/2020	N	48.21	5 - 6.5	43.21 to 41.71	**1.83**	-	1 U	**17.8**	-	**1.27**	1 U	-	-	-	-
				10 - 11.5	38.21 to 36.71	**1.51**	-	1 U	**13.6**	-	**1.45**	1 U	-	-	-	-
		FD					-	1 U	**15**	-	**1.41**	1 U	-	-	-	-
		N		15 - 16.5	33.21 to 31.71	**1.51**	-	1 U	**16**	-	**1.38**	1 U	-	-	-	-
				20 - 21.5	28.21 to 26.71	**1.32**	-	1 U	**17.3**	-	**1.55**	1 U	-	-	-	-
				25 - 26.5	23.21 to 21.71	**1.57**	-	1 U	**18**	-	**1.16**	1 U	-	-	-	-
HMW-11IB	2/24/2020	N	39.70	5 - 6.5	34.7 to 33.2	**2.14**	-	1 U	**23.1**	-	**28.7**	1 U	-	-	-	-
				10 - 11.5	29.7 to 28.2	**1.43**	-	1 U	**22.8**	-	**2.73**	1 U	-	-	-	-
				15 - 16.5	24.7 to 23.2	**3.44**	-	1 U	**14.5**	-	**65**	1 U	-	-	-	-
				20 - 21.5	19.7 to 18.2	**2.69**	-	1 U	**31.8**	-	**2.11**	1 U	-	-	-	-
				25 - 26.5	14.7 to 13.2	1 U	-	1 U	**18.8**	-	**1.23**	1 U	-	-	-	-
HMW-11S	2/25/2020	N	41.47	5 - 6.5	36.47 to 34.97	**2**	-	1 U	**23**	-	**14.4**	1 U	-	-	-	-
				10 - 11.5	31.47 to 29.97	**1.86**	-	1 U	**18.5**	-	**11**	1 U	-	-	-	-
				15 - 16.5	26.47 to 24.97	**1.27**	-	1 U	**17.8**	-	**1.39**	1 U	-	-	-	-
				20 - 21.5	21.47 to 19.97	**1.72**	-	1 U	**19.2**	-	**6.65**	1 U	-	-	-	-
HMW-17S	9/3/2020	N	57.21	5 - 6.25	52.21 to 50.96	**2.93**	-	1 U	**24.1**	-	**4.65**	1 U	-	-	-	-
				10 - 11.25	47.21 to 45.96	**1.5**	-	1 U	**13.2**	-	**2.18**	1 U	-	-	-	-
				15 - 16.33	42.21 to 40.88	**1.45**	-	1 U	**15.4**	-	**1.6**	1 U	-	-	-	-
				20 - 20.75	37.21 to 36.46	**1.48**	-	1 U	**16.6**	-	**1.53**	1 U	-	-	-	-
				25 - 26	32.21 to 31.21	1 U	-	1 U	**15.8**	-	**1.23**	1 U	-	-	-	-
HMW-18S	9/3/2020	N	57.61	5 - 5.8	52.61 to 51.81	**1.19**	-	1 U	**11.1**	-	**1.36**	1 U	-	-	-	-
				10 - 11.5	47.61 to 46.11	**2.9**	-	1 U	**25.8**	-	**3.15**	1 U	-	-	-	-
				15 - 16.5	42.61 to 41.11	**3.01**	-	1 U	**19.2**	-	**2.43**	1 U	-	-	-	-
				20 - 20.9	37.61 to 36.71	**1.39**	-	1 U	**12**	-	**1.22**	1 U	-	-	-	-
				25 - 25.8	32.61 to 31.81	**1.09**	-	1 U	**13.9**	-	**1.23**	1 U	-	-	-	-
HMW-19S	9/8/2020	N	58.20	5 - 5.5	53.20 to 52.70	**2.16**	-	1 U	**26.2**	-	**2.33**	1 U	-	-	-	-
				10 - 10.75	48.20 to 47.45	**1.24**	-	1 U	**14**	-	**1.27**	1 U	-	-	-	-
				15 - 16.5	43.20 to 41.70	**3.02**	-	1 U	**30.7**	-	**3.29**	1 U	-	-	-	-
				20 - 21.5	38.20 to 36.70	**2.17**	-	1 U	**31.5**	-	**2.22**	1 U	-	-	-	-
HMW-20S	9/8/2020	N	53.81	5 - 5.5	48.81 to 48.31	**1.57**	-	1 U	**12.6**	-	**1.88**	1 U	-	-	-	-
				10 - 11.5	43.81 to 42.31	**1.36**	-	1 U	**9.22**	-	**4.47**	1 U	-	-	-	-
				15 - 16.5	38.81 to 37.31	**1.55**	-	1 U	**13.5**	-	**1.62**	1 U	-	-	-	-
				20 - 21.25	33.81 to 32.56	**1.77**	-	1 U	**15.6**	-	**1.66**	1 U	-	-	-	-
				25 - 26.4	28.81 to 27.41	**1.9**	-	1 U	**29.1**	-	**2.68**	1 U	-	-	-	-
MBB-1	2/27/2020	N	55.02	5 - 6.5	50.02 to 48.52	**2.38**	-	1 U	**36.7**	-	**4.94**	1 U	-	-	-	-
				10 - 11.5	45.02 to 43.52	**2.69**	-	1 U	**15.8**	-	**1.27**	1 U	-	-	-	-
				15 - 16.5	40.02 to 38.52	**1.29**	-	1 U	**14.1**	-	**1.31**	1 U	-	-	-	-
				20 - 21.5	35.02 to 33.52	**1.23**	-	1 U	**11.7**	-	**1.29**	1 U	-	-	-	-
				25 - 26.5	30.02 to 28.52	**1.56**	-	1 U	**15.6**	-	**1.38**	1 U	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
MBB-2	2/27/2020	N	55.45	5 - 6.5	50.45 to 48.95	**4.5**	-	1 U	**45.9**	-	**4.09**	1 U	-	-	-	-
				10 - 11.5	45.45 to 43.95	**1.53**	-	1 U	**11.2**	-	**1.11**	1 U	-	-	-	-
				15 - 16.5	40.45 to 38.95	**1.27**	-	1 U	**12.2**	-	**1.54**	1 U	-	-	-	-
				20 - 21.5	35.45 to 33.95	**1.21**	-	1 U	**11.7**	-	**1.12**	1 U	-	-	-	-
		FD				**1.29**	-	1 U	**10.7**	-	**1.15**	1 U	-	-	-	-
		N		25 - 26.5	30.45 to 28.95	1 U	-	1 U	**12**	-	**1.12**	1 U	-	-	-	-
MBB-3	2/27/2020	N	54.84	5 - 6.5	49.84 to 48.34	**3.27**	-	1 U	**34.8**	-	**2.88**	1 U	-	-	-	-
				10 - 11.5	44.84 to 43.34	**1.65**	-	1 U	**13.6**	-	**2.3**	1 U	-	-	-	-
				15 - 16.5	39.84 to 38.34	1 U	-	1 U	**12.1**	-	**1.07**	1 U	-	-	-	-
				20 - 21.5	34.84 to 33.34	**2.74**	-	1 U	**9.91**	-	**1.04**	1 U	-	-	-	-
				25 - 26.5	29.84 to 28.34	**1.52**	-	1 U	**15.1**	-	**1.69**	1 U	-	-	-	-
MBB-4	2/27/2020	N	54.61	5 - 6.5	49.61 to 48.11	**2.44**	-	1 U	**28.2**	-	**5.37**	1 U	-	-	-	-
				10 - 12.5	44.61 to 42.11	**1.39**	-	1 U	**12.3**	-	**1.15**	1 U	-	-	-	-
		FD				**1.28**	-	1 U	**14.4**	-	**1.18**	1 U	-	-	-	-
		N		15 - 16.5	39.61 to 38.11	**1.16**	-	1 U	**12.9**	-	**1.15**	1 U	-	-	-	-
				20 - 23	34.61 to 31.61	**1.44**	-	1 U	**13.2**	-	**3.42**	1 U	-	-	-	-
				25 - 26.5	29.61 to 28.11	**1.47**	-	1 U	**14.5**	-	**1.51**	1 U	-	-	-	-
MBB-5	3/2/2020	N	50.53	5 - 6.5	45.53 to 44.03	**23.2**	-	1 U	**20.1**	-	**17.6**	1 U	-	-	-	-
				10 - 11.5	40.53 to 39.03	**6.56**	-	1 U	**17.7**	-	**591**	1 U	-	-	-	-
				15 - 16.5	35.53 to 34.03	**1.81**	-	1 U	**14.8**	-	**1.57**	1 U	-	-	-	-
				20 - 21.5	30.53 to 29.03	**1.34**	-	1 U	**12.6**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	25.53 to 24.03	**1.51**	-	1 U	**15.2**	-	**1.29**	1 U	-	-	-	-
MBB-6	3/3/2020	N	50.33	5 - 6.5	45.33 to 43.83	**21.2**	-	1 U	**22.7**	-	**20**	1 U	-	-	-	-
				10 - 11.5	40.33 to 38.83	**9.18**	-	1 U	**44.8**	-	**14.8**	1 U	-	-	-	-
				15 - 16.5	35.33 to 33.83	**1.84**	-	1 U	**17.8**	-	**1.4**	1 U	-	-	-	-
				20 - 21.5	30.33 to 28.83	**2.08**	-	1 U	**16.9**	-	**1.61**	1 U	-	-	-	-
				25 - 26.5	25.33 to 23.83	**1.6**	-	1 U	**15.8**	-	**1.44**	1 U	-	-	-	-
MBB-7	2/25/2020	N	49.41	5 - 6.5	44.41 to 42.91	**2.74**	-	1 U	**21.1**	-	**9.26**	1 U	-	-	-	-
				10 - 11.5	39.41 to 37.91	**1.37**	-	1 U	**15.4**	-	**2.14**	1 U	-	-	-	-
				15 - 16.5	34.41 to 32.91	**1.43**	-	1 U	**15.9**	-	**1.46**	1 U	-	-	-	-
				20 - 21.5	29.41 to 27.91	1 U	-	1 U	**16.4**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	24.41 to 22.91	**1.12**	-	1 U	**17.4**	-	**1.43**	1 U	-	-	-	-
MBB-8	2/26/2020	N	49.66	7 - 7.5	42.66 to 42.16	**21.9**	-	1 U	**18.2**	-	**12.5**	1 U	-	-	-	-
				10 - 11.5	39.66 to 38.16	**1.75**	-	1 U	**13.2**	-	**1.22**	1 U	-	-	-	-
				15 - 16.5	34.66 to 33.16	**1.7**	-	1 U	**19.2 J**	-	**1.26**	1 U	-	-	-	-
		FD				**1.6**	-	1 U	**15.3 J**	-	**1.23**	1 U	-	-	-	-
		N		20 - 21.5	29.66 to 28.16	**1.6**	-	1 U	**14.3**	-	**1.3**	1 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	**1.13**	-	1 U	**16.3**	-	**1.31**	1 U	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
MBB-9	2/26/2020	N	47.55	5.5 - 7	42.05 to 40.55	**9.58**	-	1 U	**16.7**	-	**13.4**	1 U	-	-	-	-
				10 - 11.5	37.55 to 36.05	**1.94**	-	1 U	**18.8**	-	**2.11**	1 U	-	-	-	-
				15 - 16.5	32.55 to 31.05	**1.72**	-	1 U	**14.7**	-	**1.22**	1 U	-	-	-	-
				20 - 21.5	27.55 to 26.05	**1.7**	-	1 U	**18.1**	-	**1.24**	1 U	-	-	-	-
				25 - 26.5	22.55 to 21.05	**1.27**	-	1 U	**17.3**	-	**1.31**	1 U	-	-	-	-
MBB-10	2/26/2020	N	49.66	5 - 6.5	44.66 to 43.16	**1.76**	-	1 U	**17.3**	-	**1.72**	1 U	-	-	-	-
				10 - 11.5	39.66 to 38.16	**2.32**	-	1 U	**25.5**	-	**1.89**	1 U	-	-	-	-
				15 - 16.5	34.66 to 33.16	**1.65**	-	1 U	**17.1**	-	**1.46**	1 U	-	-	-	-
				20 - 21.5	29.66 to 28.16	**1.4**	-	1 U	**15**	-	**1.19**	1 U	-	-	-	-
				25 - 26.5	24.66 to 23.16	**1.51**	-	1 U	**20.8**	-	**1.57**	1 U	-	-	-	-
MBB-11	3/4/2020	N	46.42	15 - 16.5	31.42 to 29.92	-	-	-	-	-	**5.52**	-	-	-	-	-
				20 - 21.5	26.42 to 24.92	-	-	-	-	-	**5.51**	-	-	-	-	-
				25 - 26.5	21.42 to 19.92	-	-	-	-	-	**15.4**	-	-	-	-	-
MBB-12	3/4/2020	N	33.69	15 - 16.5	18.69 to 17.19	-	-	-	-	-	**3.23**	-	-	-	-	-
				20 - 21.5	13.69 to 12.19	-	-	-	-	-	**9**	-	-	-	-	-
				25 - 26.5	8.69 to 7.19	-	-	-	-	-	**1.56**	-	-	-	-	-
MBB-13	3/4/2020	N	35.98	15 - 16.5	20.98 to 19.48	-	-	-	-	-	**7.71**	-	-	-	-	-
				20 - 21.5	15.98 to 14.48	-	-	-	-	-	**9.54**	-	-	-	-	-
				25 - 26.5	10.98 to 9.48	-	-	-	-	-	**1.55**	-	-	-	-	-
		FD				-	-	-	-	-	**1.51**	-	-	-	-	-
MBB-16	9/2/2020	N	53.70	5 - 5.5	48.70 to 48.20	**2.62**	-	1 U	**28.4**	-	**7.58**	1 U	-	-	-	-
				10 - 11.5	43.70 to 42.20	**1.56**	-	1 U	**18.3**	-	**1.89**	1 U	-	-	-	-
				15 - 15.5	38.70 to 38.20	**1.74**	-	1 U	**24.8**	-	**1.3**	1 U	-	-	-	-
				20 - 20.9	33.70 to 32.80	**1.42**	-	1 U	**13.7**	-	**1.17**	1 U	-	-	-	-
MBB-17	9/1/2020	N	54.88	5 - 6	49.88 to 48.88	**1.71**	-	1 U	**23.6**	-	**2.67**	1 U	-	-	-	-
				10 - 10.75	44.88 to 44.13	**1.75**	-	1 U	**15**	-	**4.42**	1 U	-	-	-	-
				15 - 16	39.88 to 38.88	**3.91**	-	1 U	**17.5**	-	**7.13**	1 U	-	-	-	-
				25 - 25.9	29.88 to 28.98	**1.97**	-	1 U	**17.7**	-	**1.75**	1 U	-	-	-	-
MBB-18	9/1/2020	N	51.33	5 - 6.5	46.33 to 44.83	**14.2**	-	1 U	**25.5**	-	**13.5**	1 U	-	-	-	-
				10 - 10.9	41.33 to 40.43	**6.2**	-	1 U	**14.4**	-	**6.61**	1 U	-	-	-	-
				15 - 16.4	36.33 to 34.93	**1.13**	-	1 U	**12.3**	-	**1.02**	1 U	-	-	-	-
				20 - 20.75	31.33 to 30.58	**1.61**	-	1 U	**16.2**	-	**1.69**	1 U	-	-	-	-
MBB-19	9/1/2020	N	51.68	5 - 5.8	46.68 to 45.88	**3.16**	-	1 U	**19.2**	-	**4.27**	1 U	-	-	-	-
				10 - 11	41.68 to 40.68	**4.47**	-	1 U	**15.4**	-	**55.6**	1 U	-	-	-	-
				15 - 15.4	36.68 to 36.28	**2.01**	-	1 U	**20.8**	-	**1.75**	1 U	-	-	-	-
				20 - 20.8	31.68 to 30.88	**1.7**	-	1 U	**13.5**	-	**1.13**	1 U	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
MBB-20	9/2/2020	N	47.53	5 - 6.5	42.53 to 41.03	**2.67**	-	1 U	**16.6**	-	**2.02**	1 U	-	-	-	-
				10 - 11.5	37.53 to 36.03	**3.48**	-	1 U	**19.2**	-	**5.15**	1 U	-	-	-	-
				15 - 16.33	32.53 to 31.2	**1.6**	-	1 U	**20.6**	-	**1.54**	1 U	-	-	-	-
				20 - 20.5	27.53 to 27.03	**1.53**	-	1 U	**17.2**	-	**1.5**	1 U	-	-	-	-
MBB-21	9/2/2020	N	47.60	5 - 5.8	42.60 to 41.80	**2.02**	-	1 U	**20**	-	**1.69**	1 U	-	-	-	-
				10 - 11.5	37.60 to 36.10	**2.21**	-	1 U	**19.3**	-	**1.85**	1 U	-	-	-	-
				15 - 15.9	32.60 to 31.70	**1.52**	-	1 U	**18.3**	-	**1.4**	1 U	-	-	-	-
				20 - 20.9	27.60 to 26.70	**1.53**	-	1 U	**14.3**	-	**1.46**	1 U	-	-	-	-
MBB-22	9/21/2020	N	42.05	5 - 6	37.05 to 36.05	**2.71**	-	1 U	**30.2**	-	**26.7**	1 U	-	-	-	-
				15 - 16.25	27.05 to 25.8	**3.08**	-	1 U	**26.1**	-	**2.58**	1 U	-	-	-	-
				20 - 21.3	22.05 to 20.75	**1.63**	-	1 U	**15.3**	-	**1.39**	1 U	-	-	-	-
				25 - 26.3	17.05 to 15.75	**2.03**	-	1 U	**24.4**	-	**1.14**	1 U	-	-	-	-
MBB-23	9/21/2020	N	47.18	5 - 6.2	42.18 to 40.98	**2.57**	-	1 U	**18.7**	-	**3.58**	1 U	-	-	-	-
				10 - 11.1	37.18 to 36.08	**3.98**	-	1 U	**17.1**	-	**29.5**	1 U	-	-	-	-
				15 - 16.25	32.18 to 30.93	**2.73**	-	1 U	**22.4**	-	**3.6**	1 U	-	-	-	-
				20 - 21.3	27.18 to 25.88	**2.21**	-	1 U	**17.7**	-	**1.99**	1 U	-	-	-	-
				25 - 26	22.18 to 21.18	**1.88**	-	1 U	**16.3**	-	**1.35**	1 U	-	-	-	-
MBB-24	9/9/2020	N	54.10	5 - 6.5	49.10 to 47.60	**2.92**	-	1 U	**25.9**	-	**3.32**	1 U	-	-	-	-
				10 - 11.4	44.10 to 42.70	**1.38**	-	1 U	**15**	-	**1.57**	1 U	-	-	-	-
				15 - 16.5	39.10 to 37.60	**3**	-	1 U	**25.6**	-	**3.04**	1 U	-	-	-	-
				20 - 21	34.10 to 33.10	**1.05**	-	1 U	**10.5**	-	**1.02**	1 U	-	-	-	-
				25 - 25.8	29.10 to 28.30	**1.38**	-	1 U	**14.9**	-	**1.52**	1 U	-	-	-	-
MBGW-1	3/6/2019	N	39.95	4 - 5	35.95 to 34.95	11 U	**49**	0.57 U	**25**	-	**43**	0.28 U	-	11 U	0.57 U	-
				17 - 18	22.95 to 21.95	11 U	**45**	0.57 U	**43**	-	5.7 U	0.29 U	-	11 U	0.57 U	-
MBGW-2	3/4/2019	N	46.11	12.5 - 14	33.61 to 32.11	10 U	**47**	0.52 U	**24**	-	**8.5**	0.26 U	-	10 U	0.52 U	-
				25 - 26.5	21.11 to 19.61	14 U	**130**	0.7 U	**34**	-	**23**	0.35 U	-	14 U	0.7 U	-
MBGW-3	3/7/2019	N	47.77	7 - 8	40.77 to 39.77	11 U	**43**	0.54 U	**32**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
				12 - 13	35.77 to 34.77	11 U	**61**	0.55 U	**40**	-	5.5 U	0.27 U	-	11 U	0.55 U	-
				24 - 25	23.77 to 22.77	12 U	**42**	0.62 U	**33**	-	6.2 U	0.31 U	-	12 U	0.62 U	-
MBGW-4	3/6/2019	N	47.30	2 - 3	45.30 to 44.30	11 U	**50**	0.56 U	**32**	-	5.6 U	0.28 U	-	11 U	1.1 U	-
				4 - 5	43.30 to 42.30	12 U	**65**	0.58 U	**22**	-	**12**	0.29 U	-	12 U	1.2 U	-
				7 - 8	40.30 to 39.30	11 U	**46**	0.54 U	**26**	-	5.4 U	0.27 U	-	11 U	1.1 U	-
				24 - 25	23.30 to 22.30	12 U	**54**	0.6 U	**36**	-	6 U	0.3 U	-	12 U	1.2 U	-
MBGW-6	3/14/2019	N	52.50	10 - 10.7	42.5 to 41.8	11 U	**32**	0.54 U	**21**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
MBGW-7	3/6/2019	N	53.76	10 - 11.5	43.76 to 42.26	11 U	**33**	0.54 U	**21**	-	5.4 U	0.27 U	-	11 U	0.54 U	-
				17.5 - 18.75	36.26 to 35.01	11 U	**37**	0.53 U	**34**	-	5.3 U	0.27 U	-	11 U	0.53 U	-
MBGW-8	3/15/2019	N	47.08	25 - 26	22.08 to 21.08	11 U	**40**	0.55 U	**36**	-	5.5 U	0.27 U	-	11 U	1.1 U	-
MBGW-9	3/13/2019	N	56.84	10 - 10.5	46.84 to 46.34	11 U	**43**	0.53 U	**42**	-	5.3 U	0.26 U	-	11 U	0.53 U	-
MBGW-10	3/13/2019	N	55.25	10 - 10.9	45.25 to 44.35	11 U	**48**	0.54 U	**44**	-	5.4 U	0.27 U	-	11 U	0.54 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds										
						Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	3200	**250**	24	1600	400	400	24000
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	**280**	3000	**2.1**	**130**	**5.2**	**14**	**6000**
Natural Background[a]						**7.3**	NA	**0.77**	48	36	17	0.07	38	NA	NA	85
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.5	0.1	5
MBGW-11	3/12/2019	N	57.55	5 - 6.5	52.55 to 51.05	11 U	**68**	0.55 U	**38**	-	**10**	0.28 U	-	11 U	0.55 U	-
MBGW-12	3/15/2019	N	54.00	5 - 5.75	49 to 48.25	11 U	**56**	0.57 U	**42**	-	5.7 U	0.29 U	-	11 U	1.1 U	-
MBGW-15	3/8/2019	N	40.87	20 - 21.25	20.87 to 19.62	13 U	**170**	0.66 U	**18**	-	6.6 U	0.33 U	-	13 U	0.66 U	-
MBPP-1	3/5/2019	N	45.28	8 - 10	37.28 to 35.28	11 U	**81**	0.55 U	**46**	-	**93**	0.28 U	-	11 U	0.55 U	-
MBPP-2	3/5/2019	N	44.46	9 - 10	35.46 to 34.46	12 U	**100**	0.62 U	**45**	-	**21**	0.31 U	-	12 U	0.62 U	-
MBPP-3	3/6/2019	N	45.89	24 - 25	21.89 to 20.89	11 U	**35**	0.55 U	**26**	-	5.5 U	0.27 U	-	11 U	0.55 U	-
MBPP-4	3/7/2019	N	48.34	9 - 10	39.34 to 38.34	11 U	**48**	0.55 U	**29**	-	**5.6**	0.27 U	-	11 U	0.55 U	-
MBPP-5	3/7/2019	N	45.92	24 - 25	21.92 to 20.92	11 U	**49**	0.56 U	**34**	-	5.6 U	0.28 U	-	11 U	0.56 U	-
MBPP-7	3/8/2019	N	49.77	4 - 5	45.77 to 44.77	12 U	**200**	0.6 U	**38**	-	**6.6**	0.3 U	-	12 U	0.6 U	-
MBPP-8	3/8/2019	N	57.52	14 - 15	43.52 to 42.52	**16**	**80**	0.63 U	**30**	-	**16**	0.32 U	-	13 U	0.63 U	-

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

TABLE 7-3f

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SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Total Petroleum Hydrocarbons					
						Diesel Range Organics	Gasoline Range Organics	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range + Oil Range Organics
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	NA	1500	NA	NA	NA	NA
					Protective of Groundwater Saturated Zone[a]	**2000**	**30**	NA	NA	NA	**2000**
					Natural Background[a]	NA	NA	NA	NA	NA	NA
					Median PQL[a]	15	5	NA	NA	NA	NA
21417-MB8	5/11/2017	N	45.28	27	18.28	20.9 U	3.81 U	-	52.3 U	-	52.3 U
21417-MB10	5/11/2017	N	38.08	28	10.08	22.2 U	4.33 U	-	55.4 U	-	55.4 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	20 U	5 U	20 U	50 U	5 U	50 U
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	50 U	5 U	-	250 U	-	250 U
		FD				50 U	5 U	-	250 U	-	250 U
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	50 U	5 U	-	250 U	-	250 U
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	50 U	5 U	-	250 U	-	250 U
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	50 U	5 U	-	250 U	-	250 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	50 U	5 U	-	250 U	-	250 U
				30 - 30.5	28.20 to 27.70	50 U	**26**	-	250 U	-	250 U
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	50 U	5 U	-	250 U	-	250 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	50 U	5 U	-	250 U	-	250 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	50 U	5 U	-	250 U	-	250 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	50 U	5 U	-	250 U	-	250 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	20 U	5 UJ	20 U	50 U	5 UJ	50 U
MBGW-3	3/7/2019	N	47.77	26	21.77	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	20 U	5 U	20 U	50 U	5 U	50 U
				45 - 46.5	4.87 to 3.37	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	20 U	5 U	20 U	50 U	5 U	50 U
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	20 U	5 U	20 U	50 U	5 U	50 U
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	-	5 UJ	-	-	5 UJ	-
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	20 U	5 U	20 U	50 U	5 U	50 U
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	20 U	5 U	20 U	50 U	5 U	50 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC.
This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

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TABLE 7-3g
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Carcinogenic Semi-Volatile Organic Compounds							
						Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeno(1,2,3-cd)pyrene	cPAHs-TEQ
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	**0.19**	NA	NA	NA	NA	NA	0.19
Protective of Groundwater Saturated Zone[a]						NA	0.19	NA	NA	NA	NA	NA	**0.022**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0034	0.005	0.0035	0.0035	0.005	0.005	0.0034	0.0069
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				30 - 30.5	28.20 to 27.70	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-25	10/30/2020	N	58.63	29.5 - 30.5	29.13 to 28.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				34.5 - 35.5	24.13 to 23.13	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
				39.5 - 40	19.13 to 18.63	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.00041 U
MBB-26	10/29/2020	N	58.79	29.5 - 30.5	29.29 to 28.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
		N		34.5 - 35.5	24.29 to 23.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
				39.5 - 40	19.29 to 18.79	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U
MBGW-3	3/7/2019	N	47.77	26	21.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.0076 U

TABLE 7-3g
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Non-Carcinogenic Semi-Volatile Organic Compounds										
						1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**34**	**320**	4800	NA	24000	NA	3200	3200	1600	NA	2400
					Protective of Groundwater Saturated Zone[a]	NA	NA	**5**	NA	**110**	NA	**32**	**5.1**	**0.24**	NA	**33**
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	-	-	-	-	-	-	-	-	-	-	-
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	-	-	-	-	-	-	-	-	-	-	-
				30 - 30.5	28.20 to 27.70	-	-	-	-	-	-	-	-	-	-	-
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	-	-	-	-	-	-	-	-	-	-	-
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	-	-	-	-	-	-	-	-	-	-	-
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	-	-	-	-	-	-	-	-	-	-	-
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	-	-	-	-	-	-	-	-	-	-	-
MBB-25	10/30/2020	N	58.63	29.5 - 30.5	29.13 to 28.13	-	-	-	-	-	-	-	-	-	-	-
				34.5 - 35.5	24.13 to 23.13	-	-	-	-	-	-	-	-	-	-	-
				39.5 - 40	19.13 to 18.63	-	-	-	-	-	-	-	-	-	-	-
MBB-26	10/29/2020	N	58.79	29.5 - 30.5	29.29 to 28.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		FD				0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
		N		34.5 - 35.5	24.29 to 23.29	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
				39.5 - 40	19.29 to 18.79	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
MBGW-3	3/7/2019	N	47.77	26	21.77	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.

FD = Field duplicate.

ft = feet.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

Public Review Draft

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO
SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
					Protective of Groundwater Saturated Zone[a]	NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA	NA	1.80E-05	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	**0.0025**	**0.0015**	0.001	**0.003**	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0229 U	0.0152 U	0.0152 U	0.0229 U	0.0152 U	0.0381 U	0.0152 U	0.0152 U	0.0152 U	-	0.0381 U	0.0152 U	0.0381 U	0.00381 U	0.0152 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.026 U	0.0173 U	0.0173 U	0.026 U	0.0173 U	0.0433 U	0.0173 U	0.0173 U	0.0173 U	-	0.0433 U	0.0173 U	0.433 U	-	0.0173 U
B-215	9/12/2017	N	53.95	35	18.95	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00295 U	0.00118 U	0.00118 U	0.00118 U	0.00589 U	0.00118 U	0.00118 U
				45	8.95	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00266 U	0.00106 UJ	0.00106 U	0.00106 UJ	0.00532 U	0.00106 U	0.00106 U
				55	-1.05	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00277 U	0.00111 UJ	0.00111 U	0.00111 UJ	0.00554 U	0.00111 U	0.00111 U
				65	-11.05	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	**0.0242 J**	0.0286 U	0.0286 U	0.0715 U	0.0286 UJ	0.0286 U	0.0286 UJ	0.143 U	0.0286 U	0.0286 U
				75	-21.05	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 UJ	0.0011 U	0.0011 UJ	0.00551 U	0.0011 U	0.0011 U
				85	-31.05	0.00121 U	0.00121 U	0.00121 U	0.00121 UJ	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00301 UJ	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00121 UJ	0.00121 U
				95	-41.05	0.0012 U	0.0012 U	0.0012 U	0.0012 UJ	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.00299 UJ	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.0012 UJ	0.0012 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	30 - 30.5	17.41 to 16.91	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
		FD				0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	-	0.005 U	0.05 U	-	0.005 U
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
				30 - 30.5	28.20 to 27.70	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	**0.11**	0.05 U	0.005 U	0.005 U
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	-	0.025 U	0.005 U	0.05 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	28 - 30	11.95 to 9.95	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-3	3/7/2019	N	47.77	26	21.77	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
					Protective of Groundwater Saturated Zone[a]	NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA	NA	1.80E-05	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	**0.0025**	**0.0015**	0.001	**0.003**	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-8	3/15/2019	N	47.08	35 - 35.7	12.08 to 11.38	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-12	3/15/2019	N	54.00	30 - 30.8	24 to 23.2	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.005 U	0.05 U
MW-105	8/6/2012	N	45.59	30	15.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
	8/8/2012			40	5.59	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				50	-4.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
	8/9/2012			60	-14.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				70	-24.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				80	-34.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				90	-44.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
	8/10/2012			100	-54.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				110	-64.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				120	-74.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				130	-84.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				138	-92.41	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	30	22.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				40	12.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				50	2.90	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				60	-7.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
	8/15/2012			70	-17.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				80	-27.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				90	-37.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				100	-47.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				110	-57.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				120	-67.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				130	-77.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				140	-87.10	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
					Protective of Groundwater Saturated Zone[a]	NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA	NA	1.80E-05	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	**0.0025**	**0.0015**	0.001	**0.003**	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MW-114	12/10/2012	N	42.43	35	7.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				40	2.43	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				45	-2.57	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	30	27.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				40	17.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				50	7.78	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	30	24.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				40	14.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				50	4.50	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	30	7.66	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
				40	-2.34	-	0.05 U	-	-	0.05 U	0.05 U	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	35	15.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	5.32	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	**0.000324 J**	0.00107 U	0.00107 U	0.00267 U	0.00107 U	0.00107 U	0.00107 U	0.00534 U	0.00107 U	0.00107 U
				55	-4.68	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	**0.000499 J**	0.0011 U	0.0011 U	0.00274 U	0.0011 U	0.0011 U	0.0011 U	0.00549 U	0.0011 U	0.0011 U
				65	-14.68	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00268 U	0.00107 U	0.00107 U	0.00107 U	0.00535 U	0.00107 U	0.00107 U
				75	-24.68	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.0674 U	0.027 U	0.027 U	0.027 U	0.135 U	0.027 U	0.027 U
				90	-39.68	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U
	8/31/2017			110	-59.68	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.0029 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U
				130	-79.68	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00283 U	0.00113 U	0.00113 U	0.00113 U	0.00565 U	0.00113 U	0.00113 U
				140	-89.68	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0706 U	0.0282 U	0.0282 U	0.0282 U	0.141 U	0.0282 U	0.0282 U
MW-147	4/2/2018	N	52.49	30	22.49	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00279 U	0.00112 U	0.00112 U	0.00112 U	0.00558 U	0.00112 U	0.00112 U
				40	12.49	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.0011 U	0.0011 U	0.00552 U	0.0011 U	0.0011 U
				50	2.49	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00277 U	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U
				60	-7.51	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00269 U	0.00108 U	0.00108 U	0.00108 U	0.00538 U	0.00108 U	0.00108 U
				70	-17.51	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0028 U	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.00112 U	0.00112 U
				80	-27.51	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00289 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	30	14.29	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00281 U	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00112 U	0.00112 U
				40	4.29	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00272 U	0.00109 U	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U
				50	-5.71	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U
				60	-15.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00126 U	0.00126 U
				70	-25.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00126 U	0.00126 U	0.0063 U	0.00126 U	0.00126 U
				80	-35.71	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dibromoethane (Ethylene Dibromide)	1,2-Dichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**38**	160000	5	18	180	4000	NA	NA	**0.0063**	**800**	NA	**800**	**1.3**	0.5	NA
					Protective of Groundwater Saturated Zone[a]	NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA	NA	1.80E-05	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	**0.0025**	**0.0015**	0.001	**0.003**	0.0015	0.005	0.002	0.0015	NA	0.001	0.005	**0.001**	NA
MW-153	3/27/2018	N	54.84	30	24.84	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 UJ	0.00268 U	0.00107 U	0.00107 UJ	0.00107 U	0.00536 U	0.00107 U	0.00107 U
				40	14.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00283 U	0.00113 U	0.00113 UJ	0.00113 U	0.00566 U	0.00113 U	0.00113 U
				50	4.84	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00277 U	0.00111 U	0.00111 UJ	0.00111 U	0.00555 U	0.00111 U	0.00111 U
				61	-6.16	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 UJ	0.00284 U	0.00114 U	0.00114 UJ	0.00114 U	0.00568 U	0.00114 U	0.00114 U
				70	-15.16	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00278 U	0.00111 U	0.00111 UJ	0.00111 U	0.00557 U	0.00111 U	0.00111 U
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.00276 U	0.0011 U	0.0011 UJ	0.0011 U	0.00552 U	0.0011 U	0.0011 U
				90	-35.16	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 UJ	0.00301 U	0.0012 U	0.0012 UJ	0.0012 U	0.00602 U	0.0012 U	0.0012 U
				110	-55.16	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 UJ	0.00294 U	0.00118 U	0.00118 UJ	0.00118 U	0.00588 U	0.00118 U	0.00118 U
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 UJ	0.00287 U	0.00115 U	0.00115 UJ	0.00115 U	0.00574 U	0.00115 U	0.00115 U
MW-316	9/9/2019	N	49.73	30	19.73	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.00277 U	0.0139 U	0.00555 U	0.0139 U	0.00555 U	0.0277 U	0.00277 U	0.00555 U
				35	14.73	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.00282 U	0.0141 U	0.00564 U	0.0141 U	0.00564 U	0.0282 U	0.00282 U	0.00564 U
				40	9.73	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.00284 U	0.0142 U	0.00569 U	0.0142 U	0.00569 U	0.0284 U	0.00284 U	0.00569 U
				45	4.73	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.00278 U	0.0139 U	0.00556 U	0.0139 U	0.00556 U	0.0278 U	0.00278 U	0.00556 U
				50	-0.27	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.00299 U	0.015 U	0.00598 U	0.015 U	0.00598 U	0.0299 U	0.00299 U	0.00598 U
				55	-5.27	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0142 U	0.00566 U	0.0142 U	0.00566 U	0.0283 U	0.00283 U	0.00566 U
				60	-10.27	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.0141 U	0.00562 U	0.0141 U	0.00562 U	0.0281 U	0.00281 U	0.00562 U
	9/10/2019			65	-15.27	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.00374 U	0.0187 U	0.00748 U	0.0187 U	0.00748 U	0.0374 U	0.00374 U	0.00748 U
				70	-20.27	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.00283 U	0.0141 U	0.00566 U	0.0141 U	0.00566 U	0.0283 U	0.00283 U	0.00566 U
MW-326	9/9/2019	N	41.31	30	11.31	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0101 U	0.0505 U	0.0202 U	0.0505 U	0.0202 U	0.101 U	0.0101 U	0.0202 U
				35	6.31	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.00309 U	0.0155 U	0.00618 U	0.0155 U	0.00618 U	0.0309 U	0.00309 U	0.00618 U
				40	1.31	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.00298 U	0.0149 U	0.00596 U	0.0149 U	0.00596 U	0.0298 U	0.00298 U	0.00596 U
				45	-3.69	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.00301 U	0.0151 U	0.00602 U	0.0151 U	0.00602 U	0.0301 U	0.00301 U	0.00602 U
				50	-8.69	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.00286 U	0.0143 U	0.00572 U	0.0143 U	0.00572 U	0.0286 U	0.00286 U	0.00572 U
				55	-13.69	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.00304 U	0.0152 U	0.00608 U	0.0152 U	0.00608 U	0.0304 U	0.00304 U	0.00608 U
				60	-18.69	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.00272 U	0.0136 U	0.00543 U	0.0136 U	0.00543 U	0.0272 UJ	0.00272 U	0.00543 U
				65	-23.69	0.0029 U	0.0029 U	0.0029 UJ	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0145 U	0.0058 U	0.0145 U	0.0058 U	0.029 UJ	0.0029 U	0.0058 U
				70	-28.69	0.00305 U	0.00305 U	0.00305 UJ	0.00305 U	0.00305 U	0.00305 U	0.00305 U	0.00305 U	0.0152 U	0.00609 U	0.0152 U	0.00609 U	0.0305 UJ	0.00305 U	0.00609 U
				75	-33.69	0.00303 U	0.00303 U	0.00303 UJ	0.00303 U	0.00303 U	0.00303 U	0.00303 U	0.00303 U	0.0152 U	0.00606 U	0.0152 U	0.00606 U	0.0303 UJ	0.00303 U	0.00606 U
				80	-38.69	0.00297 U	0.00297 U	0.00297 UJ	0.00297 U	0.00297 U	0.00297 U	0.00297 U	0.00297 U	0.0149 U	0.00594 U	0.0149 U	0.00594 U	0.0297 UJ	0.00297 U	0.00594 U
MW-326	9/10/2019	N	41.31	85	-43.69	0.00292 U	0.00292 U	0.00292 UJ	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.00292 U	0.0146 U	0.00584 U	0.0146 U	0.00584 U	0.0292 UJ	0.00292 U	0.00584 U
				90	-48.69	0.00294 U	0.00294 U	0.00294 UJ	0.00294 U	0.00294 U	0.00294 U	0.00294 U	0.00294 U	0.0147 U	0.00589 U	0.0147 U	0.00589 U	0.0294 UJ	0.00294 U	0.00589 U
				95	-53.69	0.00281 U	0.00281 U	0.00281 UJ	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.00281 U	0.014 U	0.00562 U	0.014 U	0.00562 U	0.0281 UJ	0.00281 U	0.00562 U
				100	-58.69	0.00302 U	0.00302 U	0.00302 UJ	0.00302 U	0.00302 U	0.00302 U	0.00302 U	0.00302 U	0.0151 U	0.00604 U	0.0151 U	0.00604 U	0.0302 UJ	0.00302 U	0.00604 U

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TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO
SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
					Protective of Groundwater Saturated Zone[a]	**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0229 U	0.0152 U	0.0152 U	0.0152 U	0.0381 U	0.0152 U	0.0381 U	-	0.0152 U	-	0.0152 U	0.0152 U	-	-	-
21417-MB10	5/11/2017	N	38.08	28	10.08	0.026 U	0.0173 U	0.0173 U	0.0173 U	0.0433 U	0.0173 U	0.0433 U	-	0.0173 U	-	0.0173 U	0.0173 U	-	-	-
B-215	9/12/2017	N	53.95	35	18.95	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.0118 U	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	0.0589 U	0.0118 U
				45	8.95	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.00106 U	0.0106 UJ	0.00106 U	0.0106 U	0.00106 U	0.00106 U	0.0106 U	0.0532 UJ	0.0106 U
				55	-1.05	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0554 UJ	0.0111 U
				65	-11.05	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.286 UJ	0.0286 U	0.286 U	0.0286 U	0.0286 U	0.286 U	1.43 UJ	0.286 U
				75	-21.05	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.011 UJ	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0551 UJ	0.011 U
				85	-31.05	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.0121 U	0.00121 U	0.0121 U	0.00121 U	0.00121 U	0.0121 U	0.0603 U	0.0121 U
				95	-41.05	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.012 U	0.0012 U	0.012 U	0.0012 U	0.0012 U	0.012 U	0.0598 U	0.012 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				50 - 51.5	-11.71 to -13.21	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				65 - 65.4	-26.71 to -27.11	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
HMW-2IB	3/12/2019	N	47.41	30 - 30.5	17.41 to 16.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				45 - 46	2.41 to 1.41	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				65 - 66.5	-17.59 to -19.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
		FD				-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-	0.005 U	-	-	-
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
				30 - 30.5	28.20 to 27.70	0.005 U	0.001 U	**0.03**	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.05 U	0.1 U	-
MBGW-1	3/6/2019	N	39.95	28 - 30	11.95 to 9.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-3	3/7/2019	N	47.77	26	21.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
				45 - 46.5	4.87 to 3.37	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
					Protective of Groundwater Saturated Zone[a]	**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-8	3/15/2019	N	47.08	35 - 35.7	12.08 to 11.38	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-12	3/15/2019	N	54.00	30 - 30.8	24 to 23.2	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U	0.05 U	-	-	-
MW-105	8/6/2012	N	45.59	30	15.59	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/8/2012			40	5.59	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	-4.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2012			60	-14.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				70	-24.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				80	-34.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				90	-44.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/10/2012			100	-54.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				110	-64.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				120	-74.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				130	-84.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				138	-92.41	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-106	8/14/2012	N	52.90	30	22.90	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	12.90	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	2.90	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				60	-7.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/15/2012			70	-17.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				80	-27.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				90	-37.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				100	-47.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				110	-57.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				120	-67.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				130	-77.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				140	-87.10	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
Protective of Groundwater Saturated Zone[a]						**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				35	7.43	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-114	12/10/2012	N	42.43	40	2.43	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	-2.57	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-117	2/4/2013	N	57.78	30	27.78	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	17.78	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	7.78	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-118	3/21/2013	N	54.50	30	24.50	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	14.50	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	4.50	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-119	3/21/2013	N	37.66	30	7.66	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	-2.34	0.05 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-140	8/30/2017	N	50.32	35	15.32	-	-	-	-	-	-	-	-	-	0.291 U	0.0291 U	0.0291 U	0.291 U	1.46 U	0.291 U
				45	5.32	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.0107 U	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0534 U	0.0107 U
				55	-4.68	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0549 U	0.011 U
				65	-14.68	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.0107 U	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0535 U	0.0107 U
				75	-24.68	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.027 U	0.27 U	0.027 U	0.27 U	0.027 U	0.027 U	0.27 U	1.35 U	0.27 U
				90	-39.68	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.0118 U	0.00118 U	0.0118 U	0.00118 UJ	0.00118 U	0.0118 U	0.0588 U	0.0118 U
	8/31/2017			110	-59.68	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.0116 U	0.00116 U	0.0116 U	0.00116 U	0.00116 U	0.0116 U	0.0579 U	0.0116 U
				130	-79.68	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.0113 U	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0565 U	0.0113 U
				140	-89.68	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.0282 U	0.282 UJ	0.0282 U	0.282 U	0.0282 UJ	0.0282 U	0.282 U	1.41 UJ	0.282 U
MW-147	4/2/2018	N	52.49	30	22.49	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.0558 U	0.0112 U
				40	12.49	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	**0.00707 J**	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0552 U	0.011 U
				50	2.49	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.0111 U	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0554 U	0.0111 U
				60	-7.51	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.00108 U	0.0108 U	0.00108 U	0.00108 U	0.0108 U	0.0538 U	0.0108 U
				70	-17.51	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.056 U	0.0112 U
				80	-27.51	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.0116 U	0.00116 U	0.0116 U	0.00116 U	0.00116 U	0.0116 U	0.0579 U	0.0116 U
MW-148	4/9/2018	N	44.29	30	14.29	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.00112 U	0.0112 U	0.00112 U	0.00112 U	0.0112 U	0.0561 U	0.0112 U
				40	4.29	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.00109 U	0.0109 U	0.00109 U	0.00109 U	0.0109 U	0.0543 U	0.0109 U
				50	-5.71	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0551 U	0.011 U
				60	-15.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.0126 U	0.00126 U	0.0126 U	0.00126 U	0.00126 U	0.0126 U	0.0631 U	0.0126 U
				70	-25.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.0126 U	0.00126 U	0.0126 U	0.00126 U	0.00126 U	0.0126 U	**0.0198 J**	0.0126 U
				80	-35.71	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.0118 U	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	**0.0118 J**	0.0118 U

Public Review Draft

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Butanone (Methyl Ethyl Ketone)	2-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl- 2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**	**400**	**8000**	NA	**6400**	72000	**1.9**
					Protective of Groundwater Saturated Zone[a]	**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.1**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001	0.005	0.001	0.001	0.005	0.005	0.013
				30	24.84	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.0107 UJ	0.00107 U	0.0107 U	0.00107 U	0.00107 U	0.0107 U	0.0536 UJ	0.0107 U
MW-153	3/27/2018	N	54.84	40	14.84	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.0113 UJ	0.00113 U	0.0113 U	0.00113 U	0.00113 U	0.0113 U	0.0566 UJ	0.0113 U
				50	4.84	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0555 UJ	0.0111 U
				61	-6.16	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.00114 U	0.0114 UJ	0.00114 U	0.0114 U	0.00114 U	0.00114 U	0.0114 U	0.0568 UJ	0.0114 U
				70	-15.16	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.0111 UJ	0.00111 U	0.0111 U	0.00111 U	0.00111 U	0.0111 U	0.0557 UJ	0.0111 U
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.011 UJ	0.0011 U	0.011 U	0.0011 U	0.0011 U	0.011 U	0.0552 UJ	0.011 U
				90	-35.16	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.012 UJ	0.0012 U	0.012 U	0.0012 U	0.0012 U	0.012 U	0.0602 UJ	0.012 U
				110	-55.16	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.0118 UJ	0.00118 U	0.0118 U	0.00118 U	0.00118 U	0.0118 U	0.0588 UJ	0.0118 U
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.00115 U	0.0115 UJ	0.00115 U	0.0115 U	0.00115 U	0.00115 U	0.0115 U	0.0574 UJ	0.0115 U
MW-316	9/9/2019	N	49.73	30	19.73	0.00277 U	0.00555 U	0.00555 U	0.00555 U	0.00555 U	0.00555 U	0.00277 U	0.0277 U	0.00277 U	0.0277 U	0.0139 U	0.00555 U	0.0277 U	**0.0301**	0.0139 U
				35	14.73	0.00282 U	0.00564 U	0.00564 U	0.00564 U	0.00564 U	0.00564 U	0.00282 U	0.0282 U	0.00282 U	0.0282 U	0.0141 U	0.00564 U	0.0282 U	0.0282 U	0.0141 U
				40	9.73	0.00284 U	0.00569 U	0.00569 U	0.00569 U	0.00569 U	0.00569 U	0.00284 U	0.0284 U	0.00284 U	0.0284 U	0.0142 U	0.00569 U	0.0284 U	0.0284 U	0.0142 U
				45	4.73	0.00278 U	0.00556 U	0.00556 U	0.00556 U	0.00556 U	0.00556 U	0.00278 U	0.0278 U	0.00278 U	0.0278 U	0.0139 U	0.00556 U	0.0278 U	0.0278 U	0.0139 U
				50	-0.27	0.00299 U	0.00598 U	0.00598 U	0.00598 U	0.00598 U	0.00598 U	0.00299 U	0.0299 U	0.00299 U	0.0299 U	0.015 U	0.00598 U	0.0299 U	0.0299 U	0.015 U
				55	-5.27	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U	0.0283 U	0.00283 U	0.0283 U	0.0142 U	0.00566 U	0.0283 U	0.0283 U	0.0142 U
				60	-10.27	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U	0.0281 U	0.00281 U	0.0281 U	0.0141 U	0.00562 U	0.0281 U	0.0281 U	0.0141 U
	9/10/2019			65	-15.27	0.00374 U	0.00748 U	0.00748 U	0.00748 U	0.00748 U	0.00748 U	0.00374 U	0.0374 U	0.00374 U	0.0374 U	0.0187 U	0.00748 U	0.0374 U	0.0374 U	0.0187 U
				70	-20.27	0.00283 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U	0.0283 U	0.00283 U	0.0283 U	0.0141 U	0.00566 U	0.0283 U	**0.0392**	0.0141 U
MW-326	9/9/2019	N	41.31	30	11.31	0.0101 U	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0101 U	0.101 U	0.0101 U	0.101 U	0.0505 U	0.0202 U	0.101 U	**0.105 J**	0.0505 U
				35	6.31	0.00309 U	0.00618 U	0.00618 U	0.00618 U	0.00618 U	0.00618 U	0.00309 U	**0.0175 J**	0.00309 U	0.0309 U	0.0155 U	0.00618 U	0.0309 U	**0.0416 J**	0.0155 U
				40	1.31	0.00298 U	0.00596 U	0.00596 U	0.00596 U	0.00596 U	0.00596 U	0.00298 U	0.0298 U	0.00298 U	0.0298 U	0.0149 U	0.00596 U	0.0298 U	**0.0437 J**	0.0149 U
				45	-3.69	0.00301 U	0.00602 U	0.00602 U	0.00602 U	0.00602 U	0.00602 U	0.00301 U	0.0301 U	0.00301 U	0.0301 U	0.0151 U	0.00602 U	0.0301 U	0.0301 U	0.0151 U
				50	-8.69	0.00286 U	0.00572 U	0.00572 U	0.00572 U	0.00572 U	0.00572 U	0.00286 U	**0.0161 J**	0.00286 U	0.0286 U	0.0143 U	0.00572 U	0.0286 U	0.0286 U	0.0143 U
				55	-13.69	0.00304 U	0.00608 U	0.00608 U	0.00608 U	0.00608 U	0.00608 U	0.00304 U	0.0304 U	0.00304 U	0.0304 U	0.0152 U	0.00608 U	0.0304 U	0.0304 U	0.0152 U
				60	-18.69	0.00272 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00272 U	0.0272 U	0.00272 U	0.0272 U	0.0136 U	0.00543 U	0.0272 U	**0.0283**	0.0136 U
				65	-23.69	0.0029 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0058 U	0.0029 U	0.029 U	0.0029 U	0.029 U	0.0145 U	0.0058 U	0.029 U	**0.0224 J**	0.0145 U
				70	-28.69	0.00305 U	0.00609 U	0.00609 U	0.00609 U	0.00609 U	0.00609 U	0.00305 U	0.0305 U	0.00305 U	0.0305 U	0.0152 U	0.00609 U	0.0305 U	**0.0284 J**	0.0152 U
				75	-33.69	0.00303 U	0.00606 U	0.00606 U	0.00606 U	0.00606 U	0.00606 U	0.00303 U	0.0303 U	0.00303 U	0.0303 U	0.0152 U	0.00606 U	0.0303 U	0.0303 U	0.0152 U
				80	-38.69	0.00297 U	0.00594 U	0.00594 U	0.00594 U	0.00594 U	0.00594 U	0.00297 U	0.0297 U	0.00297 U	0.0297 U	0.0149 U	0.00594 U	0.0297 U	0.0297 U	0.0149 U
MW-326	9/10/2019	N	41.31	85	-43.69	0.00292 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00292 U	0.0292 U	0.00292 U	0.0292 U	0.0146 U	0.00584 U	0.0292 U	**0.0195 J**	0.0146 U
				90	-48.69	0.00294 U	0.00589 U	0.00589 U	0.00589 U	0.00589 U	0.00589 U	0.00294 U	**0.0237 J**	0.00294 U	0.0294 U	0.0147 U	0.00589 U	0.0294 U	**0.0543**	0.0147 U
				95	-53.69	0.00281 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00562 U	0.00281 U	0.0281 U	0.00281 U	0.0281 U	0.014 U	0.00562 U	0.0281 U	**0.0322**	0.014 U
				100	-58.69	0.00302 U	0.00604 U	0.00604 U	0.00604 U	0.00604 U	0.00604 U	0.00302 U	0.0302 U	0.00302 U	0.0302 U	0.0151 U	0.00604 U	0.0302 U	0.0302 U	0.0151 U

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TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO
SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
					Protective of Groundwater Saturated Zone[a]	**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**	**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0229 U	0.0152 U	0.0152 U	0.0686 U	-	0.0152 U	0.0152 U	-	0.0457 U	0.0152 U	0.0457 U	0.0152 U	0.0152 U	0.0152 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.026 U	0.0173 U	0.0173 U	0.0779 U	-	0.0173 U	0.0173 U	-	0.0519 U	0.0173 U	0.0519 U	0.0173 U	0.0173 U	0.0173 U
B-215	9/12/2017	N	53.95	35	18.95	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00589 U	0.00118 U	0.00118 U	0.00118 U	0.00589 U	0.00589 U	0.00589 U	0.00295 UJ	**0.062**	0.00118 U	0.00118 U
				45	8.95	0.00106 U	0.00106 UJ	0.00106 U	0.00106 U	0.00532 U	**0.000807 J**	0.00106 U	0.00106 U	0.00532 U	0.00532 UJ	0.00532 U	0.00266 UJ	0.00106 U	0.00106 U	0.00106 U
				55	-1.05	0.00111 U	0.00111 UJ	0.00111 U	0.00111 U	0.00554 U	**0.000688 J**	0.00111 U	0.00111 U	0.00554 U	0.00554 UJ	0.00554 U	0.00277 UJ	0.00111 U	0.00111 U	0.00111 U
				65	-11.05	0.0286 U	0.0286 UJ	0.0286 U	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0286 U	0.143 U	0.143 UJ	0.143 U	0.0715 UJ	**1.55**	0.0286 U	0.0286 U
				75	-21.05	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U	0.00551 U	**0.000331 J**	0.0011 U	0.0011 U	0.00551 U	0.00551 UJ	0.00551 U	0.00276 UJ	0.0011 U	0.0011 U	0.0011 U
				85	-31.05	0.00121 U	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00603 U	0.00603 U	0.00301 U	0.00121 U	0.00121 U	0.00121 U
				95	-41.05	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.00598 U	0.00598 U	0.00299 U	0.0012 U	0.0012 U	0.0012 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				50 - 51.5	-11.71 to -13.21	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				65 - 65.4	-26.71 to -27.11	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HMW-2IB	3/12/2019	N	47.41	30 - 30.5	17.41 to 16.91	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				45 - 46	2.41 to 1.41	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				65 - 66.5	-17.59 to -19.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
		FD				0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
				30 - 30.5	28.20 to 27.70	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	**0.006**
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.003 U	0.005 U	0.005 U	0.005 U	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	**0.014**	0.005 U	0.005 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.003 U	0.005 U	0.005 U	0.005 UJ	0.05 U	-	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	0.005 U	0.005 U
MBGW-1	3/6/2019	N	39.95	28 - 30	11.95 to 9.95	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-3	3/7/2019	N	47.77	26	21.77	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				45 - 46.5	4.87 to 3.37	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	**0.26**	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
					Protective of Groundwater Saturated Zone[a]	**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**	**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-8	3/15/2019	N	47.08	35 - 35.7	12.08 to 11.38	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-12	3/15/2019	N	54.00	30 - 30.8	24 to 23.2	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MW-105	8/6/2012	N	45.59	30	15.59	-	-	-	-	-	-	-	-	-	0.5 U	-	-	**0.086**	-	-
	8/8/2012			40	5.59	-	-	-	-	-	-	-	-	-	0.5 U	-	-	**0.22**	-	-
				50	-4.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
	8/9/2012			60	-14.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				70	-24.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				80	-34.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				90	-44.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
	8/10/2012			100	-54.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				110	-64.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				120	-74.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				130	-84.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				138	-92.41	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-106	8/14/2012	N	52.90	30	22.90	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				40	12.90	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				50	2.90	-	-	-	-	-	-	-	-	-	0.5 U	-	-	**0.11**	-	-
				60	-7.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
	8/15/2012			70	-17.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				80	-27.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				90	-37.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				100	-47.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				110	-57.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				120	-67.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				130	-77.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				140	-87.10	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
Protective of Groundwater Saturated Zone[a]						**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**	**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001
				35	7.43	-	-	-	-	-	-	-	-	-	0.5 U	-	-	**0.11**	-	-
MW-114	12/10/2012	N	42.43	40	2.43	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				45	-2.57	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-117	2/4/2013	N	57.78	30	27.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-118	3/21/2013	N	54.50	30	24.50	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				40	14.50	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				50	4.50	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-119	3/21/2013	N	37.66	30	7.66	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
				40	-2.34	-	-	-	-	-	-	-	-	-	0.5 U	-	-	0.05 U	-	-
MW-140	8/30/2017	N	50.32	35	15.32	0.0291 U	0.0291 U	0.0291 U	0.0291 U	0.146 U	0.0291 U	0.0291 U	0.0291 U	-	0.146 U	0.146 U	0.0728 U	**0.387**	0.0291 U	0.0291 U
				45	5.32	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00534 U	**0.000774 J**	0.00107 U	0.00107 U	-	0.00534 U	0.00534 U	0.00267 U	**0.0431**	0.00107 U	0.00107 U
				55	-4.68	**0.000379 J**	0.0011 U	0.0011 U	0.0011 U	0.00549 U	**0.00196**	0.0011 U	0.0011 U	-	0.00549 U	0.00549 U	0.00274 U	**0.13**	0.0011 U	0.0011 U
				65	-14.68	0.00107 U	0.00107 U	0.00107 U	0.00107 U	0.00535 U	**0.00384**	0.00107 U	0.00107 U	-	0.00535 U	0.00535 U	0.00268 U	0.00107 U	0.00107 U	0.00107 U
				75	-24.68	0.027 U	0.027 U	0.027 U	0.027 U	0.135 U	0.027 U	0.027 U	0.027 U	-	0.135 U	0.135 U	0.0674 U	0.027 U	0.027 U	0.027 U
				90	-39.68	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	-	0.00588 U	0.00588 U	0.00294 U	0.00118 U	0.00118 U	0.00118 U
	8/31/2017			110	-59.68	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	-	0.00579 U	0.00579 U	0.0029 U	0.00116 U	0.00116 U	0.00116 U
				130	-79.68	0.00113 U	0.00113 U	0.00113 U	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00113 U	-	0.00565 U	0.00565 U	0.00283 U	0.00113 U	0.00113 U	0.00113 U
				140	-89.68	0.0282 U	0.0282 UJ	0.0282 U	0.0282 U	0.141 U	0.0282 U	0.0282 U	0.0282 U	-	0.141 UJ	0.141 U	0.0706 UJ	0.0282 U	0.0282 U	0.0282 U
MW-147	4/2/2018	N	52.49	30	22.49	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00558 U	0.00112 U	0.00112 U	0.00112 U	0.00558 U	0.00558 U	0.00558 U	0.00279 U	**0.00239**	0.00112 U	0.00112 U
				40	12.49	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00552 U	**0.000405 J**	0.0011 U	0.0011 U	0.00552 U	0.00552 U	0.00552 U	0.00276 U	**0.00488**	0.0011 U	0.0011 U
				50	2.49	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00554 U	0.00554 U	0.00277 U	**0.00432**	0.00111 U	0.00111 U
				60	-7.51	0.00108 U	0.00108 U	0.00108 U	0.00108 U	0.00538 U	0.00108 U	0.00108 U	0.00108 U	0.00538 U	0.00538 U	0.00538 U	0.00269 U	**0.000696 J**	0.00108 U	0.00108 U
				70	-17.51	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.0056 U	0.0056 U	0.0028 U	0.00112 U	0.00112 U	0.00112 U
				80	-27.51	0.00116 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00579 U	0.00579 U	0.00289 U	0.00116 U	0.00116 U	0.00116 U
MW-148	4/9/2018	N	44.29	30	14.29	0.00112 U	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00561 U	0.00561 U	0.00281 U	**0.00364**	0.00112 U	0.00112 U
				40	4.29	0.00109 U	0.00109 U	0.00109 U	0.00109 U	0.00543 U	**0.000261 J**	0.00109 U	0.00109 U	0.00543 U	0.00543 U	0.00543 U	0.00272 U	**0.00113**	0.00109 U	0.00109 U
				50	-5.71	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.00551 U	**0.000256 J**	0.0011 U	0.0011 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	0.0011 U	0.0011 U	0.0011 U
				60	-15.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00631 U	0.00631 U	0.00315 U	0.00126 U	0.00126 U	0.00126 U
				70	-25.71	0.00126 U	0.00126 U	0.00126 U	0.00126 U	0.0063 U	**0.000395 J**	0.00126 U	0.00126 U	0.0063 U	0.0063 U	0.0063 U	0.00315 U	**0.00038 J**	0.00126 U	0.00126 U
				80	-35.71	0.00118 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00588 U	0.00588 U	0.00294 U	**0.000314 J**	0.00118 U	0.00118 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Benzene	Bromo benzene	Bromo dichloro methane	Bromo form	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloro form (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	18	640	16	130	110	8000	14	1600	NA	NA	32	NA	160	10	NA
					Protective of Groundwater Saturated Zone[a]	**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**	**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.003	0.001	0.0015	0.001	0.001	0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001
				30	24.84	0.00107 U	0.00107 U	0.00107 U	0.00107 UJ	0.00536 U	0.00107 U	0.00107 U	0.00107 U	0.00536 U	0.00536 U	0.00536 U	0.00268 U	0.00107 U	0.00107 U	0.00107 U
MW-153	3/27/2018	N	54.84	40	14.84	0.00113 U	0.00113 U	0.00113 U	0.00113 UJ	0.00566 U	**0.000332 J**	0.00113 U	0.00113 U	0.00566 U	0.00566 U	0.00566 U	0.00283 U	**0.00421**	0.00113 U	0.00113 U
				50	4.84	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00555 U	0.00111 U	0.00111 U	0.00111 U	0.00555 U	0.00555 U	0.00555 U	0.00277 U	0.00111 U	0.00111 U	0.00111 U
				61	-6.16	0.00114 U	0.00114 U	0.00114 U	0.00114 UJ	0.00568 U	0.00114 U	0.00114 U	0.00114 U	0.00568 U	0.00568 U	0.00568 U	0.00284 U	0.00114 U	0.00114 U	0.00114 U
				70	-15.16	0.00111 U	0.00111 U	0.00111 U	0.00111 UJ	0.00557 U	0.00111 U	0.00111 U	0.00111 U	0.00557 U	0.00557 U	0.00557 U	0.00278 U	0.00111 U	0.00111 U	0.00111 U
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.0011 U	0.0011 UJ	0.00552 U	**0.000314 J**	0.0011 U	0.0011 U	0.00552 U	0.00552 U	0.00552 U	0.00276 U	**0.000353 J**	0.0011 U	0.0011 U
				90	-35.16	0.0012 U	0.0012 U	0.0012 U	0.0012 UJ	0.00602 U	**0.000436 J**	0.0012 U	0.0012 U	0.00602 U	0.00602 U	0.00602 U	0.00301 U	**0.000596 J**	0.0012 U	0.0012 U
				110	-55.16	0.00118 U	0.00118 U	0.00118 U	0.00118 UJ	0.00588 U	**0.000319 J**	0.00118 U	0.00118 U	0.00588 U	0.00588 U	0.00588 U	0.00294 U	**0.000773 J**	0.00118 U	0.00118 U
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00115 U	0.00115 UJ	0.00574 U	0.00115 U	0.00115 U	0.00115 U	0.00574 U	0.00574 U	0.00574 U	0.00287 U	0.00115 U	0.00115 U	0.00115 U
MW-316	9/9/2019	N	49.73	30	19.73	0.00111 U	0.0139 U	0.00277 U	0.0277 U	0.0139 U	0.0139 U	0.00555 U	0.00277 U	0.00555 U	0.00555 U	0.00277 U	0.0139 U	0.00277 U	0.00277 U	0.00555 U
				35	14.73	0.00113 U	0.0141 U	0.00282 U	0.0282 U	0.0141 U	0.0141 U	0.00564 U	0.00282 U	0.00564 U	0.00564 U	0.00282 U	0.0141 U	0.00282 U	0.00282 U	0.00564 U
				40	9.73	0.00114 U	0.0142 U	0.00284 U	0.0284 U	0.0142 U	0.0142 U	0.00569 U	0.00284 U	0.00569 U	0.00569 U	0.00284 U	0.0142 U	0.00284 U	0.00284 U	0.00569 U
				45	4.73	0.00111 U	0.0139 U	0.00278 U	0.0278 U	0.0139 U	0.0139 U	0.00556 U	0.00278 U	0.00556 U	0.00556 U	0.00278 U	0.0139 U	0.00278 U	0.00278 U	0.00556 U
				50	-0.27	0.0012 U	0.015 U	0.00299 U	0.0299 U	0.015 U	0.015 U	0.00598 U	0.00299 U	0.00598 U	0.00598 U	0.00299 U	0.015 U	0.00299 U	0.00299 U	0.00598 U
				55	-5.27	0.00113 U	0.0142 U	0.00283 U	0.0283 U	0.0142 U	0.0142 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0142 U	0.00283 U	0.00283 U	0.00566 U
				60	-10.27	0.00112 U	0.0141 U	0.00281 U	0.0281 U	0.0141 U	0.0141 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.0141 U	0.00281 U	0.00281 U	0.00562 U
	9/10/2019			65	-15.27	0.0015 U	0.0187 U	0.00374 U	0.0374 U	0.0187 U	0.0187 U	0.00748 U	0.00374 U	0.00748 U	0.00748 U	0.00374 U	0.0187 U	0.00374 U	0.00374 U	0.00748 U
				70	-20.27	0.00113 U	0.0141 U	0.00283 U	0.0283 U	0.0141 U	0.0141 U	0.00566 U	0.00283 U	0.00566 U	0.00566 U	0.00283 U	0.0141 U	0.00283 U	0.00283 U	0.00566 U
MW-326	9/9/2019	N	41.31	30	11.31	0.00404 U	0.0505 U	0.0101 U	0.101 U	0.0505 U	0.0505 U	0.0202 U	0.0101 U	0.0202 U	0.0202 U	0.0101 U	0.0505 U	0.0101 U	0.0101 U	0.0202 U
				35	6.31	0.00124 U	0.0155 U	0.00309 U	0.0309 U	0.0155 U	0.0155 U	0.00618 U	0.00309 U	0.00618 U	0.00618 U	0.00309 U	0.0155 U	0.00309 U	0.00309 U	0.00618 U
				40	1.31	0.00119 U	0.0149 U	0.00298 U	0.0298 U	0.0149 U	0.0149 U	0.00596 U	0.00298 U	0.00596 U	0.00596 U	0.00298 U	0.0149 U	0.00298 U	0.00298 U	0.00596 U
				45	-3.69	0.0012 U	0.0151 U	0.00301 U	0.0301 U	0.0151 U	0.0151 U	0.00602 U	0.00301 U	0.00602 U	0.00602 U	**0.000914 J**	0.0151 U	**0.0617**	0.00301 U	0.00602 U
				50	-8.69	0.00114 U	0.0143 U	0.00286 U	0.0286 U	0.0143 U	0.0143 U	0.00572 U	0.00286 U	0.00572 U	0.00572 U	0.00286 U	0.0143 U	**0.0057**	0.00286 U	0.00572 U
				55	-13.69	0.00122 U	0.0152 U	0.00304 U	0.0304 U	0.0152 U	0.0152 U	0.00608 U	0.00304 U	0.00608 U	0.00608 U	0.00304 U	0.0152 U	**0.015**	0.00304 U	0.00608 U
				60	-18.69	0.00109 U	0.0136 U	0.00272 U	0.0272 U	0.0136 U	0.0136 U	0.00543 U	0.00272 U	0.00543 U	0.00543 U	0.00272 U	0.0136 U	**0.00433**	0.00272 U	0.00543 U
				65	-23.69	**0.000517 J**	0.0145 U	0.0029 U	0.029 U	0.0145 U	0.0145 U	0.0058 U	0.0029 U	0.0058 U	0.0058 U	0.0029 U	0.0145 U	**0.00508**	0.0029 U	0.0058 U
				70	-28.69	0.00122 U	0.0152 U	0.00305 U	0.0305 U	0.0152 U	0.0152 U	0.00609 U	0.00305 U	0.00609 U	0.00609 U	0.00305 U	0.0152 U	**0.00136 J**	0.00305 U	0.00609 U
				75	-33.69	0.00121 U	0.0152 U	0.00303 U	0.0303 U	0.0152 U	0.0152 U	0.00606 U	0.00303 U	0.00606 U	0.00606 U	0.00303 U	0.0152 U	0.00303 U	0.00303 U	0.00606 U
				80	-38.69	0.00119 U	0.0149 U	0.00297 U	0.0297 U	0.0149 U	0.0149 U	0.00594 U	0.00297 U	0.00594 U	0.00594 U	0.00297 U	0.0149 U	0.00297 U	0.00297 U	0.00594 U
MW-326	9/10/2019	N	41.31	85	-43.69	0.00117 U	0.0146 U	0.00292 U	0.0292 U	0.0146 U	0.0146 U	0.00584 U	0.00292 U	0.00584 U	0.00584 U	0.00292 U	0.0146 U	0.00292 U	0.00292 U	0.00584 U
				90	-48.69	0.00118 U	0.0147 U	0.00294 U	0.0294 U	0.0147 U	0.0147 U	0.00589 U	0.00294 U	0.00589 U	0.00589 U	0.00294 U	0.0147 U	0.00294 U	0.00294 U	0.00589 U
				95	-53.69	0.00112 U	0.014 U	0.00281 U	0.0281 U	0.014 U	0.014 U	0.00562 U	0.00281 U	0.00562 U	0.00562 U	0.00281 U	0.014 U	0.00281 U	0.00281 U	0.00562 U
				100	-58.69	0.00121 U	0.0151 U	0.00302 U	0.0302 U	0.0151 U	0.0151 U	0.00604 U	0.00302 U	0.00604 U	0.00604 U	0.00302 U	0.0151 U	0.00302 U	0.00302 U	0.00604 U

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TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO
SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
					Protective of Groundwater Saturated Zone[a]	**0.0018**	NA	NA	NA	**0.34**	NA	**1.8**	NA	NA	NA	NA	**0.0072**	0.0015	**0.24**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0229 U	0.0305 U	0.0457 U	-	0.0229 U	0.0762 U	-	-	0.061 U	-	0.0152 U	0.0381 U	0.0152 U	0.0229 U	0.0152 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.026 U	0.0346 U	0.0519 U	-	0.026 U	0.0866 U	-	-	0.0692 U	-	0.0173 U	0.0433 U	0.0173 U	0.026 U	0.0173 U
B-215	9/12/2017	N	53.95	35	18.95	0.00118 U	0.00118 U	0.00589 U	0.00118 UJ	0.00118 U	0.00118 U	**0.000447 J**	0.0118 U	0.00118 U	-	-	0.00118 U	0.00589 U	0.00589 U	0.00118 U
				45	8.95	0.00106 U	0.00106 U	0.00532 U	0.00106 U	0.00106 U	0.00106 U	**0.00329 J**	0.0106 U	0.00106 U	-	-	0.00106 U	0.00532 U	0.00532 U	0.00106 U
				55	-1.05	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	**0.000446 J**	0.0111 U	0.00111 U	-	-	0.00111 U	0.00554 U	0.00554 U	0.00111 U
				65	-11.05	0.0286 U	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0286 U	0.286 UJ	0.286 U	0.0286 U	-	-	0.0286 U	0.143 U	0.143 U	0.0286 U
				75	-21.05	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.011 UJ	0.011 U	0.0011 U	-	-	0.0011 U	0.00551 U	0.00551 U	0.0011 U
				85	-31.05	0.00121 U	0.00121 U	0.00603 U	0.00121 U	0.00121 U	0.00121 U	0.0121 U	0.0121 U	0.00121 U	-	-	0.00121 U	0.00603 U	0.00603 U	0.00121 U
				95	-41.05	0.0012 U	0.0012 U	0.00598 U	0.0012 U	0.0012 U	0.0012 U	0.012 U	0.012 U	0.0012 U	-	-	0.0012 U	0.00598 U	0.00598 U	0.0012 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	30 - 30.5	17.41 to 16.91	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
		FD				0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	0.005 U	-	-	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0189 UJ	0.005 U	-
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.011 UJ	0.005 U	-
				30 - 30.5	28.20 to 27.70	0.005 U	0.005 U	0.05 U	-	**0.013**	0.025 U	0.025 U	-	0.005 U	-	**0.027**	0.005 U	0.0078 U	**0.036**	-
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 U	-	0.005 U	-	0.01 U	0.005 U	0.078 UJ	0.005 U	-
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.005 U	0.005 U	0.05 U	-	0.005 U	0.025 U	0.025 UJ	-	0.005 U	-	0.01 U	0.005 U	0.0078 UJ	0.005 U	-
MBGW-1	3/6/2019	N	39.95	28 - 30	11.95 to 9.95	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	26	21.77	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
					Protective of Groundwater Saturated Zone[a]	**0.0018**	NA	NA	NA	**0.34**	NA	**1.8**	NA	NA	NA	NA	**0.0072**	0.0015	**0.24**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-8	3/15/2019	N	47.08	35 - 35.7	12.08 to 11.38	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	30 - 30.8	24 to 23.2	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	0.02 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	30	15.59	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
	8/8/2012			40	5.59	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				50	-4.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
	8/9/2012			60	-14.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				70	-24.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				80	-34.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
	8/10/2012			90	-44.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				100	-54.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				110	-64.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				120	-74.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				130	-84.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				138	-92.41	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-106	8/14/2012	N	52.90	30	22.90	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				40	12.90	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				50	2.90	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				60	-7.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
	8/15/2012			70	-17.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				80	-27.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				90	-37.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				100	-47.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				110	-57.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				120	-67.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				130	-77.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				140	-87.10	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Saturated Zone[a]						**0.0018**	NA	NA	NA	**0.34**	NA	**1.8**	NA	NA	NA	NA	**0.0072**	0.0015	**0.24**	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
				35	7.43	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-114	12/10/2012	N	42.43	40	2.43	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				45	-2.57	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				30	27.78	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-117	2/4/2013	N	57.78	40	17.78	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				30	24.50	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-118	3/21/2013	N	54.50	40	14.50	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				50	4.50	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-119	3/21/2013	N	37.66	30	7.66	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				40	-2.34	-	-	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				35	15.32	-	0.0291 U	0.146 U	0.0291 U	0.0291 U	0.0291 U	0.291 U	0.291 U	0.0291 U	-	-	0.0291 U	0.146 U	0.146 U	0.0291 U
				45	5.32	-	0.00107 U	0.00534 U	0.00107 U	0.00107 U	0.00107 U	**0.00107 J**	0.0107 U	0.00107 U	-	-	0.00107 U	0.00534 U	0.00534 U	0.00107 U
				55	-4.68	-	0.0011 U	0.00549 U	0.0011 U	0.0011 U	0.0011 U	**0.0134**	0.011 U	0.0011 U	-	-	0.0011 U	0.00549 U	0.00549 U	0.0011 U
	8/30/2017			65	-14.68	-	0.00107 U	0.00535 U	0.00107 U	0.00107 U	0.00107 U	**0.0087 J**	0.0107 U	0.00107 U	-	-	0.00107 U	0.00535 U	0.00535 U	0.00107 U
MW-140		N	50.32	75	-24.68	-	0.027 U	0.135 U	0.027 U	0.027 U	0.027 U	0.27 U	0.27 U	0.027 U	-	-	**0.00683 J**	0.135 U	0.135 U	0.027 U
				90	-39.68	-	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	**0.00188 J**	0.0118 U	0.00118 U	-	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U
				110	-59.68	-	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	**0.000364 J**	0.0116 U	0.00116 U	-	-	0.00116 U	0.00579 U	0.00579 U	0.00116 U
	8/31/2017			130	-79.68	-	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00113 U	**0.000357 J**	0.0113 U	0.00113 U	-	-	0.00113 U	0.00565 U	0.00565 U	0.00113 U
				140	-89.68	-	0.0282 U	0.141 U	0.0282 UJ	0.0282 U	0.0282 U	**0.0157 J**	0.282 U	0.0282 U	-	-	0.0282 U	0.141 U	0.141 U	0.0282 U
				30	22.49	0.00112 U	0.00112 U	0.00558 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.0112 U	0.00112 U	-	-	0.00112 U	0.00558 U	0.00558 U	0.00112 U
				40	12.49	0.0011 U	0.0011 U	0.00552 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-	-	0.0011 U	0.00552 U	0.00552 U	0.0011 U
				50	2.49	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-	-	0.00111 U	0.00554 U	0.00554 U	0.00111 U
MW-147	4/2/2018	N	52.49	60	-7.51	0.00108 U	0.00108 U	0.00538 U	0.00108 U	0.00108 U	0.00108 U	0.0108 U	0.0108 U	0.00108 U	-	-	0.00108 U	0.00538 U	0.00538 U	0.00108 U
				70	-17.51	0.00112 U	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.00112 U	0.0112 U	0.0112 U	0.00112 U	-	-	0.00112 U	0.0056 U	0.0056 U	0.00112 U
				80	-27.51	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00116 U	0.0116 U	0.0116 U	0.00116 U	-	-	0.00116 U	0.00579 U	0.00579 U	0.00116 U
				30	14.29	0.00112 U	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00112 U	**0.000376 J**	0.0112 U	0.00112 U	-	-	0.00112 U	0.00561 U	0.00561 U	0.00112 U
				40	4.29	0.00109 U	0.00109 U	0.00543 U	0.00109 U	0.00109 U	0.00109 U	0.0109 U	0.0109 U	0.00109 U	-	-	0.00109 U	0.00543 U	0.00543 U	0.00109 U
				50	-5.71	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-	-	0.0011 U	0.00551 U	0.00551 U	0.0011 U
MW-148	4/9/2018	N	44.29	60	-15.71	0.00126 U	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00126 U	0.0126 U	0.0126 U	0.00126 U	-	-	0.00126 U	0.00631 U	0.00631 U	0.00126 U
				70	-25.71	0.00126 U	0.00126 U	0.0063 U	0.00126 U	0.00126 U	0.00126 U	**0.00557 J**	0.0126 U	0.00126 U	-	-	0.00126 U	0.0063 U	0.0063 U	0.00126 U
				80	-35.71	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00118 U	**0.00183 J**	0.0118 U	0.00118 U	-	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexa chloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	12	**800**	**16000**	NA	8000	NA	4800	NA	**8000**	NA	NA	560	94	1600	**4000**
					Protective of Groundwater Saturated Zone[a]	**0.0018**	NA	NA	NA	**0.34**	NA	**1.8**	NA	NA	NA	NA	**0.0072**	0.0015	**0.24**	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.0015	0.001	0.002	NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
				30	24.84	0.00107 U	0.00107 U	0.00536 U	0.00107 UJ	0.00107 U	0.00107 U	0.0107 U	0.0107 U	0.00107 U	-	-	0.00107 U	0.00536 U	0.00536 U	0.00107 U
MW-153	3/27/2018	N	54.84	40	14.84	0.00113 U	0.00113 U	0.00566 U	0.00113 UJ	0.00113 U	0.00113 U	0.0113 U	0.0113 U	0.00113 U	-	-	0.00113 U	0.00566 U	0.00566 U	0.00113 U
				50	4.84	0.00111 U	0.00111 U	0.00555 U	0.00111 UJ	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-	-	0.00111 U	0.00555 U	0.00555 U	0.00111 U
				61	-6.16	0.00114 U	0.00114 U	0.00568 U	0.00114 UJ	0.00114 U	0.00114 U	0.0114 U	0.0114 U	0.00114 U	-	-	0.00114 U	0.00568 U	0.00568 U	0.00114 U
				70	-15.16	0.00111 U	0.00111 U	0.00557 U	0.00111 UJ	0.00111 U	0.00111 U	0.0111 U	0.0111 U	0.00111 U	-	-	0.00111 U	0.00557 U	0.00557 U	0.00111 U
	3/28/2018			80	-25.16	0.0011 U	0.0011 U	0.00552 U	0.0011 UJ	0.0011 U	0.0011 U	0.011 U	0.011 U	0.0011 U	-	-	0.0011 U	0.00552 U	0.00552 U	0.0011 U
				90	-35.16	0.0012 U	0.0012 U	0.00602 U	0.0012 UJ	0.0012 U	0.0012 U	0.012 U	0.012 U	0.0012 U	-	-	0.0012 U	0.00602 U	0.00602 U	0.0012 U
				110	-55.16	0.00118 U	0.00118 U	0.00588 U	0.00118 UJ	0.00118 U	0.00118 U	0.0118 U	0.0118 U	0.00118 U	-	-	0.00118 U	0.00588 U	0.00588 U	0.00118 U
	3/29/2018			130	-75.16	0.00115 U	0.00115 U	0.00574 U	0.00115 UJ	0.00115 U	0.00115 U	0.0115 U	0.0115 U	0.00115 U	-	-	0.00115 U	0.00574 U	0.00574 U	0.00115 U
MW-316	9/9/2019	N	49.73	30	19.73	0.00277 U	0.00555 U	0.00277 U	0.00111 U	0.00277 U	0.0277 U	**0.00285 J**	0.0139 U	0.00277 U	-	-	0.00111 U	0.0277 U	0.0139 U	0.0139 U
				35	14.73	0.00282 U	0.00564 U	0.00282 U	0.00113 U	0.00282 U	0.0282 U	**0.00409 J**	0.0141 U	0.00282 U	-	-	0.00113 U	0.0282 U	0.0141 U	0.0141 U
				40	9.73	0.00284 U	0.00569 U	0.00284 U	0.00114 U	0.00284 U	0.0284 U	**0.00485 J**	0.0142 U	0.00284 U	-	-	0.00114 U	0.0284 U	0.0142 U	0.0142 U
				45	4.73	0.00278 U	0.00556 U	0.00278 U	0.00111 U	0.00278 U	0.0278 U	**0.00338 J**	0.0139 U	0.00278 U	-	-	0.00111 U	0.0278 U	0.0139 U	0.0139 U
				50	-0.27	0.00299 U	0.00598 U	0.00299 U	0.0012 U	0.00299 U	0.0299 U	**0.00718**	0.015 U	0.00299 U	-	-	0.0012 U	0.0299 U	0.015 U	0.015 U
				55	-5.27	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00267 J**	0.0142 U	0.00283 U	-	-	0.00113 U	0.0283 U	0.0142 U	0.0142 U
				60	-10.27	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	**0.00484 J**	0.0141 U	0.00281 U	-	-	0.00112 U	0.0281 U	0.0141 U	0.0141 U
	9/10/2019			65	-15.27	0.00374 U	0.00748 U	0.00374 U	0.0015 U	0.00374 U	0.0374 U	**0.00602 J**	0.0187 U	0.00374 U	-	-	0.0015 U	0.0374 U	0.0187 U	0.0187 U
				70	-20.27	0.00283 U	0.00566 U	0.00283 U	0.00113 U	0.00283 U	0.0283 U	**0.00431 J**	0.0141 U	0.00283 U	-	-	0.00113 U	0.0283 U	0.0141 U	0.0141 U
MW-326	9/9/2019	N	41.31	30	11.31	0.0101 U	0.0202 U	0.0101 U	0.00404 U	0.0101 U	0.101 U	0.0202 U	0.0505 U	0.0101 U	-	-	0.00404 U	**0.035 J**	0.0505 U	0.0505 U
				35	6.31	0.00309 U	0.00618 U	0.00309 U	0.00124 U	0.00309 U	0.0309 U	**0.00352 J**	0.0155 U	0.00309 U	-	-	0.00124 U	**0.012 J**	0.0155 U	0.0155 U
				40	1.31	0.00298 U	0.00596 U	0.00298 U	0.00119 U	0.00298 U	0.0298 U	**0.00406 J**	0.0149 U	0.00298 U	-	-	0.00119 U	**0.00885 J**	0.0149 U	0.0149 U
				45	-3.69	0.00301 U	0.00602 U	0.00301 U	0.0012 U	0.00301 U	0.0301 U	**0.00229 J**	0.0151 U	0.00301 U	-	-	0.0012 U	**0.00974 J**	0.0151 U	0.0151 U
				50	-8.69	0.00286 U	0.00572 U	0.00286 U	0.00114 U	0.00286 U	0.0286 U	0.00572 U	0.0143 U	0.00286 U	-	-	0.00114 U	**0.0118 J**	0.0143 U	0.0143 U
				55	-13.69	0.00304 U	0.00608 U	0.00304 U	0.00122 U	0.00304 U	0.0304 U	**0.00564 J**	0.0152 U	0.00304 U	-	-	0.00122 U	**0.0149 J**	0.0152 U	0.0152 U
				60	-18.69	0.00272 U	0.00543 U	0.00272 U	0.00109 U	0.00272 U	0.0272 U	0.00543 U	0.0136 U	0.00272 U	-	-	0.00109 U	**0.0105 J**	0.0136 U	0.0136 U
				65	-23.69	0.0029 U	0.0058 U	0.0029 U	0.00116 U	0.0029 U	0.029 U	**0.004 J**	0.0145 U	0.0029 U	-	-	0.00116 U	0.029 U	0.0145 U	0.0145 U
				70	-28.69	0.00305 U	0.00609 U	0.00305 U	0.00122 U	0.00305 U	0.0305 U	**0.00325 J**	0.0152 U	0.00305 U	-	-	0.00122 U	0.0305 U	0.0152 U	0.0152 U
				75	-33.69	0.00303 U	0.00606 U	0.00303 U	0.00121 U	0.00303 U	0.0303 U	**0.0033 J**	0.0152 U	0.00303 U	-	-	0.00121 U	0.0303 U	0.0152 U	0.0152 U
				80	-38.69	0.00297 U	0.00594 U	0.00297 U	0.00119 U	0.00297 U	0.0297 U	**0.00388 J**	0.0149 U	0.00297 U	-	-	0.00119 U	0.0297 U	0.0149 U	0.0149 U
MW-326	9/10/2019	N	41.31	85	-43.69	0.00292 U	0.00584 U	0.00292 U	0.00117 U	0.00292 U	0.0292 U	0.00584 U	0.0146 U	0.00292 U	-	-	0.00117 U	0.0292 U	0.0146 U	0.0146 U
				90	-48.69	0.00294 U	0.00589 U	0.00294 U	0.00118 U	0.00294 U	0.0294 U	**0.00493 J**	0.0147 U	0.00294 U	-	-	0.00118 U	0.0294 U	0.0147 U	0.0147 U
				95	-53.69	0.00281 U	0.00562 U	0.00281 U	0.00112 U	0.00281 U	0.0281 U	0.00562 U	0.014 U	0.00281 U	-	-	0.00112 U	0.0281 U	0.014 U	0.014 U
				100	-58.69	0.00302 U	0.00604 U	0.00302 U	0.00121 U	0.00302 U	0.0302 U	0.00604 U	0.0151 U	0.00302 U	-	-	0.00121 U	0.0302 U	0.0151 U	0.0151 U

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TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO
SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Saturated Zone[a]						NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA	**2.3**	8.90E-05	**0.83**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	**0.0015**	0.005
21417-MB8	5/11/2017	N	45.28	27	18.28	0.0152 U	0.0152 U	0.0152 U	0.0152 U	**0.0238**	0.0152 U	0.0152 U	0.0229 U	-	0.0152 U	0.0381 U	-	-	0.00152 U	0.0152 U
21417-MB10	5/11/2017	N	38.08	28	10.08	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.026 U	-	0.0173 U	0.0433 U	-	-	0.0173 U	0.0173 U
B-215	9/12/2017	N	53.95	35	18.95	0.00118 U	-	0.00118 U	0.00118 U	**0.0277**	0.00589 U	0.00118 U	0.00118 U	0.00295 UJ	**0.00195**	0.00589 U	0.00118 U	0.0118 U	0.00118 U	0.00354 U
				45	8.95	0.00106 U	-	0.00106 U	0.00106 U	0.00106 U	0.00532 U	0.00106 U	0.00106 U	0.00266 UJ	0.00106 U	0.00532 U	0.00106 U	0.0106 U	0.00106 U	0.00319 U
				55	-1.05	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00554 U	0.00111 U	0.00111 U	0.00277 UJ	0.00111 U	0.00554 U	0.00111 U	0.0111 U	0.00111 U	0.00332 U
				65	-11.05	0.0286 U	-	0.0286 U	0.0286 U	**11.1**	0.143 U	0.0286 U	0.0286 U	0.0715 UJ	**1.02**	0.143 U	0.0286 U	0.286 U	0.0286 U	0.0858 U
				75	-21.05	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.00276 UJ	0.0011 U	0.00551 U	0.0011 U	0.011 U	0.0011 U	0.00331 U
				85	-31.05	0.00121 U	-	0.00121 U	0.00121 U	0.00121 U	0.00603 U	0.00121 U	0.00121 U	0.00301 UJ	0.00121 U	0.00603 U	0.00121 U	0.0121 U	0.00121 U	0.00362 U
				95	-41.05	0.0012 U	-	0.0012 U	0.0012 U	0.0012 U	0.00598 U	0.0012 U	0.0012 U	0.00299 UJ	0.0012 U	0.00598 U	0.0012 U	0.012 U	0.0012 U	0.00359 U
HMW-1IB	3/12/2019	N	38.29	27.5 - 29	10.79 to 9.29	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				50 - 51.5	-11.71 to -13.21	0.05 U	-	0.05 U	0.05 U	**0.12 J**	0.05 U	0.05 U	0.05 U	-	**0.024 J**	0.05 U	-	-	0.05 U	0.05 U
				65 - 65.4	-26.71 to -27.11	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-2IB	3/12/2019	N	47.41	30 - 30.5	17.41 to 16.91	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46	2.41 to 1.41	0.05 U	-	0.05 U	0.05 U	**0.12 J**	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				65 - 66.5	-17.59 to -19.09	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
		FD				-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30 - 30.5	28.20 to 27.70	**0.0099**	**0.017**	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	**0.044**
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.005 U	0.005 U	0.005 U	0.005 U	0.025 U	0.005 U	0.001 U	0.005 U	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
MBGW-1	3/6/2019	N	39.95	28 - 30	11.95 to 9.95	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-3	3/7/2019	N	47.77	26	21.77	0.05 U	-	0.05 U	0.05 U	**0.074**	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				45 - 46.5	4.87 to 3.37	0.05 U	-	0.05 U	0.05 U	**3.4**	0.05 U	0.05 U	0.05 U	-	**0.47**	0.05 U	-	-	0.05 U	0.05 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
					Protective of Groundwater Saturated Zone[a]	NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA	**2.3**	8.90E-05	**0.83**
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	**0.0015**	0.005
MBGW-6	3/14/2019	N	52.50	30 - 30.5	22.5 to 22	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-7	3/6/2019	N	53.76	30 - 30.5	23.76 to 23.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-8	3/15/2019	N	47.08	35 - 35.7	12.08 to 11.38	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-9	3/13/2019	N	56.84	30 - 31.5	26.84 to 25.34	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-10	3/13/2019	N	55.25	30 - 30.8	25.25 to 24.45	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-12	3/15/2019	N	54.00	30 - 30.8	24 to 23.2	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-14	3/6/2019	N	46.09	28 - 30	18.09 to 16.09	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBGW-16	3/8/2019	N	52.14	30 - 31	22.14 to 21.14	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-2	3/5/2019	N	44.46	26.5 - 28	17.96 to 16.46	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-6	3/8/2019	N	52.26	29 - 30	23.26 to 22.26	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MBPP-8	3/8/2019	N	57.52	29 - 30	28.52 to 27.52	0.05 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MW-105	8/6/2012	N	45.59	30	15.59	-	-	-	-	**1.3**	-	0.05 U	-	-	**0.16**	-	-	-	0.05 U	-
	8/8/2012			40	5.59	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				50	-4.41	-	-	-	-	**0.18**	-	0.05 U	-	-	**0.04**	-	-	-	0.05 U	-
	8/9/2012			60	-14.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				70	-24.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				80	-34.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				90	-44.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
	8/10/2012			100	-54.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				110	-64.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				120	-74.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				130	-84.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				138	-92.41	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-106	8/14/2012	N	52.90	30	22.90	-	-	-	-	**0.038**	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	12.90	-	-	-	-	**3.1**	-	0.05 U	-	-	**0.15**	-	-	-	0.05 U	-
				50	2.90	-	-	-	-	**0.73**	-	0.05 U	-	-	**0.17**	-	-	-	0.05 U	-
	8/15/2012			60	-7.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				70	-17.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				80	-27.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				90	-37.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				100	-47.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				110	-57.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				120	-67.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				130	-77.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				140	-87.10	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Saturated Zone[a]						NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA	**2.3**	8.90E-05	**0.83**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	**0.0015**	0.005
				35	7.43	-	-	-	-	**8.8**	-	0.05 U	-	-	**0.45**	-	-	-	0.05 U	-
MW-114	12/10/2012	N	42.43	40	2.43	-	-	-	-	**0.59**	-	0.05 U	-	-	**0.071**	-	-	-	0.05 U	-
				45	-2.57	-	-	-	-	**0.25**	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-117	2/4/2013	N	57.78	30	27.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	17.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				50	7.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-118	3/21/2013	N	54.50	30	24.50	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	14.50	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				50	4.50	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-119	3/21/2013	N	37.66	30	7.66	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
				40	-2.34	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-	-	0.05 U	-
MW-140	8/30/2017	N	50.32	35	15.32	0.0291 U	-	0.0291 U	0.0291 U	**15.1**	0.146 U	0.0291 U	0.0291 U	0.0728 U	**0.629**	0.146 U	-	0.291 U	**0.0107 J**	0.0874 U
				45	5.32	0.00107 U	-	0.00107 U	0.00107 U	**4.27**	0.00534 U	0.00107 U	0.00107 U	0.00267 U	**0.0793**	0.00534 U	0.00107 U	0.0107 U	**0.0016**	0.0032 U
				55	-4.68	0.0011 U	-	0.0011 U	0.0011 U	**1.56**	**0.000498 J**	**0.0005 J**	0.0011 U	0.00274 U	**0.0496**	0.00549 U	0.0011 U	0.011 U	**0.099**	0.00329 U
				65	-14.68	0.00107 U	-	0.00107 U	0.00107 U	0.027 U	0.00535 U	0.00107 U	0.00107 U	0.00268 U	0.00107 U	0.00535 U	0.00107 U	0.0107 U	0.00107 U	0.00321 U
				75	-24.68	0.027 U	-	0.027 U	0.027 U	0.027 U	0.135 U	0.027 U	0.027 U	0.0674 U	0.027 U	0.135 U	0.027 U	0.27 U	0.027 U	0.0809 U
				90	-39.68	0.00118 UJ	-	0.00118 U	0.00118 U	0.00118 U	0.00588 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00588 U	0.00118 U	0.0118 U	0.00118 U	0.00353 U
	8/31/2017			110	-59.68	0.00116 U	-	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.0029 U	0.00116 U	0.00579 U	0.00116 U	0.0116 U	0.00116 U	0.00347 U
				130	-79.68	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00565 U	0.00113 U	0.00113 U	0.00283 U	0.00113 U	0.00565 U	0.00113 U	0.0113 U	0.00113 U	0.00339 U
				140	-89.68	0.0282 UJ	-	0.0282 U	0.0282 U	0.0282 U	0.141 U	0.0282 U	0.0282 U	0.0706 UJ	0.0282 U	0.141 U	0.0282 U	0.282 U	0.0282 U	0.0847 U
MW-147	4/2/2018	N	52.49	30	22.49	0.00112 U	-	0.00112 U	0.00112 U	**0.0238**	0.00558 U	0.00112 U	0.00112 U	0.00279 U	**0.0033**	0.00558 U	0.00112 U	0.0112 U	0.00112 U	0.00335 U
				40	12.49	0.0011 U	-	0.0011 U	0.0011 U	**0.0146**	0.00552 U	0.0011 U	0.0011 U	0.00276 U	**0.00118**	0.00552 U	0.0011 U	0.011 U	**0.0615**	0.00331 U
				50	2.49	0.00111 U	-	0.00111 U	0.00111 U	**0.00175**	0.00554 U	0.00111 U	0.00111 U	0.00277 U	**0.00105 J**	0.00554 U	0.00111 U	0.0111 U	**0.00322**	0.00332 U
				60	-7.51	0.00108 U	-	0.00108 U	0.00108 U	**0.000607 J**	0.00538 U	0.00108 U	0.00108 U	0.00269 U	0.00108 U	0.00538 U	0.00108 U	0.0108 U	0.00108 U	0.00323 U
				70	-17.51	0.00112 U	-	0.00112 U	0.00112 U	0.00112 U	0.0056 U	0.00112 U	0.00112 U	0.0028 U	0.00112 U	0.0056 U	0.00112 U	0.0112 U	**0.000502 J**	0.00336 U
				80	-27.51	0.00116 U	-	0.00116 U	0.00116 U	0.00116 U	0.00579 U	0.00116 U	0.00116 U	0.00289 U	0.00116 U	0.00579 U	0.00116 U	0.0116 U	0.00116 U	0.00347 U
MW-148	4/9/2018	N	44.29	30	14.29	0.00112 U	-	0.00112 U	0.00112 U	0.00112 U	0.00561 U	0.00112 U	0.00112 U	0.00281 U	0.00112 U	0.00561 U	0.00112 U	0.0112 U	**0.0144**	0.00337 U
				40	4.29	0.00109 U	-	0.00109 U	0.00109 U	**0.000801 J**	0.00543 U	0.00109 U	0.00109 U	0.00272 U	**0.000551 J**	0.00543 U	0.00109 U	0.0109 U	0.00109 U	0.00326 U
				50	-5.71	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00551 U	0.0011 U	0.0011 U	0.00276 U	0.0011 U	0.00551 U	0.0011 U	0.011 U	0.0011 U	0.00331 U
				60	-15.71	0.00126 U	-	0.00126 U	0.00126 U	0.00126 U	0.00631 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.00631 U	0.00126 U	0.0126 U	0.00126 U	0.00379 U
				70	-25.71	0.00126 U	-	0.00126 U	0.00126 U	**0.000618 J**	0.0063 U	0.00126 U	0.00126 U	0.00315 U	0.00126 U	0.0063 U	0.00126 U	0.0126 U	0.00126 U	0.00378 U
				80	-35.71	0.00118 U	-	0.00118 U	0.00118 U	**0.000585 J**	0.00588 U	0.00118 U	0.00118 U	0.00294 U	0.00118 U	0.00588 U	0.00118 U	0.0118 U	0.00118 U	0.00353 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds														
						n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	**8000**	NA	16000	**8000**	480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
					Protective of Groundwater Saturated Zone[a]	NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA	**2.3**	8.90E-05	**0.83**
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.001	NA	0.002	0.001	0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	**0.0015**	0.005
				30	24.84	0.00107 U	-	0.00107 U	0.00107 U	0.00107 U	0.00536 U	0.00107 U	0.00107 U	0.00268 UJ	0.00107 U	0.00536 U	0.00107 U	0.0107 UJ	0.00107 U	0.00322 U
MW-153	3/27/2018	N	54.84	40	14.84	0.00113 U	-	0.00113 U	0.00113 U	0.00113 U	0.00566 U	0.00113 U	0.00113 U	0.00283 UJ	**0.000486 J**	0.00566 U	0.00113 U	0.0113 UJ	0.00113 U	0.0034 U
				50	4.84	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00555 U	0.00111 U	0.00111 U	0.00277 UJ	0.00111 U	0.00555 U	0.00111 U	0.0111 UJ	**0.00767**	0.00333 U
				61	-6.16	0.00114 U	-	0.00114 U	0.00114 U	0.00114 U	0.00568 U	0.00114 U	0.00114 U	0.00284 UJ	0.00114 U	0.00568 U	0.00114 U	0.0114 UJ	**0.000344 J**	0.00341 U
				70	-15.16	0.00111 U	-	0.00111 U	0.00111 U	0.00111 U	0.00557 U	0.00111 U	0.00111 U	0.00278 UJ	0.00111 U	0.00557 U	0.00111 U	0.0111 UJ	**0.000902 J**	0.00334 U
	3/28/2018			80	-25.16	0.0011 U	-	0.0011 U	0.0011 U	0.0011 U	0.00552 U	0.0011 U	0.0011 U	0.00276 UJ	0.0011 U	0.00552 U	0.0011 U	0.011 UJ	**0.00148**	0.00331 U
				90	-35.16	0.0012 U	-	0.0012 U	0.0012 U	**0.000799 J**	0.00602 U	0.0012 U	0.0012 U	0.00301 UJ	0.0012 U	0.00602 U	0.0012 U	0.012 UJ	**0.00176**	0.00361 U
				110	-55.16	0.00118 U	-	0.00118 U	0.00118 U	**0.00254**	0.00588 U	0.00118 U	0.00118 U	0.00294 UJ	0.00118 U	0.00588 U	0.00118 U	0.0118 UJ	**0.00311**	0.00353 U
	3/29/2018			130	-75.16	0.00115 U	-	0.00115 U	0.00115 U	**0.000648 J**	0.00574 U	0.00115 U	0.00115 U	0.00287 UJ	0.00115 U	0.00574 U	0.00115 U	0.0115 UJ	0.00115 U	0.00345 U
MW-316	9/9/2019	N	49.73	30	19.73	0.00555 U	-	0.0139 U	0.00555 U	0.00277 U	**0.00612**	0.00555 U	0.00555 U	0.00555 U	0.00111 U	0.00277 U	0.00277 U	0.0139 U	0.00277 U	0.00721 U
				35	14.73	0.00564 U	-	0.0141 U	0.00564 U	0.00282 U	**0.00707**	0.00564 U	0.00564 U	0.00564 U	0.00113 U	**0.0017 J**	0.00282 U	0.0141 U	0.00282 U	0.00734 U
				40	9.73	0.00569 U	-	0.0142 U	0.00569 U	0.00284 U	**0.00483 J**	0.00569 U	0.00569 U	0.00569 U	0.00114 U	0.00284 U	0.00284 U	0.0142 U	0.00284 U	0.0074 U
				45	4.73	0.00556 U	-	0.0139 U	0.00556 U	0.00278 U	**0.00703**	0.00556 U	0.00556 U	0.00556 U	0.00111 U	**0.00156 J**	0.00278 U	0.0139 U	0.00278 U	0.00723 U
				50	-0.27	0.00598 U	-	0.015 U	0.00598 U	0.00299 U	**0.0112**	0.00598 U	0.00598 U	0.00598 U	0.0012 U	**0.00236 J**	0.00299 U	0.015 U	0.00299 U	0.00778 U
				55	-5.27	0.00566 U	-	0.0142 U	0.00566 U	0.00283 U	**0.00464 J**	0.00566 U	0.00566 U	0.00566 U	0.00113 U	0.00283 U	0.00283 U	0.0142 U	0.00283 U	0.00736 U
				60	-10.27	0.00562 U	-	0.0141 U	0.00562 U	0.00281 U	**0.00596**	0.00562 U	0.00562 U	0.00562 U	0.00112 U	**0.00162 J**	0.00281 U	0.0141 U	0.00281 U	0.00731 U
	9/10/2019			65	-15.27	0.00748 U	-	0.0187 U	0.00748 U	0.00374 U	**0.0131**	0.00748 U	0.00748 U	0.00748 U	0.0015 U	**0.00346 J**	0.00374 U	0.0187 U	0.00374 U	0.00973 U
				70	-20.27	0.00566 U	-	0.0141 U	0.00566 U	0.00283 U	**0.00694**	0.00566 U	0.00566 U	0.00566 U	0.00113 U	**0.00167 J**	0.00283 U	0.0141 U	0.00283 U	0.00736 U
MW-326	9/9/2019	N	41.31	30	11.31	0.0202 U	-	0.0505 U	0.0202 U	0.0101 U	**0.0174 J**	0.0202 U	0.0202 U	0.0202 U	0.00404 U	0.0101 U	0.0101 U	0.0505 U	0.0101 U	0.0263 U
				35	6.31	0.00618 U	-	0.0155 U	0.00618 U	0.00309 U	**0.00819**	0.00618 U	0.00618 U	0.00618 U	0.00124 U	0.00309 U	0.00309 U	0.0155 U	0.00309 U	0.00804 U
				40	1.31	0.00596 U	-	0.0149 U	0.00596 U	0.00298 U	**0.00812**	0.00596 U	0.00596 U	0.00596 U	0.00119 U	**0.00319**	0.00298 U	0.0149 U	0.00298 U	0.00775 U
				45	-3.69	0.00602 U	-	0.0151 U	0.00602 U	0.00301 U	**0.0079**	0.00602 U	0.00602 U	0.00602 U	**0.00169**	**0.00224 J**	0.00301 U	0.0151 U	0.00301 U	0.00783 U
				50	-8.69	0.00572 U	-	0.0143 U	0.00572 U	**0.101 J**	**0.0048 J**	0.00572 U	0.00572 U	0.00572 U	**0.0145**	**0.00227 J**	0.00286 U	0.0143 U	0.00286 U	0.00743 U
				55	-13.69	0.00608 U	-	0.0152 U	0.00608 U	0.00304 U	**0.0143**	0.00608 U	0.00608 U	0.00608 U	0.00122 U	**0.00346**	0.00304 U	0.0152 U	0.00304 U	0.00791 U
				60	-18.69	0.00543 U	-	0.0136 U	0.00543 U	0.00272 U	**0.0038 J**	0.00543 U	0.00543 U	0.00543 U	0.00109 U	0.00272 U	0.00272 U	0.0136 U	0.00272 U	0.00706 U
				65	-23.69	0.0058 U	-	0.0145 U	0.0058 U	**0.00753**	**0.00667**	0.0058 U	0.0058 U	0.0058 UJ	**0.00243**	0.0029 U	0.0029 U	0.0145 U	0.0029 U	0.00753 U
				70	-28.69	0.00609 U	-	0.0152 U	0.00609 U	0.00305 U	**0.00699**	0.00609 U	0.00609 U	0.00609 UJ	0.00122 U	**0.0021 J**	0.00305 U	0.0152 U	0.00305 U	0.00792 U
				75	-33.69	0.00606 U	-	0.0152 U	0.00606 U	0.00303 U	**0.00783**	0.00606 U	0.00606 U	0.00606 UJ	0.00121 U	0.00303 U	0.00303 U	0.0152 U	0.00303 U	0.00788 U
				80	-38.69	0.00594 U	-	0.0149 U	0.00594 U	0.00297 U	**0.00436 J**	0.00594 U	0.00594 U	0.00594 UJ	0.00119 U	**0.00217 J**	0.00297 U	0.0149 U	0.00297 U	0.00773 U
MW-326	9/10/2019	N	41.31	85	-43.69	0.00584 U	-	0.0146 U	0.00584 U	0.00292 U	**0.00342 J**	0.00584 U	0.00584 U	0.00584 UJ	0.00117 U	0.00292 U	0.00292 U	0.0146 U	0.00292 U	0.0076 U
				90	-48.69	0.00589 U	-	0.0147 U	0.00589 U	0.00294 U	**0.00651**	0.00589 U	0.00589 U	0.00589 UJ	0.00118 U	0.00294 U	0.00294 U	0.0147 U	0.00294 U	0.00765 U
				95	-53.69	0.00562 U	-	0.014 U	0.00562 U	0.00281 U	**0.0102**	0.00562 U	0.00562 U	0.00562 UJ	0.00112 U	0.00281 U	0.00281 U	0.014 U	0.00281 U	0.0073 U
				100	-58.69	0.00604 U	-	0.0151 U	0.00604 U	0.00302 U	**0.0108**	0.00604 U	0.00604 U	0.00604 UJ	0.00121 U	0.00302 U	0.00302 U	0.0151 U	0.00302 U	0.00785 U

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Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds										
						Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						480	6400	1600	10	NA	12	**24000**	NA	80000	0.67	16000
Protective of Groundwater Saturated Zone[a]						**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA	**2.3**	8.90E-05	**0.83**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.0015	0.0015	0.0015	**0.003**	0.005	0.0015	0.002	NA	0.005	**0.0015**	0.005

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

TABLE 7-3i
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Polychlorinated Biphenyls									
						Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268	Total PCB Aroclors
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	1
Protective of Groundwater Saturated Zone[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.14**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
				30 - 30.5	28.20 to 27.70	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).
COPC = Constituent of Potential Concern.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PCB = Polychlorinated biphenyl.
PQL = Practical Quantitation Limit.
U = Not detected at detection limit indicated.

TABLE 7-3j
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Inorganic Compounds							
						Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Lead mg/kg	Mercury mg/kg	Selenium mg/kg	Silver mg/kg
					Direct Contact	0.67	16000	80	120000	250	24	400	400
					Protective of Groundwater Saturated Zone	0.017	**83**	0.035	**24000**	**150**	**0.1**	0.26	**0.69**
					Natural Background	**7.3**	NA	**0.77**	48	17	0.07	NA	NA
					Median PQL	0.1	0.1	0.1	0.1	0.1	0.02	**0.5**	0.1
21417-MB8	5/11/2017	N	45.28	27	18.28	**2.69**	**31.8**	0.168 U	**29.3**	**2.38**	0.276 U	**0.988**	0.0842 U
21417-MB10	5/11/2017	N	38.08	28	10.08	**7.75**	**42**	0.174 U	**43.2**	**6.75**	0.268 U	**0.99**	0.0872 U
HMW-6D	3/2/2020	N	58.58	30 - 31.5	28.58 to 27.08	**1.61**	-	1 U	**14.4 J**	**1.69**	1 U	-	-
		FD				**1.42**	-	1 U	**10.8 J**	**1.44**	1 U	-	-
HMW-6IA	3/2/2020	N	58.65	30 - 31.5	28.65 to 27.15	**3.1**	-	1 U	**19.9**	**4.88**	1 U	-	-
HMW-11S	2/25/2020	N	41.47	31 - 32.5	10.47 to 8.97	1 U	-	1 U	**16**	**1.33**	1 U	-	-
HMW-18S	9/3/2020	N	57.61	30 - 31	27.61 to 26.61	**1.03**	-	1 U	**15.5**	**1.54**	1 U	-	-
HMW-19S	9/8/2020	N	58.20	26 - 26.8	32.20 to 31.40	**1.44**	-	1 U	**20.5**	**1.31**	1 U	-	-
				30 - 30.5	28.20 to 27.70	**1.31**	-	1 U	**38.2**	**1.49**	1 U	-	-
HMW-20S	9/8/2020	N	53.81	30 - 31	23.81 to 22.81	**1.32**	-	1 U	**29.5**	**1.77**	1 U	-	-
MBB-22	9/21/2020	N	42.05	30 - 30.5	12.05 to 11.55	**1.96**	-	1 U	**40**	**1.97**	1 U	-	-
MBB-23	9/21/2020	N	47.18	30 - 31	17.18 to 16.18	**1.68**	-	1 U	**16.2**	**1.36**	1 U	-	-
MBB-24	9/9/2020	N	54.10	30 - 31	24.10 to 23.10	1 U	-	1 U	**14.1**	**1.34**	1 U	-	-
MBGW-2	3/4/2019	N	46.11	30 - 31.5	16.11 to 14.61	12 U	**46**	0.61 U	**42**	6.1 U	0.31 U	12 U	0.61 U
MBGW-5	3/11/2019	N	49.87	27.5 - 29	22.37 to 20.87	11 U	**39**	0.56 U	**25**	5.6 U	0.28 U	11 U	0.56 U
MBGW-7	3/6/2019	N	53.76	40 - 40.5	13.76 to 13.26	11 U	**42**	0.56 U	**36**	5.6 U	0.28 U	11 U	0.56 U

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

J = Estimated value.

mg/kg = milligram per kilogram.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

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TABLE 7-3k
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**800**	NA	**500**	**500**	NA	**500**	**500**	**500**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							250	NA	110	110	NA	NA	NA	NA
SHALLOW ZONE														
21417-MB4	57.24	N	15 - 25	42.24 to 32.24	G	5/12/2017	50 U	-	**281**	-	-	**226**	-	**507**
21417-MB9	39.05	N	15 - 25	24.05 to 14.05	G	5/11/2017	50 U	-	50 U	-	-	**146**	-	**146**
21417-MB10	38.08	N	20 - 30	18.08 to 8.08	G	5/11/2017	50 U	-	50.2 U	-	-	**970**	-	**970**
21417-MB11	39.04	N	15 - 25	24.04 to 14.04	G	5/11/2017	50 U	-	50.1 U	-	-	**238**	-	**238**
BB-10	57.40	N	29 - 39	28.40 to 18.40	MW	11/13/1997	100 U	-	630 U	-	-	630 U	-	630 U
HMW-1S	36.01	N	20 - 30	16.01 to 6.01	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/11/2020	100 U	-	**200 J**	-	-	250 U	-	**200 J**
HMW-2S	47.39	N	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	**56 J**	-	-	260 U	-	**56 J**
HMW-9S	55.39	N	25 - 35	30.39 to 20.39	MW	3/17/2020	100 U	-	**61 J**	-	-	250 U	-	**61 J**
HMW-10S	48.21	N	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	100 U	-	**66 J**	-	-	250 U	-	**66 J**
HMW-11S	41.47	N	25 - 35	16.47 to 6.47	MW	3/11/2020	100 U	-	620 U	-	-	250 U	-	620 U
HMW-17S	57.21	N	35 - 45	22.21 to 12.21	MW	9/17/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-18S	57.61	N	35 - 45	22.61 to 12.61	MW	9/17/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-19S	58.20	N	35 - 45	23.20 to 13.20	MW	9/17/2020	**170**	-	50 U	-	-	250 U	-	250 U
HMW-20S	53.81	N	25 - 35	28.81 to 18.81	MW	9/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-21S	38.17	N	30 - 40	8.17 to -1.83	MW	11/3/2020	-	-	50 U	-	-	250 U	-	250 U
HMW-22S	38.75	N	27 - 37	11.75 to 1.75	MW	11/3/2020	-	-	**62 J**	-	-	250 U	-	250 U
MBB-1	55.02	N	32 - 37	23.02 to 18.02	G	3/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-2	55.45	N	32 - 37	23.45 to 18.45	G	3/3/2020	**160**	-	**130 J**	-	-	250 U	-	**130 J**
MBB-3	54.84	N	32 - 37	22.84 to 17.84	G	3/4/2020	**720**	-	**150 J**	-	-	250 U	-	**150 J**
MBB-4	54.61	N	32 - 37	22.61 to 17.61	G	3/5/2020	**180**	-	**100 J**	-	-	250 U	-	**100 J**
MBB-5	50.53	N	32 - 37	18.53 to 13.53	G	3/5/2020	**240**	-	**150 J**	-	-	250 U	-	**150 J**
MBB-6	50.33	N	25 - 30	25.33 to 20.33	G	3/5/2020	**180**	-	**69 J**	-	-	250 U	-	**69 J**
MBB-7	49.41	N	27 - 32	22.41 to 17.41	G	3/4/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-8	49.66	N	27 - 32	22.66 to 17.66	G	2/27/2020	100 U	-	90 UJ	-	-	450 UJ	-	450 UJ
MBB-9	47.55	N	27 - 32	20.55 to 15.55	G	2/28/2020	100 U	-	**220 J**	-	-	**290 J**	-	**510 J**
MBB-10	49.66	N	35 - 40	14.66 to 9.66	G	2/27/2020	**130**	-	**96**	-	-	250 U	-	**96**
MBB-15	37.73	N	30 - 35	7.73 to 2.73	G	3/6/2020	-	-	**360 J**	-	-	250 U	-	**360 J**
MBB-16	53.70	N	30 - 40	23.70 to 13.70	G	9/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
MBB-24	54.10	N	30 - 40	24.10 to 14.10	G	9/10/2020	**1600**	-	**650 J**	-	-	250 U	-	**650 J**
MBGW-1	39.95	N	20 - 30	19.95 to 9.95	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**800**	NA	**500**	**500**	NA	**500**	**500**	**500**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							250	NA	110	110	NA	NA	NA	NA
MBGW-2	46.11	N	20 - 30	26.11 to 16.11	G	3/4/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-3	47.77	N	16 - 26	31.77 to 21.77	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-5	49.87	N	20 - 30	29.87 to 19.87	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-6	52.50	N	20 - 30	32.50 to 22.50	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-7	53.76	N	30 - 40	23.76 to 13.76	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-8	47.08	N	15 - 25	32.08 to 22.08	G	3/19/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-9	56.84	N	20 - 30	36.84 to 26.84	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-10	55.25	N	20 - 30	35.25 to 25.25	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-11	57.55	N	35 - 45	22.55 to 12.55	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-12	54.00	N	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-13	54.72	N	20 - 30	34.72 to 24.72	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-14	46.09	N	20 - 30	26.09 to 16.09	G	3/6/2019	-	-	200 U	-	200 U	500 U	-	500 U
MBGW-15	40.87	N	20 - 30	20.87 to 10.87	G	3/15/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBGW-16	52.14	N	20 - 30	32.14 to 22.14	G	3/8/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MBPP-5	45.92	N	18 - 28	27.92 to 17.92	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MW-154	53.22	N	25 - 35	28.22 to 18.22	MW	4/30/2018	32.1 U	-	-	-	-	-	-	-
						1/21/2019	100 U	-	-	-	-	-	-	-
						4/24/2019	100 U	-	-	-	-	-	-	-
						7/15/2019	**68 J**	-	-	-	-	-	-	-
						10/14/2019	100 U	-	-	-	-	-	-	-
						1/21/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**47.5 J**	-	-	-	-	-	-	-
MW-155	44.47	N	20 - 30	24.47 to 14.47	MW	4/27/2018	60.9 U	-	-	-	-	-	-	-
						1/21/2019	100 U	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/23/2019	100 U	-	-	-	-	-	-	-
						10/16/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	**44.9 J**	-	-	-	-	-	-	-
						5/5/2020	100 U	-	-	-	-	-	-	-
INTERMEDIATE A ZONE														
BB-5	49.48	N	30 - 40	19.48 to 9.48	MW	11/17/1997	250 U	-	630 U	-	-	630 U	-	630 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**800**	NA	**500**	**500**	NA	**500**	**500**	**500**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							250	NA	110	110	NA	NA	NA	NA
BB-8	43.72	N	30 - 40	13.72 to 3.72	MW	6/10/1997	**200 >**	-	500 U	-	-	1000 U	-	1000 U
						1/29/2009	**499**	-	-	-	-	-	-	-
						6/2/2011	**130**	-	50 U	-	-	250 U	-	250 U
						4/11/2018	100 U	-	-	-	-	-	-	-
						1/23/2019	**99.6 J**	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/17/2019	**112 B**	-	-	-	-	-	-	-
						10/22/2019	**176**	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						5/12/2020	**101 Z J+**	-	-	-	-	-	-	-
BB-8A	43.36	N	-	-	MW	1/29/2009	**669**	-	-	-	-	-	-	-
						6/2/2011	**380**	-	50 U	-	-	250 U	-	250 U
HMW-2IA	45.55	N	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/12/2020	**160**	-	51 U	-	-	250 U	-	250 U
HMW-3IA	55.02	N	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/13/2020	**190**	-	**150 J**	-	-	250 U	-	**150 J**
HMW-6IA	58.65	N	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	100 U	-	**160 J**	-	-	250 U	-	**160 J**
HMW-9IA	55.26	N	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-20IA	53.83	N	41 - 51	12.83 to 2.83	MW	9/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
MW-117	57.78	N	40 - 55	17.78 to 2.78	MW	12/18/2013	100 U	-	50 U	-	-	250 U	-	250 U
MW-118	54.50	N	40 - 50	14.50 to 4.50	MW	12/18/2013	100 U	-	50 U	-	-	250 U	-	250 U
MW-146	52.86	N	39.8 - 49.8	13.06 to 3.06	MW	11/10/2020	100 U	-	50 U	50 U	-	250 U	250 U	250 U
INTERMEDIATE B ZONE														
HMW-1IB	38.29	N	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/10/2020	100 U	-	60 U	-	-	300 U	-	300 U
HMW-2IB	47.41	N	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	51 U	-	-	260 U	-	260 U
HMW-4IA	58.7	N	50 - 60	8.70 to -1.30	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-5IB	58.44	N	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-6IB	58.67	N	50 - 60	8.67 to -1.33	MW	3/13/2020	100 U	-	**83 J**	-	-	250 U	-	**83 J**
HMW-7IB	58.69	N	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	100 U	-	52 U	-	-	260 U	-	260 U
HMW-8IB	57.97	N	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-9IB	55.36	N	57 - 67	-1.64 to -11.64	MW	3/19/2020	**580 J**	-	**60 J**	-	-	250 U	-	**60 J**
HMW-11IB	39.7	N	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	100 U	-	**74 J**	-	-	250 U	-	**74 J**
		FD					100 U	-	**64 J**	-	-	250 U	-	**64 J**
HMW-15IB	58.86	N	64 - 73	-5.14 to -14.14	MW	9/16/2020	100 U	-	50 U	-	-	250 U	-	250 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**800**	NA	**500**	**500**	NA	**500**	**500**	**500**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							250	NA	110	110	NA	NA	NA	NA
HMW-16IB	57.02	N	55 - 65	2.02 to -7.98	MW	9/17/2020	-	-	**210 J**	-	-	250 U	-	**210 J**
HMW-16IB	57.02	N	55 - 65	2.02 to -7.98	MW	9/18/2020	100 U	-	-	-	-	-	-	-
MW-147	52.49	N	70 - 80	-17.51 to -27.51	MW	11/10/2020	100 U	-	50 U	50 U	-	250 U	250 U	250 U
MW-148	44.29	N	70 - 80	-25.71 to -35.71	MW	5/1/2018	31.6 U	-	-	-	-	-	-	-
		FD					31.6 U	-	-	-	-	-	-	-
		N				1/23/2019	100 U	-	-	-	-	-	-	-
						4/26/2019	100 U	-	-	-	-	-	-	-
						7/22/2019	100 U	-	-	-	-	-	-	-
						10/16/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**36.8 J**	-	-	-	-	-	-	-
DEEP ZONE														
FMW-129	38.64	N	84.2 - 89.2	-45.56 to -50.56	MW	10/21/2019	**141**	-	-	-	-	-	-	-
HMW-1D	38.07	N	80 - 90	-41.93 to -51.93	MW	3/25/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
						3/9/2020	**140**	-	**94 J**	-	-	250 U	-	**94 J**
HMW-2D	47.34	N	80 - 90	-32.66 to -42.66	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/12/2020	100 U	-	**86 J**	-	-	250 U	-	**86 J**
HMW-3D	56.56	N	80 - 90	-23.44 to -33.44	MW	3/25/2019	100 U	100 U	200 UJ	-	200 U	500 U	-	500 U
						3/13/2020	100 U	-	**480 J**	-	-	250 U	-	**480 J**
HMW-6D	58.58	N	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-9D	55.32	N	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	100 U	-	**230 J**	-	-	250 U	-	**230 J**
		FD					100 U	-	**210 J**	-	-	250 U	-	**210 J**
HMW-10D	48.16	N	79 - 89	-30.84 to -40.84	MW	3/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-12D	33.52	N	82 - 92	-48.48 to -58.48	MW	9/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-13D	45.30	N	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	100 U	-	50 U	-	-	250 U	-	250 U
HMW-14D	46.35	N	70 - 80	-23.65 to -33.65	MW	9/16/2020	100 U	-	50 U	-	-	250 U	-	250 U
MW-105	45.59	N	130 - 140	-84.41 to -94.41	MW	4/11/2018	100 U	-	-	-	-	-	-	-
						1/23/2019	100 U	-	-	-	-	-	-	-
						4/23/2019	100 U	-	-	-	-	-	-	-
						7/17/2019	**37.8 J**	-	-	-	-	-	-	-
						10/22/2019	100 U	-	-	-	-	-	-	-
						1/20/2020	100 U	-	-	-	-	-	-	-
						5/12/2020	**52.7 J**	-	-	-	-	-	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Total Petroleum Hydrocarbons							
							Gasoline Range Organics	Total Petroleum Hydrocarbons - Mineral Spirits	Diesel Range Organics	Diesel Range Organics, Silica-Gel Cleanup	Kerosene	Total Petroleum Hydrocarbons - Heavy Oils	Total Petroleum Hydrocarbons - Heavy Oils, Silica-Gel Cleanup	Diesel Range + Oil Range Organics
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**800**	NA	**500**	**500**	NA	**500**	**500**	**500**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							250	NA	110	110	NA	NA	NA	NA
MW-106	52.9	N	130 - 140	-77.10 to -87.10	MW	4/26/2019	100 U	-	-	-	-	-	-	-
						7/19/2019	100 U	-	-	-	-	-	-	-
						10/18/2019	100 U	-	-	-	-	-	-	-
						1/14/2020	100 U	-	-	-	-	-	-	-
						5/6/2020	**32.3 J**	-	-	-	-	-	-	-
MW-140	50.32	N	129.5 - 139.5	-79.18 to -89.18	MW	4/12/2018	100 U	-	-	-	-	-	-	-
MW-153	54.84	N	120 - 130	-65.16 to -75.16	MW	5/1/2018	**31.6 J**	-	-	-	-	-	-	-
						1/22/2019	100 U	-	-	-	-	-	-	-
						4/24/2019	100 U	-	-	-	-	-	-	-
						7/22/2019	100 U	-	-	-	-	-	-	-
						10/15/2019	100 U	-	-	-	-	-	-	-
						1/21/2020	100 U	-	-	-	-	-	-	-
						4/30/2020	**38.2 J**	-	-	-	-	-	-	-

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

> = Detected, value is the laboratory reporting limit; exact quantitative concentration not applicable due to hydrocarbon identification (HCID) method.

B = Compound was detected in the sample and the associated blank.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

J+ = Value is estimated with a potential high bias.

MW = Monitoring well sample.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

Z = No/low level gasoline/petroleum detection; result is likely due to high detections of chlorinated volatile organic compounds.

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TABLE 7-3I
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Carcinogenic Semi-Volatile Organic Compounds							
							Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz (a,h)anthracene	Indeno (1,2,3-cd) pyrene	cPAHs-TEQ
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	**0.2**	NA	NA	NA	NA	NA	0.023
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.02	0.02	0.02	0.02	0.02	0.02	0.02	**0.05**
SHALLOW ZONE														
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-15	N	37.73	30 - 35	7.73 to 2.73	G	3/6/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
MBB-25	N	58.63	30 - 40	28.63 to 18.63	G	10/31/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0086 U
MBB-26	N	58.79	30 - 40	28.79 to 18.79	G	10/30/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0086 U
INTERMEDIATE A ZONE														
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
INTERMEDIATE B ZONE														
HMW-4IA	N	58.70	50 - 60	8.7 to -1.30	MW	3/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
DEEP ZONE														
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0068 U

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TABLE 7-3I
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Non-Carcinogenic Semi-Volatile Organic Compounds										
							1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.5**	**32**	**960**	NA	**4800**	NA	**640**	**640**	160	NA	**480**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**8.9**	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.05	0.05	0.05	0.05	0.05	0.035	0.05	0.05	0.05	0.05	0.035
SHALLOW ZONE																	
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	**2.2**	0.04 U	0.04 U
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-15	N	37.73	30 - 35	7.73 to 2.73	G	3/6/2020	-	-	**0.25**	0.04 U	0.04 U	0.04 U	0.04 U	**0.098**	0.4 U	**0.18**	0.04 U
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	**1.6**	**1.6**	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	**6**	0.04 U	0.04 U
MBB-25	N	58.63	30 - 40	28.63 to 18.63	G	10/31/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
MBB-26	N	58.79	30 - 40	28.79 to 18.79	G	10/30/2020	-	-	-	-	-	-	-	-	-	-	-
INTERMEDIATE A ZONE																	
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
INTERMEDIATE B ZONE																	
HMW-4IA	N	58.70	50 - 60	8.7 to -1.30	MW	3/10/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
DEEP ZONE																	
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.4 U	0.4 U	0.04 U	0.04 U	0.04 U	0.08 U	0.04 U	0.04 U	0.4 U	0.04 U	0.04 U

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TABLE 7-3I
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR
SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Non-Carcinogenic Semi-Volatile Organic Compounds										
							1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.5**	**32**	**960**	NA	**4800**	NA	**640**	**640**	160	NA	**480**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**8.9**	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.05	0.05	0.05	0.05	0.05	0.035	0.05	0.05	0.05	0.05	0.035

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.

ft = feet.

G = Grab groundwater sample.

MW = Monitoring well sample.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	1 U	-	1 U	1 U	1 U	4 U	1 U	-	1 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/12/2020	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.61**	0.2 U	0.2 U	0.03 UJ	-	-
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.86**	0.2 U	0.2 U	0.03 UJ	-	-
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.02 UJ	-	1 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	-
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.249 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						5/5/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	1 U
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	-
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						6/2/2011	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						6/14/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.403 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						5/12/2020	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	1 UJ
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						6/2/2011	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	-	10 U
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.1**	0.2 U	0.2 U	0.03 UJ	-	-
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-

Public Review Draft

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**2.5**	0.2 U	0.2 U	0.08 UJ	-	1 U
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	1 U	-	-	1 U	**3**	-	-	-	-	-
						12/18/2013	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	-	50 U
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						12/19/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						6/28/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.165 J**	2.5 U	0.5 U	0.5 UJ
						4/5/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	0.5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 UJ
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.02**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.44**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.04**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.15**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.83**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/24/2020	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
						4/30/2020	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	100 U
						11/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.7**	0.2 U	0.2 U	0.08 UJ	-	1 U
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 UJ
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
HMW-4IA	N	58.7	50 - 60	8.70 to -1.30	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**13**	0.2 U	0.2 U	0.04 UJ	-	-
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
	FD					3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.59**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.83**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.75**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.33**	0.5 U	0.5 U	2.5 U	10 U	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.92**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/24/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U
						4/29/2020	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	25 U
						11/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**4.5**	0.2 U	0.2 U	0.08 UJ	-	1 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
	FD					5/1/2018	-	-	-	-	0.5 U	0.5 U	-	-	-	-	-
	N					1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**4.86**	2.5 U	2.5 U	12.5 U	2.5 U	2.5 U
						6/23/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.37**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						5/1/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.26**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.69**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.62**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	25 U	5 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.589**	0.5 U	0.5 U	2.5 U	0.5 U	1 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/9/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**3.1**	0.2 U	0.2 U	0.03 UJ	-	-
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/12/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						3/13/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
	FD					3/17/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.03 UJ	-	-
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.7**	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.08 UJ	-	1 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						8/10/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.225 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						5/12/2020	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	**0.194 J**	0.5 U	0.5 UJ	2.5 U	0.5 U	1 UJ

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							1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,3-Trimethylbenzene	1,2,4-Trichlorobenzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**1.7**	**200**	0.22	**3**	**7.7**	**7**	NA	NA	0.00038	**80**	NA
Protective of Indoor Air[a]							7.4	5500	6.2	4.6	11	130	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	0.5	0.5	0.5	0.5	1.5	**0.5**	1	NA
MW-106	N	52.9	35	17.90	G	8/14/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
			50	2.90		8/14/2012	-	1 U	-	-	1 U	**2.1**	-	-	-	-	-
			90	-37.10		8/15/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	8/22/2012	-	1 U	-	-	1 U	1 U	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						12/17/2013	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						10/18/2019	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	2.5 U	0.5 U	0.5 U
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.226 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.355 J**	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.139 J**	0.5 U
						10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1 U

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	**1.1**	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	**1.28**	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	**1.04**	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/11/2020	0.2 U	0.11 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	0.2 U	0.11 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	**0.65**	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	**0.71**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	**17**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	**2.7**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.2 UJ	0.4 UJ	1 U	0.2 UJ	1 U	0.2 UJ	1 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	**37**	3 UJ	1 U	0.2 U	**7.1**	0.2 U	**14**	0.2 U	0.2 U	0.2 U	0.2 U
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/21/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/24/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/15/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/14/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/21/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/30/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/21/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/16/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/20/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/5/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	-
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	-	-
						1/29/2009	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	1 U	-	-	-	-	-	-
						6/2/2011	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						9/5/2012	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						12/29/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
						6/14/2017	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/11/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/17/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/20/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/12/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	-
						5/3/2010	-	-	-	-	1 U	-	-	-	-	-	-
						6/2/2011	10 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/13/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	1 U	-	-	-	-	-	-
						12/18/2013	50 U	500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	1 U	-	-	-	-	-	-
						12/18/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	1 U	-	-	-	-	-	-
						12/18/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	-	-	-	1 U	-	-	-	-	-	-
						12/19/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						6/28/2017	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/5/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/21/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/29/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/19/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK
						10/10/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/24/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/19/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK
						10/14/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/24/2020	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U
						4/30/2020	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U
						11/10/2020	0.2 U	3 U	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/16/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/24/2020	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/17/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/21/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/10/2020	0.2 U	0.11 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U

Public Review Draft

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/10/2020	0.2 U	0.11 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	0.2 U	0.11 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
	FD					3/16/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/18/2019	10 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/14/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/24/2020	12.5 U	62.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	25 U	12.5 U	12.5 U
						4/29/2020	12.5 U	62.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	12.5 U	25 U	12.5 U	12.5 U
						11/10/2020	0.2 U	3 U	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
	FD					5/1/2018	-	-	-	0.5 U	0.5 U	0.5 U	-	-	-	0.5 U	-
	N					1/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/26/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/16/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/20/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/30/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/16/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/21/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**

Public Review Draft

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
						6/23/2017	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/1/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/16/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/21/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	25 UJ	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/9/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						3/13/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
	FD					3/17/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	3 UJ	1 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	-	-	-	1 U	-	-	-	-	-	-
						8/10/2012	-	-	-	-	1 U	-	-	-	-	-	-
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	1 U	-	-	-	-	-	-
						9/5/2012	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						12/29/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/23/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/17/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/20/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/12/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U

Public Review Draft

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							1,2,4-Trimethyl benzene	1,2-Dibromo-3-chloro propane (DBCP)	1,2-Dibromo ethane (Ethylene Dibromide)	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,3,5-Trimethyl benzene	1,3-Dichloro benzene	1,3-Dichloro propane	1,4-Dichloro benzene	2,2-Dichloro propane
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**80**	0.2	0.05	NA	4.8	**5**	**80**	NA	NA	NA	NA
Protective of Indoor Air[a]							240	NA	0.27	NA	**4.2**	10	NA	NA	NA	NA	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	**1.5**	**0.2**	NA	0.5	0.5	1	NA	0.5	NA	0.5
			35	17.90		8/14/2012	-	-	-	-	1 U	-	-	-	-	-	-
MW-106	N	52.9	50	2.90	G	8/14/2012	-	-	-	-	1 U	-	-	-	-	-	-
			90	-37.10		8/15/2012	-	-	-	-	1 U	-	-	-	-	-	-
						8/22/2012	-	-	-	-	1 U	-	-	-	-	-	-
						9/5/2012	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						12/17/2013	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						7/19/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 UJK
						10/18/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/14/2020	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/6/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/12/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						5/1/2018	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/22/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/24/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	7/22/2019	**0.225 J**	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.141 J**	0.5 U	1 U	0.5 U	0.5 U
						10/15/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						1/21/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/30/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						10/3/2019	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	1/17/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U
						4/21/2020	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	**0.161**

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	1 U	-
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/11/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/12/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**0.29**	-
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**2.8**	-
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**25**	-
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**1.8**	-
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**0.13**	-
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	20 U	-	0.2 UJ	10 U	1 U	0.2 UJ	10 U	50 U	-	0.2 U	1 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	20 U	-	0.2 U	10 U	**2**	0.2 U	10 U	50 UJ	-	**34**	1 U
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**12.9 J**	5 U	0.5 U	0.5 U
						1/21/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/24/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.68 J**	5 U	0.5 U	0.5 U
						7/15/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**3.42 J**	5 U	0.5 U	0.5 U
						10/14/2019	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U
						1/21/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/30/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/21/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.86 J**	5 U	0.5 U	0.5 U
						7/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.69 J**	5 U	0.5 U	0.5 U
						10/16/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 UJ
						1/20/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/5/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	0 U ND	-
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	-	-	-	**1.8**	-
						1/29/2009	-	-	-	-	-	-	-	-	-	**0.694**	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						9/5/2012	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						12/29/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	2.5 U	2.5 U	0.5 U	2.5 U	0.5 U	0.5 U	2.5 U	**2.52**	2.5 U	0.5 U	0.5 U
						6/14/2017	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.5 J**	5 U	0.5 U	0.5 U
						4/11/2018	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	**1.16 J**	5 UJ	0.5 U	0.5 U
						1/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.03 J**	5 U	0.5 U	0.5 U
						7/17/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.06 JK**	5 U	0.5 U	0.5 U
						10/22/2019	5 UJ	-	0.5 U	5 U	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U
						1/20/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/12/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	-	-	-	0.5 U	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	100 U	-	10 U	100 U	10 U	10 U	100 U	100 U	-	3.5 U	10 U
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/12/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/13/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**1.4**	-
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	500 U	-	50 U	500 U	50 U	50 U	500 U	500 U	-	17 U	50 U
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-
						12/19/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	2.5 U	2.5 U	0.5 U	5 U	0.5 U	0.5 U	2.5 U	**1.28 J**	5 U	**0.139**	0.5 U
						6/28/2017	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**3.73 J**	5 U	0.5 U	0.5 U
						4/5/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/21/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**4.46 J**	5 U	0.5 U	0.5 U
						4/29/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.9 J**	5 U	0.5 U	0.5 U
						7/19/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**5.73 J**	5 U	0.5 U	0.5 U
						10/10/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.2 J**	5 U	0.5 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**4.54 J**	5 U	0.5 U	0.5 U
						1/22/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.98 J**	5 U	0.5 U	0.5 U
						4/24/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.58 J**	5 U	0.5 U	0.5 U
						7/19/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						10/14/2019	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U
						1/24/2020	500 U	-	50 U	500 U	50 U	50 U	500 U	2500 UJ	500 U	50 U	50 U
						4/30/2020	500 U	-	50 U	500 U	50 U	50 U	500 U	**1130**	500 U	50 U	50 U
						11/10/2020	20 U	-	0.2 U	10 U	1 U	0.2 U	10 U	50 U	-	0.2 U	1 U
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/16/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.06 J**	5 U	0.5 U	0.5 U
						4/24/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/17/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/21/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/10/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/12/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/10/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
	FD					3/16/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	**25 J**	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**3.16 J**	5 U	0.5 U	0.5 U
						1/22/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.51 J**	5 U	0.5 U	0.5 U
						4/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.91 J**	5 U	0.5 U	0.5 U
						7/18/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.11 JK**	5 U	0.5 U	0.5 U
						10/14/2019	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	25 UJ	5 UJ	0.5 U	0.5 U
						1/24/2020	125 U	-	12.5 U	125 U	12.5 U	12.5 U	125 U	625 UJ	125 U	12.5 U	12.5 U
						4/29/2020	125 U	-	12.5 U	125 U	12.5 U	12.5 U	125 U	625 U	125 U	12.5 U	12.5 U
						11/10/2020	20 U	-	0.2 U	10 U	1 U	0.2 U	10 U	50 U	-	0.2 U	1 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**6.56 J**	5 U	0.5 U	0.5 UJ
	FD					5/1/2018	-	-	-	-	0.5 U	-	-	**5.73**	-	0.5 U	-
	N					1/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.9 JT**	5 U	0.5 U	0.5 U
						4/26/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.7 J**	5 U	0.5 U	0.5 U
						7/22/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.48 J**	5 U	0.5 U	0.5 U
						10/16/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 UJ
						1/20/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/30/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/16/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/21/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	12.5 U	-	2.5 U	12.5 U	2.5 U	2.5 U	12.5 U	125 U	12.5 U	2.5 U	2.5 U
						6/23/2017	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.15 J**	5 U	0.5 U	0.5 U
						5/1/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**4.93 J**	5 U	0.5 U	0.5 U
						7/16/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.75 J**	5 U	0.5 U	0.5 U
						10/21/2019	5 UJ	-	0.5 U	5 U	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	50 U	-	5 U	50 U	5 U	5 U	50 U	250 U	50 U	5 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/9/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/12/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	-	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U
						3/13/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**0.42**	-
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	**0.21**	-
	FD					3/17/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	-	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	20 U	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	20 U	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	20 UJ	-	0.2 U	10 U	1 U	0.2 U	10 U	50 UJ	-	0.2 U	1 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	-	-	-	-	-	-	-	-	-	-
						8/10/2012	-	-	-	-	-	-	-	-	-	-	-
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						12/29/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	**4.51 J**	5 UJ	0.5 U	0.5 U
						1/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.73 JT**	5 U	0.5 U	0.5 U
						4/23/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.22 J**	5 U	0.5 U	0.5 U
						7/17/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.18 JK**	5 U	0.5 U	0.5 U
						10/22/2019	5 UJ	-	0.5 U	5 U	0.5 U	0.5 U	5 UJ	25 U	5 U	0.5 U	0.5 U
						1/20/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/12/2020	5 UJ	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							2-Butanone (Methyl Ethyl Ketone)	2-Chloroethyl vinyl ether	2-Chloro toluene	2-Hexanone	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**4800**	NA	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	NA	470000	NA	16	**2.4**	630
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	3	1	5	1	1	5	5	**3**	0.5	1
			35	17.90		8/14/2012	-	-	-	-	-	-	-	-	-	-	-
MW-106	N	52.9	50	2.90	G	8/14/2012	-	-	-	-	-	-	-	-	-	-	-
			90	-37.10		8/15/2012	-	-	-	-	-	-	-	-	-	-	-
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	8/22/2012	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						12/17/2013	10 U	-	1 U	10 U	1 U	1 U	10 U	10 U	-	0.35 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**1.65 J**	5 U	0.5 U	0.5 U
						7/19/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.16 J**	5 U	0.5 U	0.5 U
						10/18/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.01 J**	5 U	0.5 U	0.5 U
						1/14/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						5/6/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.11 E**	5 U	0.5 U	0.5 U
						4/12/2018	5 UJ	-	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	**2.13 J**	5 UJ	0.5 U	0.5 U
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	5/1/2018	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**2.65 J**	5 U	0.5 U	0.5 U
						1/22/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/24/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**3.82 J**	5 U	0.5 U	0.5 U
						7/22/2019	5 U	-	0.5 U	5 U	**0.159 J**	0.5 U	5 U	**1.98 J**	5 U	**0.177 J**	0.5 U
						10/15/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 UJ	5 U	0.5 U	0.5 UJ
						1/21/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						4/30/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	**11.3**	5 U	0.5 U	0.5 U
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	10/3/2019	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	0.5 U	0.5 U
						1/17/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	**0.113 J**	0.5 U
						4/21/2020	5 U	-	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	**0.108 J**	0.5 U

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	0 U ND
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/11/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.26**	2 U	0.2 U
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.26**	2 U	0.2 U
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.26**	2 U	**0.2**
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**1.4**
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**110**
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**3.4**
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**7.3**
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.25**	2 U	0.2 U
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**130**
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.2 UJ	5 U	5 U	-	0.2 UJ	0.2 UJ	-	0.5 UJ	0.2 UJ	2 U	**1.2**
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**19**
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**4.8**
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**2.1**
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**1**
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1.77**
						1/21/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**2.03**
						4/24/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	**0.369 J**	0.5 U	1.25 U	**1.76**
						7/15/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	**0.161 J**	**2.55**
						10/14/2019	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1.4**
						1/21/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	1.25 U	**2.26**
						4/30/2020	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**2.58**
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.466 J**
						1/21/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.274 J**
						4/23/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	**71.9**
						7/23/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**12.1**
						10/16/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**36.2**
						1/20/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**12.7**
						5/5/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**16.4**
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	**1.1**
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	**3100**
						6/24/1997	-	-	-	-	-	-	-	-	-	-	**4200**
						1/29/2009	-	-	-	-	-	-	-	-	-	-	**441**
						5/3/2010	-	-	-	-	-	-	-	1 U	-	-	**110**
						6/2/2011	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	**44**
						9/5/2012	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	**29**
						12/29/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	**27**
						6/17/2015	-	-	-	-	-	-	-	-	-	-	**37**
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.1**
						6/14/2017	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**12.6**
						4/11/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**4.64**
						1/23/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**81.5**
						4/23/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	**7.57**
						7/17/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**19.3**
						10/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**31.8 J**
						1/20/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**16.5**
						5/12/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**17.6**
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	**549**
						5/3/2010	-	-	-	-	-	-	-	1 U	-	-	**140**
						6/2/2011	10 U	10 U	10 U	-	10 U	10 U	-	10 U	10 U	100 U	**170**
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**120**
						3/12/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**180**
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/13/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	**3.7**
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**840**
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	-	-	-	1 U	-	-	**260**
						12/18/2013	50 U	50 U	50 U	-	50 U	50 U	-	50 U	50 U	500 U	**640**
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	-	-	-	1 U	-	-	1 U
						12/18/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	-	-	-	1 U	-	-	1 U
						12/18/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	-	-	-	-	-	-	1 U	-	-	**3.3**
						12/19/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	**2.5**
						4/21/2015	-	-	-	-	-	-	-	-	-	-	**50**
						6/17/2015	-	-	-	-	-	-	-	-	-	-	**52**
						10/20/2015	-	-	-	-	-	-	-	-	-	-	**74**
						2/2/2016	-	-	-	-	-	-	-	-	-	-	**100**
						3/29/2017	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**42.9**
						6/28/2017	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**5.99**
						4/5/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**18.3**
						1/21/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						4/29/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 UJK	**10.9**
						7/19/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJK	**0.34 J**
						10/10/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**12.6**
						11/11/2019	-	-	-	-	-	-	-	-	-	-	**10**
						1/14/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**9.63**
						2/18/2020	-	-	-	-	-	-	-	-	-	-	**6.6**
						3/24/2020	-	-	-	-	-	-	-	-	-	-	**4.7**
						4/27/2020	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**6.88**
						5/19/2020	-	-	-	-	-	-	-	-	-	-	**6.1**
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.05 J**	0.5 U	1.25 U	**900**
						1/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.6 J**	0.5 U	1.25 U	**1080**
						4/24/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	**0.719 J**	0.5 U	1.25 U	**257**
						7/19/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJK	**257**
						10/14/2019	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1350**
						1/24/2020	50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	125 U	**1460**
						4/30/2020	50 U	50 U	250 U	50 UJ	50 U	50 U	50 U	250 U	50 U	125 U	**2100**
						11/10/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**3800**
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						1/16/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						4/24/2020	0.5 U	0.5 U	2.5 UJ	**0.43 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.607**
						1/17/2020	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	1.25 U	0.5 U
						4/21/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.696**
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**22**
						3/10/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**16**
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**0.59**

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/10/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	**9100**
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.26**	2 U	**3.6**
	FD					3/16/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.23**	2 U	**3.4**
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**3.3**
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	0.5 U	0.5 U	2.5 U	**6.02**	0.5 U	0.5 U	0.5 U	**2.01 J**	0.5 U	1.25 U	**399**
						1/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1230**
						4/23/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	**322**
						7/18/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**219**
						10/14/2019	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**597**
						1/24/2020	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	31.3 U	**1100**
						4/29/2020	12.5 U	12.5 U	62.5 U	12.5 UJ	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	31.3 U	**2410**
						11/10/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**3500**
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	2.5 U	**1.01**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 UJ
	FD					5/1/2018	-	-	-	**1.14**	-	0.5 U	-	2.5 U	0.5 U	1.25 U	**0.216**
	N					1/23/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						4/26/2019	0.5 U	0.5 U	2.5 UJK	**0.198 J**	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	0.5 U
						7/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						10/16/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	0.5 U
						1/20/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						4/30/2020	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	0.5 U	0.5 U	2.5 U	**0.485 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						1/16/2020	0.5 U	0.5 U	2.5 U	**0.814**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						4/21/2020	0.5 U	0.5 U	2.5 U	**0.642**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	**17**
						10/20/2015	-	-	-	-	-	-	-	-	-	-	**250**
						2/2/2016	-	-	-	-	-	-	-	-	-	-	**240**
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	**1420**
						6/23/2017	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**474**
						5/1/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 UJK	**372**
						7/16/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**272**
						10/21/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**350**
						11/12/2019	-	-	-	-	-	-	-	-	-	-	**340**
						1/14/2020	5 U	5 U	25 U	5 U	5 U	5 U	5 U	25 U	5 U	12.5 U	**385**
						2/18/2020	-	-	-	-	-	-	-	-	-	-	**310**
						3/25/2020	-	-	-	-	-	-	-	-	-	-	**290**
						4/27/2020	-	-	-	-	-	-	-	-	-	-	**190**
						5/6/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**157**
						5/19/2020	-	-	-	-	-	-	-	-	-	-	**120**
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	**410**
						3/9/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**910**
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/12/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**1.1**
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U
						3/13/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 UJ
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.42**	2 U	0.2 U
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**5.1**
	FD					3/17/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**4.1**
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.34**	2 U	0.2 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	**200**
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	5 U	5 U	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	-	-	-	-	-	-	1 U	-	-	1 U
						8/10/2012	-	-	-	-	-	-	-	1 U	-	-	1 U
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	-	-	-	1 U	-	-	1 U
						9/5/2012	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
						12/29/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	1 U
						2/3/2016	-	-	-	-	-	-	-	-	-	-	1 U
						4/11/2018	0.5 U	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**1.67**
						1/23/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1.51**
						4/23/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	**0.917**
						7/17/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.891**
						10/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**0.945**
						1/20/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1.38**
						5/12/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.805**

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							7.1	**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**
Protective of Indoor Air[a]							**1.8**	200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
			35	17.90		8/14/2012	-	-	-	-	-	-	-	1 U	-	-	**1**
MW-106	N	52.9	50	2.90	G	8/14/2012	-	-	-	-	-	-	-	1 U	-	-	**210**
			90	-37.10		8/15/2012	-	-	-	-	-	-	-	1 U	-	-	**9.7**
						8/22/2012	-	-	-	-	-	-	-	1 U	-	-	1 U
						9/5/2012	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
						12/17/2013	1 U	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	1 U
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	2/2/2016	-	-	-	-	-	-	-	-	-	-	1 U
						4/26/2019	0.5 U	0.5 U	2.5 UJK	**0.142 J**	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	0.5 U
						7/19/2019	0.5 U	0.5 U	2.5 UJK	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJK	0.5 U
						10/18/2019	0.5 U	0.5 U	2.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						1/14/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						5/6/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	**0.754 J**	**0.477 J**
						4/12/2018	0.5 U	0.5 U	2.5 U	**0.699 J**	0.5 UJ	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	**2.47 J**
						5/1/2018	0.5 U	0.5 U	2.5 U	**4.54**	0.5 U	0.5 U	0.5 U	2.5 U	**0.87**	1.25 U	**0.612**
						1/22/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**1.41**
						4/24/2019	0.5 U	0.5 U	2.5 UJK	**0.394 J**	0.5 U	0.5 U	0.5 U	2.5 UJK	0.5 U	1.25 U	**1.07**
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	7/22/2019	0.5 U	0.5 U	2.5 U	**0.25 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.384 J**
						10/15/2019	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 UJ	0.5 U
						1/21/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	1.25 U	0.5 U
						4/30/2020	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U
						10/3/2019	0.5 U	0.5 U	2.5 U	**4.09**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**6.87**
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	1/17/2020	0.5 U	0.5 U	2.5 UJ	**0.792**	0.5 U	0.5 U	0.5 U	2.5 UJ	0.5 U	1.25 U	**9.38**
						4/21/2020	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.971**

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	1 U	-	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	1 U	1 U	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	1 U	**1.46**	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	1 U	-	-	-	-
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/11/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/12/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	1 U	1 U	0.5 U	1 U	1 U	-	**0.2**	0.2 U	5 U	-	1 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	-	0.2 U	-	-	-	**0.4**	0.2 U	-	-	-
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	-	0.2 U	-	-	-	**2**	0.2 U	-	-	-
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	-	0.2 U	-	-	-	**21**	0.2 U	-	-	-
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	-	0.2 U	-	-	-	**1.3**	0.2 U	-	-	-
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	1 U	1 U	0.2 UJ	1 U	1 U	-	0.2 U	0.2 UJ	5 U	-	1 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	1 U	**3.8**	0.5 U	1 U	1 U	-	**24**	0.2 U	5 U	-	**6**
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJ	0.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						5/5/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	0 U ND	-	-	-	-
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	-
						6/24/1997	-	-	-	-	-	-	1 U	-	-	-	-
						1/29/2009	-	-	-	-	-	-	0.5 U	-	-	-	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						9/5/2012	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						3/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	0.5 U
						6/14/2017	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 UJ	10 U	0.5 UJ
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJK	0.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 U	10 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						5/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	5 U	5 U	0.5 U
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	0.5 U	-	-	-	-
						5/3/2010	-	-	-	-	-	-	-	-	-	-	-
						6/2/2011	10 U	10 U	10 U	10 U	10 U	-	10 U	10 U	-	-	10 U
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/12/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/13/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	50 U	50 U	50 U	50 U	50 U	-	50 U	50 U	-	-	50 U
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	-	-	-	-	-	-	-	-	-	-
						12/19/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						3/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	0.5 U
						6/28/2017	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/5/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJK	10 UJK	0.5 U
						10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						11/11/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/24/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	5 U	10 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJK	10 UJK	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJ	0.5 U
						1/24/2020	50 U	50 U	50 U	50 U	250 UJ	50 U	50 U	100 U	500 U	1000 U	50 U
						4/30/2020	50 U	50 U	50 U	50 U	250 U	50 U	50 U	100 U	500 U	500 U	50 U
						11/10/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	5 U	10 U	0.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	5 U	10 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U	5 U	10 U	0.5 U
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/10/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/12/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-

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							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/10/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
	FD					3/16/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 UJ	5 U	-	1 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.158 U	1 U	5 U	10 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	10 U	1 U	5 U	10 UJK	0.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJ	0.5 U
						1/24/2020	12.5 U	12.5 U	12.5 U	12.5 U	62.5 UJ	12.5 U	12.5 U	25 U	125 U	250 U	12.5 U
						4/29/2020	12.5 U	12.5 U	12.5 U	12.5 U	62.5 U	12.5 U	12.5 U	25 U	125 U	125 UJ	12.5 U
						11/10/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
	FD					5/1/2018	-	-	-	-	-	0.5 U	0.5 U	-	5 U	-	-
	N					1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U	5 U	10 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	-
						10/20/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/10/2017	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	125 U	2.5 U
						6/23/2017	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						5/1/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						10/21/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 U	10 U	0.5 U
						11/12/2019	-	-	-	-	-	-	-	-	-	-	-
						1/14/2020	5 U	5 U	5 U	5 U	25 U	5 U	5 U	10 U	50 U	100 U	5 U
						2/18/2020	-	-	-	-	-	-	-	-	-	-	-
						3/25/2020	-	-	-	-	-	-	-	-	-	-	-
						4/27/2020	-	-	-	-	-	-	-	-	-	-	-
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
						5/19/2020	-	-	-	-	-	-	-	-	-	-	-
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/9/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/12/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	1 U	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U
						3/13/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
	FD					3/17/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	-	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	1 U	1 U	0.5 U	1 U	1 U	-	0.2 U	0.2 U	5 U	-	1 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	-	-	-	-	-	-	-	-	-	-
						8/10/2012	-	-	-	-	-	-	-	-	-	-	-
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						12/29/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	-
						6/17/2015	-	-	-	-	-	-	-	-	-	-	-
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/3/2016	-	-	-	-	-	-	-	-	-	-	-
						4/11/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 UJ	10 U	0.5 UJ
						1/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJK	0.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 U	10 U	0.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						5/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	5 U	5 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							cis-1,3-Dichloro propene	Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Di isopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							0.44	NA	**5.2**	**80**	1600	NA	**700**	NA	480	NA	800
Protective of Indoor Air[a]							NA	NA	NA	NA	**5.6**	NA	2800	NA	**4.4**	NA	**720**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							**0.5**	1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1
			35	17.90		8/14/2012	-	-	-	-	-	-	-	-	-	-	-
MW-106	N	52.9	50	2.90	G	8/14/2012	-	-	-	-	-	-	-	-	-	-	-
			90	-37.10		8/15/2012	-	-	-	-	-	-	-	-	-	-	-
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	8/22/2012	-	-	-	-	-	-	-	-	-	-	-
						9/5/2012	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						12/17/2013	1 U	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	-
						2/2/2016	-	-	-	-	-	-	-	-	-	-	-
						4/26/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJK	10 UJK	0.5 U
						10/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 UJ	0.5 UJ
						1/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						5/6/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 U	1 U	5 UJ	10 U	0.5 UJ
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	**0.227 J**	1 U	5 U	10 U	**0.134 J**
						10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 U	0.5 U
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	10/3/2019	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	10 U	0.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 UJ	**0.371 J**	10 U	0.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	**0.105**	0.5 U	1 U	5 U	10 U	0.5 U

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
SHALLOW ZONE																	
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	-	1 U	1 U	1 U	**2.06**	1 U	1 U	1 U	1 U	1 U	1 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	-	1 U	1 U	1 U	**5.23**	1 U	1 U	1 U	1 U	1 U	1 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	-	1 U	1 U	1 U	**1.01**	1 U	1 U	1 U	1 U	1 U	1 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	0 U ND
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/11/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	-	**0.4**	1 U	5 U	1 U	-	1 U	**0.2**	1 U	0.2 U	0.2 U
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	**4.7**
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	**0.94**	-	5 U	-	-	-	0.2 U	-	-	0.2 U
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	**27**	-	5 U	-	-	-	**14**	-	-	0.2 U
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	**2.6**	-	5 U	-	-	-	**1.2**	-	-	0.2 U
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**130**
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**5.5**
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**9.4**
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**98**
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	1 U	**4.3**
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	-	**21**	1 U	5 U	**6.9**	-	**6.9**	**19**	1 U	**0.3**	0.2 U
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**9.5**
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**35**
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**4.3**
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**5.1**

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**35**
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**2.9**
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**4.46**
						1/21/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**1.7**
						4/24/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**1.02**
						7/15/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**69.5**
						10/14/2019	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**4.99**
						1/21/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**11.6**
						4/30/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**12.1**
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**3.48**
						1/21/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**3.72**
						4/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**14.6**
						7/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**92.7**
						10/16/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**121**
						1/20/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**98.3**
						5/5/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**140**
INTERMEDIATE A ZONE																	
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	-	-	-	-	-	-	-	-	-	-	0 U ND
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	-	-	-	-	-	-	**8400**
						6/24/1997	-	-	-	-	-	-	-	-	-	-	**11000**
						1/29/2009	-	-	-	-	-	-	-	-	-	-	**896 f**
						5/3/2010	-	-	-	5 U	-	-	-	-	-	-	**510**
						6/2/2011	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	**170**
						9/5/2012	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	**200**
						12/29/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	**200**
						6/17/2015	-	-	-	-	-	-	-	-	-	-	**170**
						3/22/2017	-	-	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**30.4**
						6/14/2017	-	-	0.5 U	2.5 U	**0.184 J**	0.5 U	0.5 U	-	0.5 U	0.5 U	**26**
						4/11/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**33.7 J**
						1/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**133**
						4/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**48.8**
						7/17/2019	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U	**169**
						10/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**135 J**
						1/20/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**138**
						5/12/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**142**
BB-8A	N	43.36	-	-	MW	1/29/2009	-	-	-	-	-	-	-	-	-	-	**1290 f**
						5/3/2010	-	-	-	5 U	-	-	-	-	-	-	**810**
						6/2/2011	-	20 U	10 U	50 U	10 U	-	10 U	10 U	10 U	10 U	**710**
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**240**
						3/12/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**210**
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/13/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**0.42**
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	**5.5**
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	-	-	5 U	-	-	-	-	-	-	**1400**
						12/18/2013	-	100 U	50 U	250 U	50 U	-	50 U	50 U	50 U	50 U	**8400**
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	-	-	5 U	-	-	-	-	-	-	1 U
						12/18/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	-	-	5 U	-	-	-	-	-	-	1 U
						12/18/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	-	-	5 U	-	-	-	-	-	-	1 U
						12/19/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	**34**
						6/17/2015	-	-	-	-	-	-	-	-	-	-	**4.9**
						10/20/2015	-	-	-	-	-	-	-	-	-	-	**15**
						2/2/2016	-	-	-	-	-	-	-	-	-	-	**7.3**
						3/29/2017	-	-	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**5.47**
						6/28/2017	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**19**
						4/5/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**2.14**
						1/21/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**1.24**
						4/29/2019	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.224 J**
						7/19/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U	**0.303 J**
						10/10/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.876**
						11/11/2019	-	-	-	-	-	-	-	-	-	-	**3.7**
						1/14/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**5.9**
						2/18/2020	-	-	-	-	-	-	-	-	-	-	**1.3**
						3/24/2020	-	-	-	-	-	-	-	-	-	-	**0.24**
						4/27/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJ	0.5 U	**0.595**
						5/19/2020	-	-	-	-	-	-	-	-	-	-	**0.91**
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**3.56**
						1/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**2.29**
						4/24/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**1.5**
						7/19/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U	**3.08**
						10/14/2019	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**2.03**
						1/24/2020	-	-	50 U	250 U	250 U	50 U	50 U	-	50 U	50 U	**21.1 J**
						4/30/2020	-	-	50 U	250 U	250 U	50 U	50 U	-	50 U	50 U	50 U
						11/10/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	**0.21**
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/16/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/24/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJ	0.5 U	0.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/17/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/21/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
INTERMEDIATE B ZONE																	
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**20**
						3/10/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**13**
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**0.38**

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/10/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**660**
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**6.9**
	FD					3/16/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**6.8**
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**19.8**
						1/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**98.2**
						4/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						7/18/2019	-	-	0.5 U	2.5 U	**5.94 J**	0.5 U	10 U	-	0.5 U	0.5 U	0.5 U
						10/14/2019	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/24/2020	-	-	12.5 U	62.5 U	62.5 U	12.5 U	12.5 U	-	12.5 U	12.5 U	12.5 U
						4/29/2020	-	-	12.5 U	62.5 UJ	62.5 U	12.5 U	12.5 U	-	12.5 U	12.5 U	12.5 U
						11/10/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
	FD					5/1/2018	-	-	-	-	-	0.5 U	-	-	-	0.5 U	0.5 U
	N					1/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**1.24**
						4/26/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						7/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.415 J**
						10/16/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/20/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/30/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/16/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/21/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
DEEP ZONE																	
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	-	-	-	-	-	-	-	-	-	**0.4**
						10/20/2015	-	-	-	-	-	-	-	-	-	-	**25**
						2/2/2016	-	-	-	-	-	-	-	-	-	-	**13**
						4/10/2017	-	-	2.5 U	12.5 U	**1.42 J**	2.5 U	2.5 U	-	2.5 U	2.5 U	**194**
						6/23/2017	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**81.1**
						5/1/2019	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U	**101**
						7/16/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**159**
						10/21/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**114**
						11/12/2019	-	-	-	-	-	-	-	-	-	-	**79**
						1/14/2020	-	-	5 U	25 U	25 UJ	5 U	5 U	-	5 U	5 U	**130**
						2/18/2020	-	-	-	-	-	-	-	-	-	-	**110**
						3/25/2020	-	-	-	-	-	-	-	-	-	-	**88**
						4/27/2020	-	-	-	-	-	-	-	-	-	-	**74**
						5/6/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	**34.6**
						5/19/2020	-	-	-	-	-	-	-	-	-	-	**18**
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	**3.4**
						3/9/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**19**
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/12/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	1 U	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U
						3/13/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**0.89**
	FD					3/17/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	**0.81**
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	-	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	-	0.4 U	1 U	5 U	1 U	-	1 U	0.2 U	1 U	0.2 U	0.2 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	-	-	5 U	-	-	-	-	-	-	1 U
						8/10/2012	-	-	-	5 U	-	-	-	-	-	-	1 U
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	-	-	5 U	-	-	-	-	-	-	1 U
						9/5/2012	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
						12/29/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
						4/21/2015	-	-	-	-	-	-	-	-	-	-	**1.2**
						6/17/2015	-	-	-	-	-	-	-	-	-	-	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	1 U
						2/3/2016	-	-	-	-	-	-	-	-	-	-	1 U
						4/11/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.79**
						4/23/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						7/17/2019	-	-	0.5 U	2.5 U	2.5 UJK	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						10/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/20/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.208 J**
						5/12/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds										
							Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naphthalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							NA	NA	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**
Protective of Indoor Air[a]							NA	NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	NA	0.5	1	0.05	1	1	NA	0.5	1	0.5
			35	17.90		8/14/2012	-	-	-	5 U	-	-	-	-	-	-	**8.2**
MW-106	N	52.9	50	2.90	G	8/14/2012	-	-	-	**76**	-	-	-	-	-	-	**1100**
			90	-37.10		8/15/2012	-	-	-	5 U	-	-	-	-	-	-	**19**
						8/22/2012	-	-	-	5 U	-	-	-	-	-	-	1 U
						9/5/2012	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
						12/17/2013	-	2 U	1 U	5 U	1 U	-	1 U	1 U	1 U	1 U	1 U
						10/27/2015	-	-	-	-	-	-	-	-	-	-	1 U
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	2/2/2016	-	-	-	-	-	-	-	-	-	-	1 U
						4/26/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						7/19/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 UJK	0.5 U	0.5 U
						10/18/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/14/2020	-	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						5/6/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/12/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	**0.178 J**	0.5 U	**0.402 J**
						5/1/2018	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.756**
						1/22/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/24/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	7/22/2019	-	-	0.5 U	2.5 U	2.5 U	**0.162 J**	0.5 U	-	0.5 U	0.5 U	0.5 U
						10/15/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						1/21/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						4/30/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U
						10/3/2019	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.769**
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	1/17/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	**0.834**
						4/21/2020	-	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U

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TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
SHALLOW ZONE																
21417-MB4	N	57.24	15 - 25	42.24 to 32.24	G	5/12/2017	**2.99**	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	2 U
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	1 U	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	**1.85**	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	1 U	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
BB-10	N	57.40	29 - 39	28.40 to 18.40	MW	11/13/1997	1 U	0 U ND	-	-	0 U ND	-	-	-	0 U ND	1 U
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/11/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-19S	N	58.20	35 - 45	23.20 to 13.20	MW	9/17/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	**0.6**
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	0.2 U	0.2 U	1 U	-	**0.38**	0.2 U	-	-	**0.99**	0.4 U
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	**0.24**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**0.94**
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	**28**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**41**
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	**4.7**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**3.8**
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	**14**	0.2 U	-	-	**37**	0.2 UJ	-	-	**7.7**	0.4 U
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	**49**	0.2 U	-	-	**1.2**	0.2 UJ	-	-	**0.3**	0.4 U
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	0.2 U	0.2 U	-	-	**1.9**	0.2 UJ	-	-	0.2 U	0.4 U
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	0.2 U	**0.27**	-	-	**59**	0.2 UJ	-	-	**0.88**	0.4 U
MBB-16	N	53.70	30 - 40	23.70 to 13.70	G	9/3/2020	0.2 U	0.2 UJ	1 U	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
MBB-24	N	54.10	30 - 40	24.10 to 14.10	G	9/10/2020	**7.2**	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	**40**
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	1 U	1 U	1 U	-	**3.9**	1 U	-	-	0.2 U	1 U
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	1 U	1 U	1 U	-	**7.4**	1 U	-	-	0.2 U	1 U
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-6	N	52.50	20 - 30	32.50 to 22.50	G	3/15/2019	1 U	1 U	1 U	-	**1.1**	1 U	-	-	0.2 U	1 U
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-12	N	54.00	17.5 - 27.5	36.50 to 26.50	G	3/19/2019	1 U	1 U	1 U	-	**1**	1 U	-	-	0.2 U	1 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
MW-154	N	53.22	25 - 35	28.22 to 18.22	MW	4/30/2018	0.5 U	0.5 U	0.5 U	5 U	**0.23 J**	2.5 U	0.5 U	5 U	**7.48**	1.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	5 U	**0.33 J**	2.5 U	0.5 U	5 U	**3.52**	1.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	5 U	**0.214 J**	2.5 UJK	0.5 U	5 U	**0.797**	1.5 U
						7/15/2019	0.5 U	0.5 U	0.5 U	5 UJK	**5.75**	2.5 UJK	0.5 U	5 U	**0.211 J**	1.5 U
						10/14/2019	0.5 U	0.5 U	0.5 U	5 UJ	**0.445 J**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	5 U	**0.999**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	5 U	**1.06**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-155	N	44.47	20 - 30	24.47 to 14.47	MW	4/27/2018	0.5 U	0.5 U	0.5 U	5 U	**0.334 J**	2.5 U	-	5 U	**0.447 J**	1.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	5 U	**0.581**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	5 U	**4.75**	2.5 UJK	0.5 U	5 U	**6.54 K**	1.5 U
						7/23/2019	0.5 U	0.5 U	0.5 U	5 U	**19.9**	2.5 UJK	0.5 U	5 U	**0.35 J**	1.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	5 UJ	**27.6**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	5 U	**21.8**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/5/2020	0.5 U	**0.158 J**	0.5 U	5 UJ	**27.3**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
INTERMEDIATE A ZONE																
BB-5	N	49.48	30 - 40	19.48 to 9.48	MW	11/17/1997	0 U ND	0 U ND	-	-	0 U ND	-	-	-	0 U ND	0 U ND
BB-8	N	43.72	30 - 40	13.72 to 3.72	MW	6/10/1997	-	-	-	-	**1100**	-	-	-	**180**	-
						6/24/1997	**1.3**	**14**	-	-	**1500**	-	-	-	**280**	1 U
						1/29/2009	0.5 U	**2.45**	-	-	**258**	-	-	-	**1.48**	1 U
						5/3/2010	-	1 U	-	-	**120**	-	-	-	**0.27**	-
						6/2/2011	1 U	1 U	1 U	-	**59**	1 U	-	-	0.2 U	2 U
						9/5/2012	1 U	1 U	1 U	-	**41**	1 U	-	-	0.2 U	2 U
						12/29/2013	1 U	1 U	1 U	-	**38**	1 U	-	-	0.2 U	2 U
						6/17/2015	-	10 U	-	-	**40**	-	-	-	**2**	-
						3/22/2017	1 U	0.5 U	0.5 U	5 U	**4.95**	0.5 U	0.5 U	2.5 U	0.5 U	1.5 U
						6/14/2017	0.5 U	**0.155 J**	0.5 U	5 U	**8.57**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/11/2018	0.5 U	0.5 U	0.5 U	5 U	**6.13 J**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/23/2019	0.5 U	**0.402 J**	0.5 U	5 U	**43.1**	2.5 U	0.5 U	5 U	**0.618**	1.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	5 U	**9.09**	2.5 UJK	0.5 U	5 U	0.5 UJK	1.5 U
						7/17/2019	0.5 U	**0.262 J**	0.5 U	5 UJK	**28.9**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						10/22/2019	0.5 U	**0.398 J**	0.5 U	5 UJ	**46.6**	2.5 U	0.5 U	5 UJ	**0.162 J**	1.5 U
						1/20/2020	0.5 U	**0.232 J**	0.5 U	5 U	**25.4**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/12/2020	**0.682**	**0.282 J**	0.5 U	5 U	**30.8**	2.5 U	0.5 U	5 U	0.5 U	**0.387 J**
BB-8A	N	43.36	-	-	MW	1/29/2009	0.5 U	**2.96**	-	-	**285**	-	-	-	**3.86**	1 U
						5/3/2010	-	**1.6**	-	-	**180**	-	-	-	**0.78**	-
						6/2/2011	10 U	10 U	10 U	-	**170**	10 U	-	-	2 U	20 U
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/25/2019	1 U	1 U	1 U	-	**74**	1 U	-	-	**1.2**	1 U
						3/12/2020	0.2 U	**0.32**	-	-	**65**	0.2 UJ	-	-	**1.1**	0.4 U
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/13/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	0.2 U	0.2 U	-	-	**0.23**	0.2 UJ	-	-	**0.95**	0.4 U
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	0.2 U	**2.5**	1 U	-	**18**	0.2 U	-	-	**520**	0.4 U
MW-114	N	42.43	35 - 45	7.43 to -2.57	MW	12/21/2012	-	1 U	-	-	**290**	-	-	-	**14**	-
						12/18/2013	50 U	50 U	50 U	-	**1200**	50 U	-	-	**22**	100 U
MW-117	N	57.78	40 - 55	17.78 to 2.78	MW	2/8/2013	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/18/2013	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
MW-118	N	54.5	40 - 50	14.50 to 4.50	MW	3/25/2013	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/18/2013	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
MW-119	N	37.59	35 - 45	2.59 to -7.41	MW	3/25/2013	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/19/2013	1 U	1 U	1 U	-	1 U	1 U	-	-	**0.76**	2 U
						4/21/2015	-	1 U	-	-	**42**	-	-	-	**3.1**	-
						6/17/2015	-	1 U	-	-	**7.1**	-	-	-	**2.7**	-
						10/20/2015	-	1 U	-	-	**22**	-	-	-	**0.45**	-
						2/2/2016	-	1 U	-	-	**24**	-	-	-	**0.45**	-
						3/29/2017	1 U	**0.334 J**	0.5 U	5 U	**10.7**	0.5 U	0.5 U	2.5 U	**0.272 J**	1.5 U
						6/28/2017	**0.726**	**0.167 J**	0.5 U	5 U	**12.4**	0.5 U	0.5 U	2.5 U	0.5 U	**0.562 J**
						4/5/2018	0.5 U	**0.203 J**	0.5 U	5 U	**3.02**	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						1/21/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/29/2019	0.5 U	**0.161 J**	0.5 U	5 U	**1.12**	2.5 UJK	0.5 U	5 UJK	0.5 UJK	1.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 UJK	0.5 U	1.5 U
						10/10/2019	0.5 U	**0.159 J**	0.5 U	5 U	**7.54**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						11/11/2019	-	0.2 U	-	-	**9.5**	-	-	-	0.2 U	-
						1/14/2020	0.5 U	0.5 U	0.5 U	5 U	**5.81**	2.5 U	0.5 U	5 U	0.2 U	1.5 U
						2/18/2020	-	0.2 U	-	-	**2.5**	-	-	-	0.2 U	-
						3/24/2020	-	0.2 U	-	-	**0.87**	-	-	-	0.2 U	-
						4/27/2020	0.5 U	0.5 U	0.5 U	5 UJ	**1.62**	2.5 U	0.5 U	5 UJ	0.2 U	1.5 U
						5/19/2020	-	0.2 U	-	-	**2.8**	-	-	-	0.2 U	-
MW-146	N	52.86	39.8 - 49.8	13.06 to 3.06	MW	4/30/2018	0.5 U	**6.12**	0.5 U	5 U	**48.4**	2.5 U	0.5 U	5 U	**2100**	1.5 U
						1/22/2019	0.5 U	**7.25**	0.5 U	5 U	**21.6**	2.5 U	0.5 U	5 U	**1370**	1.5 U
						4/24/2019	0.5 U	**1.94**	0.5 U	5 U	**12.4**	2.5 UJK	0.5 U	5 U	**383**	1.5 U
						7/19/2019	0.5 U	**3.29**	0.5 U	5 UJK	**14.4**	2.5 U	0.5 U	5 UJK	**580**	1.5 U
						10/14/2019	0.5 U	**7.85**	0.5 U	5 UJ	**6.77**	2.5 U	0.5 U	5 UJ	**2830**	1.5 U
						1/24/2020	50 U	50 U	50 U	500 U	50 U	250 U	50 U	500 UJ	**3900**	150 U
						4/30/2020	50 U	50 U	50 U	500 U	50 U	250 U	50 U	500 U	**6040**	150 U
						11/10/2020	0.2 U	**13**	1 U	-	**2.8**	0.2 U	-	-	**5200**	0.4 U
MW-315	N	49.56	37.5 - 47.4	12.06 to 2.16	MW	10/3/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/24/2020	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
MW-325	N	41.42	34.5 - 44.5	6.92 to -3.08	MW	10/3/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 UJ	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
INTERMEDIATE B ZONE																
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/25/2019	1 U	1 U	1 U	-	**6.7**	1 U	-	-	0.2 U	1 U
						3/10/2020	0.2 U	0.2 U	-	-	**5.6**	0.2 UJ	-	-	0.2 U	0.4 U
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/25/2019	**3.4**	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
~~HMW-4IA~~	~~N~~	~~58.7~~	~~50 - 60~~	~~8.70 to -1.30~~	~~MW~~	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	**3.6**	1 U
						3/10/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.41**	0.4 U
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	**0.22**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	**0.23**	**8.3**	-	-	**420**	0.2 UJ	-	-	**1900**	0.4 U
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	0.2 U	0.2 U	-	-	**2.5**	0.2 UJ	-	-	0.2 U	0.4 U
	FD					3/16/2020	0.2 U	0.2 U	-	-	**2.3**	0.2 UJ	-	-	0.2 U	0.4 U
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	**15**	0.4 U
MW-147	N	52.49	70 - 80	-17.51 to -27.51	MW	5/12/2018	0.5 U	**2.09**	0.5 U	5 U	**83.4**	2.5 U	0.5 U	5 U	**1150**	1.5 U
						1/22/2019	0.5 U	**2.88**	0.5 U	5 U	**179**	2.5 U	0.5 U	5 U	**738**	1.5 U
						4/23/2019	0.5 U	**1.47**	0.5 U	5 U	**5.13**	2.5 UJK	0.5 U	5 UJK	**499**	1.5 UJK
						7/18/2019	0.5 U	**2.49**	0.5 U	5 UJK	**4.79**	2.5 U	0.5 U	5 U	**446**	30 U
						10/14/2019	0.5 U	**2.91**	0.5 U	5 UJ	**3.38**	2.5 U	0.5 U	5 UJ	**1410**	1.5 U
						1/24/2020	12.5 U	12.5 U	12.5 U	125 U	**4.63 J**	62.5 U	12.5 U	125 UJ	**1340**	37.5 U
						4/29/2020	12.5 U	**3.9 J**	12.5 U	125 U	**5.1 J**	62.5 U	12.5 U	125 U	**3470**	37.5 U
						11/10/2020	**0.3**	**13**	1 U	-	**4.9**	0.2 U	-	-	**7400**	0.4 U
MW-148	N	44.29	70 - 80	-25.71 to -35.71	MW	5/1/2018	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
	FD					5/1/2018	0.5 U	0.5 U	-	-	0.5 U	-	-	-	0.5 U	1.5 U
	N					1/23/2019	0.5 U	0.5 U	0.5 U	5 U	**0.347 J**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/26/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	**0.277 J**	1.5 U
						7/22/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**0.253 J**	1.5 U
						10/16/2019	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 U	**0.463 J**	1.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	5 U	**0.163 J**	2.5 U	0.5 U	5 U	**0.305 J**	1.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-316	N	49.73	59.8 - 69.8	-10.07 to -20.07	MW	10/2/2019	**0.57**	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/16/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
DEEP ZONE																
FMW-129	N	38.64	84.2 - 89.2	-45.56 to -50.56	MW	5/23/2014	-	0.2 U	-	-	**0.57**	-	-	-	**7.6**	-
						10/20/2015	-	1 U	-	-	**39**	-	-	-	0.2 U	-
						2/2/2016	-	1 U	-	-	**62**	-	-	-	**0.33**	-
						4/10/2017	5 U	**5.05**	2.5 U	25 U	**492**	2.5 U	2.5 U	12.5 U	**0.885 J**	7.5 U
						6/23/2017	0.5 U	**1.21**	1 U	5 U	**182**	2.5 U	0.5 U	5 U	**4.13**	1.5 U
						5/1/2019	0.5 U	**1.22**	0.5 U	5 U	**166**	2.5 UJK	0.5 U	5 UJK	2.5 U	1.5 U
						7/16/2019	0.5 U	**1.61**	0.5 U	5 UJK	**84.1**	2.5 UJK	0.5 U	5 U	**0.296 J**	1.5 U
						10/21/2019	0.5 U	**1.61**	0.5 U	5 UJ	**198**	2.5 U	0.5 U	5 UJ	**0.259 J**	1.5 U
						11/12/2019	-	2 U	-	-	**130**	-	-	-	2 U	-
						1/14/2020	5 U	**1.6 J**	5 U	50 U	**170**	25 U	5 U	50 U	2 U	15 U
						2/18/2020	-	2 U	-	-	**170**	-	-	-	2 U	-
						3/25/2020	-	2 U	-	-	**140**	-	-	-	**2.6**	-
						4/27/2020	-	1 U	-	-	**88**	-	-	-	1 U	-
						5/6/2020	0.5 U	**0.433 J**	0.5 U	5 U	**61.9**	2.5 U	0.5 U	5 U	**14.2**	1.5 U
						5/19/2020	-	1 U	-	-	**42**	-	-	-	**6.5**	-
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/25/2019	1 U	**1.2**	1 U	-	**27**	1 U	-	-	**4**	1 U
						3/9/2020	0.2 U	**1.2**	-	-	**100**	0.2 UJ	-	-	**1.7**	0.4 U
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/25/2019	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/12/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/25/2019	**1.1**	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
						3/13/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	**0.64**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	**0.42**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.97**	0.4 U
	FD					3/17/2020	**0.28**	0.2 U	-	-	0.2 U	0.2 UJ	-	-	**0.81**	0.4 U
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	0.2 U	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	0.2 U	**0.22**	1 U	-	0.2 U	0.2 U	-	-	**3.9**	0.4 U
HMW-13D	N	45.30	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	0.2 U	0.2 U	1 U	-	0.2 U	0.2 U	-	-	0.2 U	0.4 U
MW-105	N	45.59	80	-34.41	G	8/9/2012	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						8/10/2012	-	1 U	-	-	1 U	-	-	-	0.2 U	-
			130 - 140	-84.41 to -94.41	MW	8/16/2012	-	1 U	-	-	1 U	-	-	-	**0.32**	-
						9/5/2012	1 U	1 U	1 U	-	1 U	1 U	-	-	**0.23**	2 U
						12/29/2013	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						4/21/2015	-	1 U	-	-	**1.6**	-	-	-	0.2 U	-
						6/17/2015	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						10/27/2015	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						2/3/2016	-	1 U	-	-	1 U	-	-	-	**1.6**	-
						4/11/2018	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 UJ	**0.205 J**	1.5 U
						1/23/2019	0.5 U	0.5 U	0.5 U	5 U	**0.317 J**	2.5 U	0.5 U	5 U	**0.392 J**	1.5 U
						4/23/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 UJK	**0.238 J**	1.5 U
						7/17/2019	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 U	**0.265 J**	1.5 U
						10/22/2019	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	**0.214 J**	1.5 U
						1/20/2020	0.5 U	0.5 U	0.5 U	5 U	**0.348 J**	2.5 U	0.5 U	5 U	**0.568**	1.5 U
						5/12/2020	**0.635**	0.5 U	0.5 U	5 U	**1.02**	2.5 U	0.5 U	5 U	0.5 U	**0.193 J**

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
MW-106	N	52.9	35	17.90	G	8/14/2012	-	1 U	-	-	1 U	-	-	-	**0.36**	-
			50	2.90		8/14/2012	-	1 U	-	-	**120**	-	-	-	**20**	-
			90	-37.10		8/15/2012	-	1 U	-	-	**2.3**	-	-	-	**0.62**	-
MW-106	N	52.9	130 - 140	-77.10 to -87.10	MW	8/22/2012	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						9/5/2012	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						12/17/2013	1 U	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
						10/27/2015	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						2/2/2016	-	1 U	-	-	1 U	-	-	-	0.2 U	-
						4/26/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	0.5 UJK	1.5 U
						7/19/2019	0.5 U	0.5 U	0.5 U	5 UJK	0.5 U	2.5 U	0.5 U	5 UJK	0.5 U	1.5 U
						10/18/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 UJ	2.5 U	0.5 UJ	5 U	0.5 U	1.5 U
						1/14/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						5/6/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-140	N	50.32	129.5 - 139.5	-79.18 to -89.18	MW	9/22/2017	0.5 U	0.5 U	0.5 U	5 UJ	**0.45 J**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/12/2018	0.5 U	0.5 U	0.5 U	5 U	**0.572 J**	2.5 U	0.5 U	5 U	**0.246 J**	1.5 U
MW-153	N	54.84	120 - 130	-65.16 to -75.16	MW	5/1/2018	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**9.56**	1.5 U
						1/22/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**15.9**	1.5 U
						4/24/2019	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 UJK	0.5 U	5 U	**2.69**	1.5 U
						7/22/2019	**0.716**	0.5 U	0.5 U	5 U	**0.19 J**	2.5 UJK	0.5 U	5 U	**0.235 J**	**0.819 J**
						10/15/2019	0.5 U	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/21/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						4/30/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	0.5 U	1.5 U
MW-326	N	41.31	90 - 100	-48.69 to -58.69	MW	10/3/2019	**1.31**	0.5 U	0.5 U	5 U	**0.297 J**	2.5 U	0.5 U	5 U	0.5 U	1.5 U
						1/17/2020	0.5 U	0.5 U	0.5 U	5 U	**0.47 J**	2.5 U	0.5 U	5 U	0.5 UJ	1.5 U
						4/21/2020	0.5 U	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 U	**0.515 J**	1.5 U

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Volatile Organic Compounds									
							Toluene	trans-1,2-Dichloro ethene	trans-1,3-Dichloro propene	trans-1,4-Dichloro-2-butene	Trichloro ethene	Trichloro fluoro methane (CFC-11)	Trifluoro trichloro ethane (Freon 113)	Vinyl acetate	Vinyl chloride	Xylene (total)
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**640**	**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							15000	NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

E = Reported result is an estimate because concentration exceeds the calibration range of the instrument.

f = Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

K = Reported results with unknown bias.

MW = Monitoring well sample.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

T = Reported results below associated quantitation limit but above MDL.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

UND = Not detected, detection limit not indicated.

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TABLE 7-3n
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Dissolved													
							Antimony, Dissolved	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Copper, Dissolved	Lead, Dissolved	Mercury, Dissolved	Nickel, Dissolved	Selenium, Dissolved	Silver, Dissolved	Thallium, Dissolved	Zinc, Dissolved
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**6**	0.58	**2000**	**4**	**5**	**100**	**640**	**15**	2	**100**	**50**	**80**	**0.16**	**4800**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	NA
Natural Background[a]							NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.2	0.5	0.05	0.06	0.06	0.2	0.1	0.06	0.15	0.15	1	0.25	0.02	5
SHALLOW ZONE																				
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	**0.646**	1 U	-	0.2 U	0.2 U	0.5 U	**0.733**	0.5 U	0.1 U	**3.11**	1 U	0.2 U	0.2 U	**4.48**
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	**0.206**	**1.87**	-	0.2 U	0.2 U	0.5 U	**1.01**	0.5 U	0.1 U	**3.72**	1 U	0.2 U	0.2 U	**1.56**
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	**0.214**	1 U	-	0.2 U	0.2 U	**0.852**	0.5 U	0.5 U	0.1 U	**5.12**	1 U	0.2 U	0.2 U	**1.91**
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						3/11/2020	-	**12.3**	-	-	1 U	50 U	-	1 U	1 U	-	-	-	-	-
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	-	**2.57**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	-	**1.32**	-	-	1 U	**2.12**	-	1 U	1 U	-	-	-	-	-
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	-	**2.5**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-19S	N	58.2	35 - 45	23.20 to 13.20	MW	9/17/2020	-	**1.97**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	-	**2.03**	-	-	1 U	**4.26**	-	1 U	1 U	-	-	-	-	-
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	-	**4.01**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	-	**2.37**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	-	**3.22**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-12	N	33.69	27 - 32	6.69 to 1.69	G	3/6/2020	-	**14.4**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-13	N	35.98	30 - 35	5.98 to 0.98	G	3/9/2020	-	**41.2**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-16	N	53.7	30 - 40	23.70 to 13.70	G	9/3/2020	-	**2.6**	-	-	1 U	**1.21**	-	1 U	1 U	-	-	-	-	-
MBB-24	N	54.1	30 - 40	24.10 to 14.10	G	9/10/2020	-	**7.49**	-	-	1 U	1 U	-	1 U	1 UJ	-	-	-	-	-
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	-	3 U	**44**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-6	N	52.5	20 - 30	32.50 to 22.50	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	-	3 U	**28**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	-	3 U	**45**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Dissolved													
							Antimony, Dissolved	Arsenic, Dissolved	Barium, Dissolved	Beryllium, Dissolved	Cadmium, Dissolved	Chromium, Dissolved	Copper, Dissolved	Lead, Dissolved	Mercury, Dissolved	Nickel, Dissolved	Selenium, Dissolved	Silver, Dissolved	Thallium, Dissolved	Zinc, Dissolved
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**6**	0.58	**2000**	**4**	**5**	**100**	**640**	**15**	2	**100**	**50**	**80**	**0.16**	**4800**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	NA
Natural Background[a]							NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.2	0.5	0.05	0.06	0.06	0.2	0.1	0.06	0.15	0.15	1	0.25	0.02	5
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	-	3 U	**26**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	-	**6.9**	**32**	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	-	**3.3**	25 U	-	4 U	10 U	-	1 U	0.5 U	-	5 U	10 U	-	-
MBGW-14	N	46.09	20 - 30	26.09 to 16.09	G	3/6/2019	-	3 U	**40**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	-	3 U	**95**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	-	3 U	**25**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	-	3 U	**26**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
INTERMEDIATE A ZONE																				
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	-	**4.39**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
INTERMEDIATE B ZONE																				
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/10/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-4IA	N	58.7	50 - 60	8.70 to -1.30	MW	3/10/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	**9.67**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD						-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	-	**7.66**	-	-	1 U	**1.52**	-	1 U	1 U	-	-	-	-	-
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	-	**8.23**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DEEP ZONE																				
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/9/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/12/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/13/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD						-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	-	**1.54**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-13D	N	45.3	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	-	**5.25**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	-	**6.05**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-

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TABLE 7-3n
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total													
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**6**	0.58	**2000**	**4**	**5**	**100**	**640**	**15**	2	**100**	**50**	**80**	**0.16**	**4800**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	NA
Natural Background[a]							NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.2	0.5	0.05	0.06	0.06	0.2	0.1	0.06	0.15	0.15	1	0.25	0.02	5
SHALLOW ZONE																				
21417-MB9	N	39.05	15 - 25	24.05 to 14.05	G	5/11/2017	**0.694**	**2.88**	-	0.2 U	0.2 U	**6.59**	**23.7**	**123**	0.1 U	**7.56**	**1.06**	0.2 U	1 U	**49.2**
21417-MB10	N	38.08	20 - 30	18.08 to 8.08	G	5/11/2017	0.2 U	**13.5**	-	**0.264**	0.2 U	**27.7**	**17.2**	**24.1**	0.1 U	**11.2**	**1.92**	0.2 U	1 U	**20.8**
21417-MB11	N	39.04	15 - 25	24.04 to 14.04	G	5/11/2017	0.2 U	**6.34**	-	**0.248**	**0.353**	**9.77**	**13.2**	**19**	0.1 U	**14.3**	**1.02**	0.2 U	0.2 U	**44.2**
HMW-1S	N	36.01	20 - 30	16.01 to 6.01	MW	3/25/2019	-	**14**	**83**	-	4.4 U	11 U	-	**2.7**	0.5 U	-	5.6 U	11 U	-	-
						3/11/2020	-	**13.5**	-	-	1 U	50 U	-	1 U	1 U	-	-	-	-	-
HMW-2S	N	47.39	19.8 - 29.8	27.59 to 17.59	MW	3/12/2020	-	5 U	-	-	1 U	**7.48**	-	1 U	1 U	-	-	-	-	-
HMW-9S	N	55.39	25 - 35	30.39 to 20.39	MW	3/17/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-10S	N	48.21	24.7 - 34.7	23.51 to 13.51	MW	3/16/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-11S	N	41.47	25 - 35	16.47 to 6.47	MW	3/11/2020	-	**4.14**	-	-	1 U	**5.81**	-	**1.65**	1 U	-	-	-	-	-
HMW-17S	N	57.21	35 - 45	22.21 to 12.21	MW	9/17/2020	-	**1.57**	-	-	1 U	**5.45**	-	1 U	1 U	-	-	-	-	-
HMW-18S	N	57.61	35 - 45	22.61 to 12.61	MW	9/17/2020	-	**2.58**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-19S	N	58.2	35 - 45	23.20 to 13.20	MW	9/17/2020	-	**1.87**	-	-	1 U	**1.73**	-	1 U	1 U	-	-	-	-	-
HMW-20S	N	53.81	25 - 35	28.81 to 18.81	MW	9/18/2020	-	**2.04**	-	-	1 U	**4.99**	-	1 U	1 U	-	-	-	-	-
MBB-1	N	55.02	32 - 37	23.02 to 18.02	G	3/3/2020	-	**1.02**	-	-	1 U	**4.06**	-	1 U	1 U	-	-	-	-	-
MBB-2	N	55.45	32 - 37	23.45 to 18.45	G	3/3/2020	-	1 U	-	-	1 U	**1.65**	-	1 U	1 U	-	-	-	-	-
MBB-3	N	54.84	32 - 37	22.84 to 17.84	G	3/4/2020	-	1 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-4	N	54.61	32 - 37	22.61 to 17.61	G	3/5/2020	-	**2.23**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-5	N	50.53	32 - 37	18.53 to 13.53	G	3/5/2020	-	**4.15**	-	-	1 U	**4.55**	-	1 U	1 U	-	-	-	-	-
MBB-6	N	50.33	25 - 30	25.33 to 20.33	G	3/5/2020	-	**3.11**	-	-	1 U	**3.35**	-	1 U	1 U	-	-	-	-	-
MBB-7	N	49.41	27 - 32	22.41 to 17.41	G	3/4/2020	-	**1.09**	-	-	1 U	**12.4**	-	1 U	1 U	-	-	-	-	-
MBB-8	N	49.66	27 - 32	22.66 to 17.66	G	2/27/2020	-	**10.5**	-	-	1 U	**192**	-	**7.82**	1 U	-	-	-	-	-
MBB-9	N	47.55	27 - 32	20.55 to 15.55	G	2/28/2020	-	**3.59**	-	-	1 U	**12**	-	**1.27**	1 U	-	-	-	-	-
MBB-10	N	49.66	35 - 40	14.66 to 9.66	G	2/27/2020	-	**3.32**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
MBB-12	N	33.69	27 - 32	6.69 to 1.69	G	3/6/2020	-	**15.8**	-	-	1 U	**2.14**	-	1 U	1 U	-	-	-	-	-
MBB-13	N	35.98	30 - 35	5.98 to 0.98	G	3/9/2020	-	**38.1**	-	-	1 U	**1.33**	-	1 U	1 U	-	-	-	-	-
MBB-16	N	53.7	30 - 40	23.70 to 13.70	G	9/3/2020	-	**2.61**	-	-	1 U	**1.58**	-	1 U	1 U	-	-	-	-	-
MBB-24	N	54.1	30 - 40	24.10 to 14.10	G	9/10/2020	-	**7.53**	-	-	1 U	**3.22**	-	1 U	1 U	-	-	-	-	-
MBGW-1	N	39.95	20 - 30	19.95 to 9.95	G	3/6/2019	-	3.3 U	**65**	-	4.4 U	**12**	-	**1.7**	0.5 U	-	5.6 U	11 U	-	-
MBGW-2	N	46.11	20 - 30	26.11 to 16.11	G	3/4/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBGW-3	N	47.77	16 - 26	31.77 to 21.77	G	3/7/2019	-	**5.9**	**140**	-	4.4 U	**61**	-	**5.1**	0.5 U	-	5.6 U	11 U	-	-
MBGW-5	N	49.87	20 - 30	29.87 to 19.87	G	3/15/2019	-	**130**	**3200**	-	**5.8**	**1500**	-	**140**	**2.2**	-	**25**	11 U	-	-
MBGW-6	N	52.5	20 - 30	32.50 to 22.50	G	3/15/2019	-	**15**	**200**	-	4.4 U	**74**	-	**10**	0.5 U	-	5.6 U	11 U	-	-
MBGW-7	N	53.76	30 - 40	23.76 to 13.76	G	3/6/2019	-	**130**	**3500**	-	**7.5**	**1700**	-	**190**	**2.2**	-	**18**	11 U	-	-
MBGW-8	N	47.08	15 - 25	32.08 to 22.08	G	3/19/2019	-	**37**	**800**	-	4.4 U	**360**	-	**30**	0.5 U	-	5.6 U	11 U	-	-
MBGW-9	N	56.84	20 - 30	36.84 to 26.84	G	3/15/2019	-	**71**	**1900**	-	4.4 U	**930**	-	**89**	**0.88**	-	**7.9**	11 U	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total													
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**6**	0.58	**2000**	**4**	**5**	**100**	**640**	**15**	2	**100**	**50**	**80**	**0.16**	**4800**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	NA
Natural Background[a]							NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.2	0.5	0.05	0.06	0.06	0.2	0.1	0.06	0.15	0.15	1	0.25	0.02	5
MBGW-10	N	55.25	20 - 30	35.25 to 25.25	G	3/15/2019	-	**180**	**4200**	-	**6.1**	**2300**	-	**200**	**2.3**	-	**20**	22 U	-	-
MBGW-11	N	57.55	35 - 45	22.55 to 12.55	G	3/15/2019	-	**14**	**240**	-	4.4 U	**86**	-	**8.9**	0.5 U	-	5.6 U	11 U	-	-
MBGW-13	N	54.72	20 - 30	34.72 to 24.72	G	3/15/2019	-	**110**	**1600**	-	4.4 U	**910**	-	**110**	**1.8**	-	**9.5**	11 U	-	-
MBGW-14	N	46.09	20 - 30	26.09 to 16.09	G	3/6/2019	-	**6.1**	**130**	-	4.4 U	**38**	-	**16**	0.5 U	-	5.6 U	11 U	-	-
MBGW-15	N	40.87	20 - 30	20.87 to 10.87	G	3/15/2019	-	**35**	**390**	-	4.4 U	**170**	-	**20**	0.5 U	-	5.6 U	11 U	-	-
MBGW-16	N	52.14	20 - 30	32.14 to 22.14	G	3/8/2019	-	**210**	**4600**	-	**5.3**	**2400**	-	**190**	**1.8**	-	**31**	11 U	-	-
MBPP-5	N	45.92	18 - 28	27.92 to 17.92	G	3/7/2019	-	**15**	**230**	-	4.4 U	**93**	-	**9.3**	0.5 U	-	5.6 U	11 U	-	-
INTERMEDIATE A ZONE																				
HMW-2IA	N	45.55	34.8 - 44.8	10.75 to 0.75	MW	3/12/2020	-	**5.1**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-3IA	N	55.02	34.8 - 44.8	20.22 to 10.22	MW	3/13/2020	-	**4.57**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-6IA	N	58.65	37.5 - 47.5	21.15 to 11.15	MW	3/13/2020	-	**7.84**	-	-	1 U	**9.31**	-	1 U	1 U	-	-	-	-	-
HMW-9IA	N	55.26	36.7 - 46.7	18.56 to 8.56	MW	3/19/2020	-	**3**	-	-	1 U	**3.63**	-	1 U	1 U	-	-	-	-	-
HMW-20IA	N	53.83	41 - 51	12.83 to 2.83	MW	9/18/2020	-	**4.4**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
INTERMEDIATE B ZONE																				
HMW-1IB	N	38.29	54.3 - 64.3	-16.01 to -26.01	MW	3/10/2020	-	1 U	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-2IB	N	47.41	52.8 - 62.8	-5.39 to -15.39	MW	3/12/2020	-	**7.49**	-	-	1 U	**1.09**	-	1 U	1 U	-	-	-	-	-
HMW-4IA	N	58.7	50 - 60	8.70 to -1.30	MW	3/10/2020	-	**6.03**	-	-	1 U	5 U	-	1 U	1 U	-	-	-	-	-
HMW-5IB	N	58.44	49.7 - 59.7	8.74 to -1.26	MW	3/17/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-6IB	N	58.67	50 - 60	8.67 to -1.33	MW	3/13/2020	-	**8.55**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-7IB	N	58.69	49.7 - 59.7	8.99 to -1.01	MW	3/12/2020	-	**6.36**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-8IB	N	57.97	50.5 - 60.5	7.47 to -2.53	MW	3/11/2020	-	**10.7**	-	-	1 U	**25.3**	-	1 U	1 U	-	-	-	-	-
HMW-9IB	N	55.36	57 - 67	-1.64 to -11.64	MW	3/19/2020	-	**2.07**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-11IB	N	39.7	44.87 - 54.87	-5.17 to -15.17	MW	3/16/2020	-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
	FD						-	5 U	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-15IB	N	58.86	64 - 73	-5.14 to -14.14	MW	9/16/2020	-	**7.78**	-	-	1 U	**40.9**	-	1 U	1 U	-	-	-	-	-
HMW-16IB	N	57.02	55 - 65	2.02 to -7.98	MW	9/18/2020	-	**8.21**	-	-	1 U	**8.12**	-	1 U	1 U	-	-	-	-	-
DEEP ZONE																				
HMW-1D	N	38.07	80 - 90	-41.93 to -51.93	MW	3/9/2020	-	**2.59**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-2D	N	47.34	80 - 90	-32.66 to -42.66	MW	3/12/2020	-	**6.36**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-3D	N	56.56	80 - 90	-23.44 to -33.44	MW	3/13/2020	-	**4.69**	-	-	1 U	**2.29**	-	1 U	1 U	-	-	-	-	-
HMW-6D	N	58.58	79.9 - 89.7	-21.32 to -31.12	MW	3/16/2020	-	**5.53**	-	-	1 U	**1.4**	-	1 U	1 U	-	-	-	-	-
HMW-9D	N	55.32	79.7 - 89.7	-24.38 to -34.38	MW	3/17/2020	-	**7.95**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
	FD						-	**7.82**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-10D	N	48.16	79 - 89	-30.84 to -40.84	MW	3/16/2020	-	**5.22**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-12D	N	33.52	82 - 92	-48.48 to -58.48	MW	9/10/2020	-	**1.75**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
HMW-13D	N	45.3	89.5 - 99.5	-44.20 to -54.20	MW	9/10/2020	-	**5.47**	-	-	1 U	**9.39**	-	1 U	1 U	-	-	-	-	-
HMW-14D	N	46.35	70 - 80	-23.65 to -33.65	MW	9/16/2020	-	**5.91**	-	-	1 U	**1.34**	-	1 U	1 U	-	-	-	-	-

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Boring/ Well ID	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Grab or Monitoring Well?	Sample Date	Inorganic Compounds, Total													
							Antimony, Total	Arsenic, Total	Barium, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Protective of Drinking Water[a]							**6**	0.58	**2000**	**4**	**5**	**100**	**640**	**15**	2	**100**	**50**	**80**	**0.16**	**4800**
Protective of Indoor Air[a]							NA	NA	NA	NA	NA	NA	NA	NA	**0.83**	NA	NA	NA	NA	NA
Natural Background[a]							NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.2	0.5	0.05	0.06	0.06	0.2	0.1	0.06	0.15	0.15	1	0.25	0.02	5

Notes:

a. **Bold value** identified the selected screening level to determine if a constituent is retained as a COPC. This value is the lowest protective value unless adjusted for an elevated Natural Background or Median PQL.

Bold indicates a detected concentration at or above the laboratory reporting limit.

Highlighted indicates a detected concentration above the screening level.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).

- = Data not available or not applicable.

COPC = Constituent of Potential Concern.

FD = Field duplicate.

ft = feet.

G = Grab groundwater sample.

J = Estimated value.

MW = Monitoring well sample.

N = Primary environmental sample.

NA = Not applicable.

PQL = Practical Quantitation Limit.

U = Not detected at detection limit indicated.

ug/L = microgram per liter.

TABLE 7-4a
IDENTIFICATION OF COCs IN SOIL
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

COPC	Screening Levels: Vadose Zone (less than or equal to 25 feet bgs)			Screening Levels: Saturated Zone (greater than 25 feet bgs)			COC?	Rationale
	Direct Contact	Protective of Groundwater Vadose Zone	Natural Background	Direct Contact	Protective of Groundwater Saturated Zone	Natural Background		
Volatile Organic Compounds								
cis-1,2-Dichloroethene	--	--	NA	--	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Methylene Chloride	--	--	NA	--	**X**	NA	no	1. Constituent does not pose an unacceptable direct contact risk. 2. Constituent does not pose an unacceptable risk to drinking water. Although constituent exceeds screening level in soil indicating it could potentially cause an exceedance of drinking water levels in groundwater, empirical groundwater data indicates that methylene chloride is not a COC in groundwater. This indicates that the soil-to-drinking-water pathway is not complete and methylene chloride in soil does not pose an unacceptable risk to drinking water. 3. Constituent is a common laboratory contaminant and is likely a false positive.
Tetrachloroethene	--	--	NA	--	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Trichloroethene	--	--	NA	--	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Vinyl chloride	--	--	NA	--	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Semi-Volatile Organic Compounds								
Benzo(a)pyrene	**X**	--	NA	--	--	NA	yes	Retained as COC
cPAHs-TEQ	**X**	**X**	NA	--	--	NA	yes	Retained as COC
Total Petroleum Hydrocarbons								
Gasoline Range Organics	--	**X**	NA	--	--	NA	yes	Retained as COC
Inorganic Compounds								
Arsenic	**X**	**X**	**X**	**X**	**X**	**X**	yes	Retained as COC
Lead	**X**	--	**X**	--	--	--	yes	Retained as COC
Selenium	--	--	NA	--	**X**	NA	no	1. Constituent does not pose an unacceptable direct contact risk. 2. Constituent does not pose an unacceptable risk to drinking water. Although constituent exceeds screening level in soil indicating it could potentially cause an exceedance of drinking water levels in groundwater, empirical groundwater data indicates that selenium is not a COC in groundwater. This indicates that the soil-to-drinking-water pathway is not complete and selenium in soil does not pose an unacceptable risk to drinking water. 3. There are no known historical sources or releases of constituent on the Property. The greatest proportion of selenium released to the environment is coal fly ash. Other anthropogenic emission sources of selenium include coal and oil combustion facilities, selenium refining factories, base metal smelting and refining factories, mining and milling operations, and end-product manufacturers (e.g., some semiconductor manufacturers) (ATSDR 2003). None of these activities are known or suspected of having taken place on the property.

Notes:
Screening levels provided by Ecology (November 17, 2020).
Pink = COC.
X = Maximum detected conctration exceeded available screening level.
-- = Maximum detected concentration below available screening level.
bgs = Below ground surface.
COC = Constituent of Concern.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
NA = No screening level available.

TABLE 7-4b
IDENTIFICATION OF COCs IN GROUNDWATER
SEATTLE DOT MERCER PARCELS SITE
SEATTLE, WASHINGTON

COPC	Screening Levels			COC?	Rationale
	Protective of Drinking Water	Protective of Indoor Air	Natual Background		
Volatile Organic Compounds					
1,1-Dichloroethene	**X**	--	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
1,2-Dichloroethane	**X**	**X**	NA	no	Low frequency of detection (only one sample); low maximum exceedance factor (<1.7x most protective screening level; and never detected in soil).
Benzene	**X**	**X**	NA	yes	Retained as COC
cis-1,2-Dichloroethene	**X**	NA	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Tetrachloroethene	**X**	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Trichloroethene	**X**	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Vinyl chloride	**X**	**X**	NA	no	Constituent associated with groundwater plume originating from nearby site being addressed separately.
Methylene Chloride	**X**	**X**	NA	no	Frequent lab contaminant and low frequency of detection. Exceedance appears to be an anomaly.
Semi-Volatile Organic Compounds					
1-Methylnaphthalene	**X**	NA	NA	no	Low frequency of detection, low exceedance factor, and co-occurs with high gasoline range organics (which is a COC).
Total Petroleum Hydrocarbons					
Diesel Range Organics	**X**	NA	NA	yes	Retained as COC
Gasoline Range Organics	**X**	NA	NA	yes	Retained as COC
Heavy Oil Range Organics	**X**	NA	NA	no	Low frequency of detection, low frequency of exceedance, low exceedance factor. Detections appears to be biased high due to grab groundwater sample. Heavy oil was not detected in soil samples from nearby borings, indicating the groundwater exceedance is not associated with a release from the Property, as an on-Property source to groundwater would be expected to have left residual heavy oil in shallow soil as it migrated downward to the water table.
Inorganic Compounds					
Arsenic	**X**	NA	**X**	no	Constituent is associated with background conditions.
Barium	**X**	NA	NA	no	High levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.
Cadmium	**X**	NA	NA	no	High levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.
Chromium	**X**	NA	NA	no	High levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.
Lead	**X**	NA	NA	no	High levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.
Mercury	**X**	**X**	NA	no	High levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.

Notes:
Screening levels provided by Ecology (November 17, 2020).
Pink = COC.
X = Maximum detected conctration exceeded available screening level.
-- = Maximum detected concentration below available screening level.
COC = Constituent of Concern.
COPC = Constituent of Potential Concern.
NA = No screening level available.

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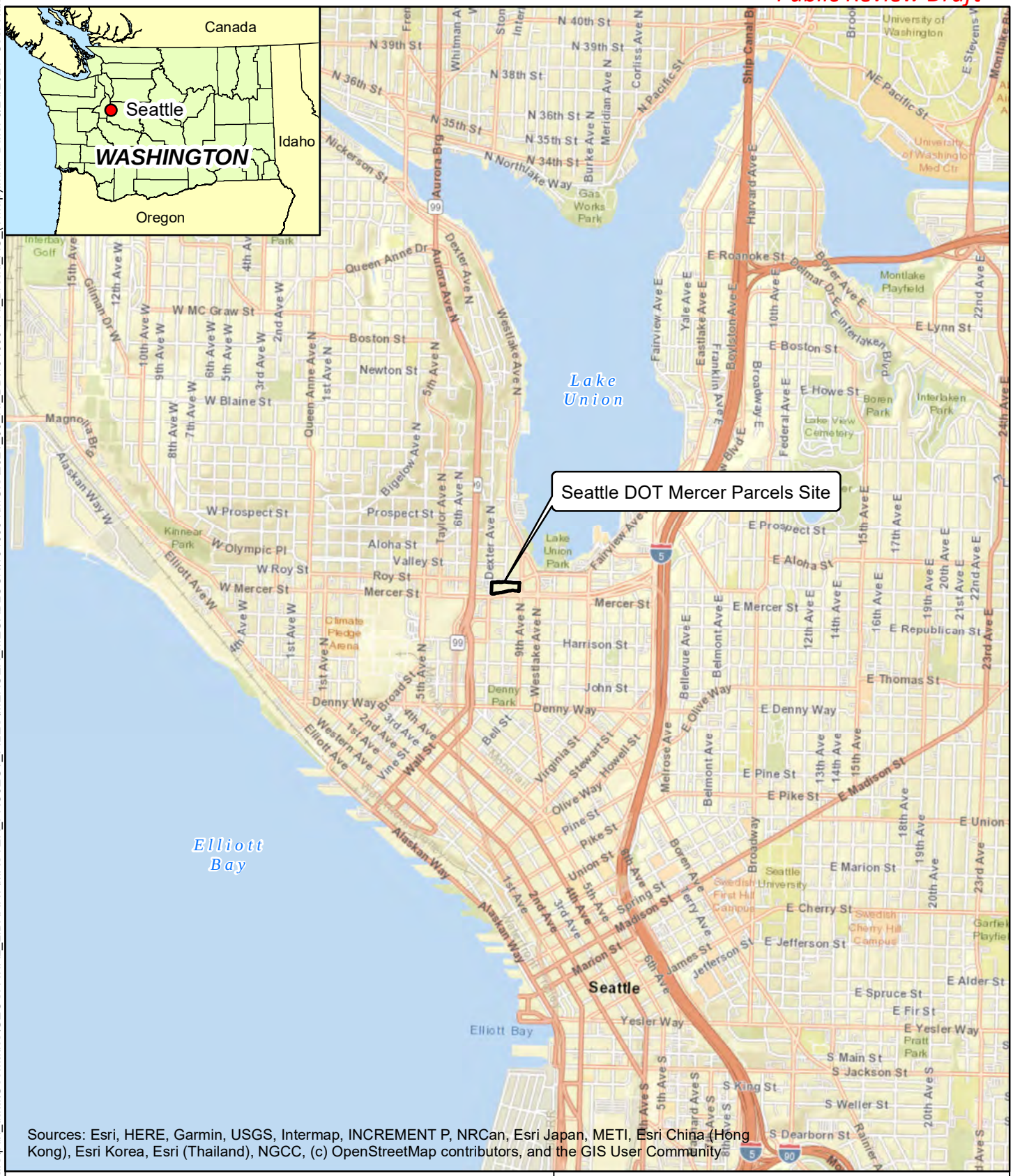

0 0.25 0.5 1 Miles

N

Seattle DOT Mercer Parcels Site
Seattle, Washington

Vicinity Map

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
1-1

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Public Review Draft

Legend

- Other Parcel Boundary
- Property Boundary

Underground Sewer Lines

- King County Main
- SPU Drainage Main
- SPU Combined Main

- King County Main Facility Structures
- Elevation Contour (King County LiDAR, 2016)

0 75 150 300 Feet

N

Sources: Aerial photograph provided by Hexagon Imagery Program Data. Address information

Seattle DOT Mercer Parcels Site
Seattle, Washington

Site Conditions Map

19409-04 06/21

HARTCROWSER
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Figure
2-1

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Public Review Draft

701 DEXTER AVE N (701 DEXTER SITE)
PREVIOUS RESIDENCES
Approximate Period of Operation: late 1800s to 1930s
Potential Hazardous Substances: Fuel Oil

EVIDENCE OF VENT PIPE
Potential Hazardous Substances: Fuel Oil.

PREVIOUS SEATTLE HARDWOOD FLOOR CO.
Approximate Period of Operation: 1935-1950
Potential Hazardous Substances: Paint, thinners, strippers

PREVIOUS PAINT SPRAY BOOTH AND WOODWORKING SHOP
Approximate Period of Operation: 1966-1969
Potential Hazardous Substances: Paint, thinners, strippers
PREVIOUS PLASTIC MIXING AND STORAGE
Approximate Period of Operation: 1950
Potential Hazardous Substances: Unknown, multiple

DEXTER AVE N

700 DEXTER AVE N (AMERICAN LINEN SUPPLY CO DEXTER AVE SITE)
PREVIOUS DRY CLEANERS
Approximate Period of Operation: 1925 - 1990s
Potential Hazardous Substances: Dry cleaning solvents and fuel oil (for boilder).
PREVIOUS GAS STATION
Approximate Period of Operation: 1930s
Potential Hazardous Substances: Gasoline. Possibly diesel fuel.

8TH AVE N

800 ROY ST (SEATTLE ROY ALOHA SHOPS SITE)
PREVIOUS SEATTLE CITY LIGHT MAINTENANCE FACILITY
Approximate Period of Operation: 1926 - Present
Potential Hazardous Substances: Gasoline. Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

701 9TH AVE N

900 ROY ST

701 9TH AVE N (BLOCK 79 EAST)

AUTO SHOWROOM AND SERVICE SHOP
Approximate Period of Operation: 1922 to 1980
Potential Hazardous Substances: Gasoline. Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

ROY ST

APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION
Approximate Period of Operation: 1930 to mid-1940s
Potential Hazardous Substances: Gasoline Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

PUMP ISLAND

PREVIOUS GAS STATION AND AUTO REPAIR STATION
Approximate Period of Operation: 1929 to 1960
Potential Hazardous Substances: Gasoline Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

PREVIOUS GAS STATION AND AUTO REPAIR STATION
Approximate Period of Operation: 1930 to 1955
Potential Hazardous Substances: Gasoline. Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

PREVIOUS CHEMICAL WORKS CO. AND SOAP MANUFACTURING
Approximate Period of Operation: 1925 to 1940
Potential Hazardous Substances: Unknown, multiple
PREVIOUS PAINTING/SIGN PAINTING
Approximate Period of Operation: 1925-1930 and 1944-1955
Potential Hazardous Substances: Paint, thinners, strippers, solvents.
PREVIOUS BOILER ROOM
Potential Hazardous Substances: Fuel oil

VALLEY ST

615 DEXTER AVE N (SEATTLE DOT DEXTER PARCEL SITE)

HISTORIC PETROLEUM USTs
Three 1,000-gallon heating oil and one 1,000-gallon bunker oil USTs pumped and rinsed in 1997, potentially the same as four solvent USTs totaling 2,000-gallons noted on 1950 Sanborn map
Potential Hazardous Substances: Gasoline, diesel, fuel oil, solvents (petroleum-based or chlorinated)

FORMER EXTENT OF BROAD STREET (1936-1958)

PREVIOUS AUTO WRECKING
Approximate Period of Operation: 1930 to 1955
Potential Hazardous Substances: Gasoline, diesel fuel, lube oil, lead-acid batteries.

601 WESTLAKE AVE N (AIBS BUILDING BLOCK 43)

FORMER EXTENT OF BROAD STREET (1958-2012)
Potential Hazardous Substances in Fill: Motor fuels, oils, demolition-related debris, metals, other unknown

601 DEXTER AVE N (601 DEXTER SITE)

PREVIOUS AUTO WRECKING (PARKING LOT)

9TH AVE N

PREVIOUS COLOTYLE CORPORATION (coated wall board manufacturing)
Approximate Period of Operation: 1940-1955
Potential Hazardous Substances: Unknown, multiple

MERCER ST

PREVIOUS PAINTING STORES
Approximate Period of Operation: 1950s
Potential Hazardous Substances: Paint, thinners, strippers

PREVIOUS AUTO REPAIR, SALES, AND FUELING OPERATIONS Approximate Period of Operation: 1950 to 2009
Potential Hazardous Substances: Gasoline. Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated).

APPROXIMATE GAS STATION AND AUTO REPAIR STATION
Approximate Period of Operation: 1930 to 1940s
Potential Hazardous Substances: Gasoline. Possibly diesel fuel, waste oil, and solvents (petroleum-based or chlorinated)

FORMER EXTENT OF 8TH AVENUE N (Late 1800s to 1950s)

PREVIOUS SIGN PAINTING
Approximate Period of Operation: 1975 to 1996
Potential Hazardous Substances: Paint, thinners, strippers, solvents.
UST
Potential Hazardous Substances: Fuel Oil

FORMER EXTENT OF LAKE UNION (Late 1800s to 1917)
Potential Hazardous Substances: Unknown, multiple

PREVIOUS LAUNDRY (No dry-cleaning evident)
Approximate Period of Operation: late 1920s to 1940s
Potential Hazardous Substances: Fuel oil (for water heating)

850 REPUBLICAN ST

PARCEL 1410

850 REPUBLICAN ST

515 WESTLAKE AVE N

Source: Aerial photograph provided by Hexagon Imagery Program Data.

Legend
- Other Parcel Boundary
- Property Boundary
- Former Edge of Lake Union (1905 Sanborn)
- Former Street Alignment
- Pre-1958 Street Alignment

0 25 50 100 Feet
Note: Feature locations are approximate.

N

Seattle DOT Mercer Parcels Site
Seattle, Washington

Potential Historical Contaminant Sources

19409-04 06/21

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Figure 3-1

Document Path: G:\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\19409904\MGIS\19409904-RI_Broad_AB_(PotentialSource).mxd Date: 1/14/2021 User Name: ericlindquist

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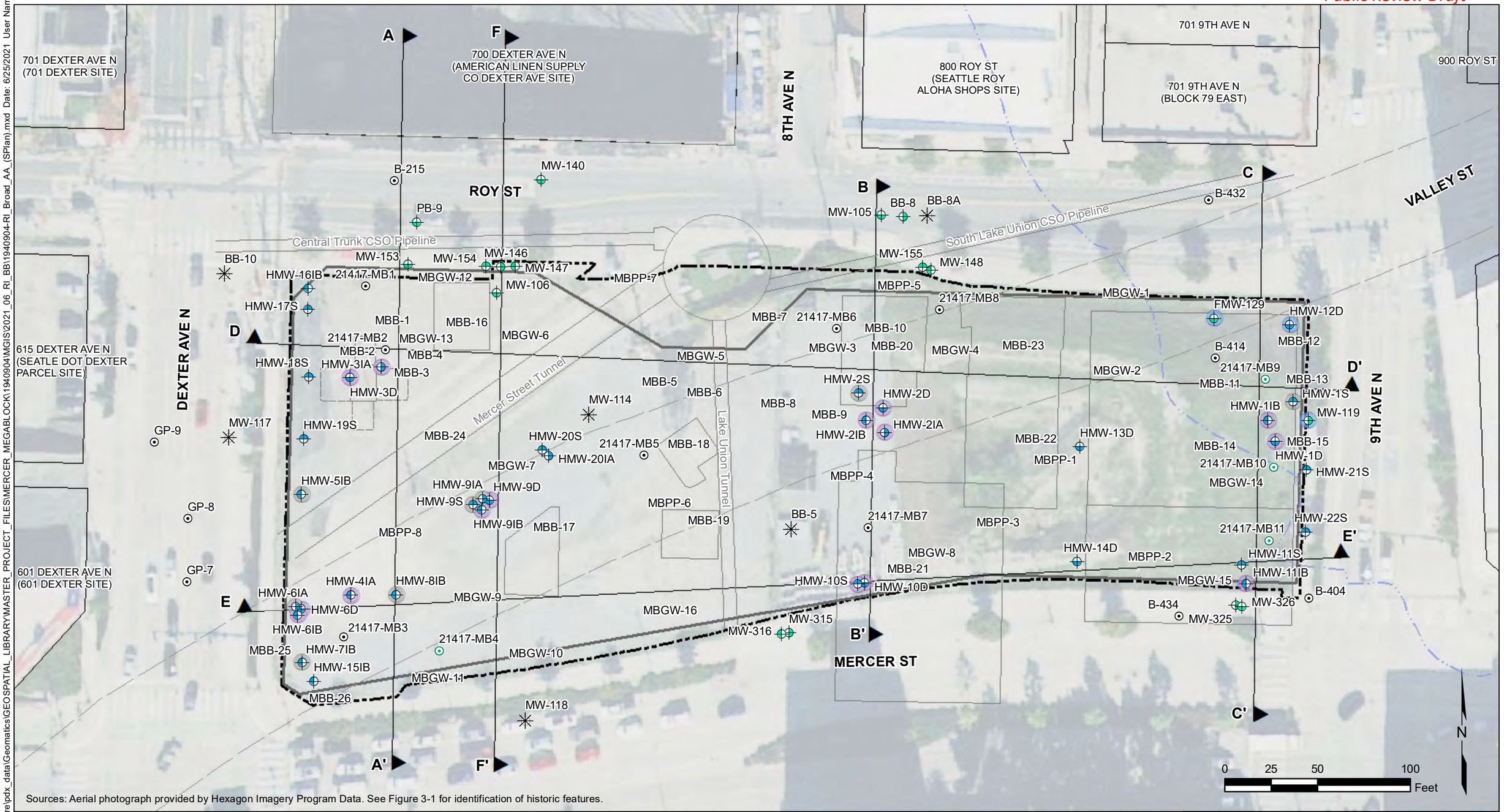

Sources: Aerial photograph provided by Hexagon Imagery Program Data. See Figure 3-1 for identification of historic features.

Legend

RI Investigations

- Soil Boring
- Soil Boring with Grab Groundwater Sample
- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well
- Slug Test Performed
- Slug Test Performed & Transducer/Datalogger Deployed
- Transducer/Datalogger Deployed
- Potential Historical Contaminant Source

Other Investigations

- Soil Boring
- Soil Boring with Grab Groundwater Sample
- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well
- Abandoned or Decommissioned Monitoring Well
- Cross Section
- Excavation Limits (Shoring Permit Plans by NBBJ dated 12/17/2020)
- King County Main Facility Structures
- Other Parcel Boundary
- Property Boundary

Seattle DOT Mercer Parcels Site
Seattle, Washington

Investigation Locations

19409-04 06/21

HARTCROWSER
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Figure
4-1

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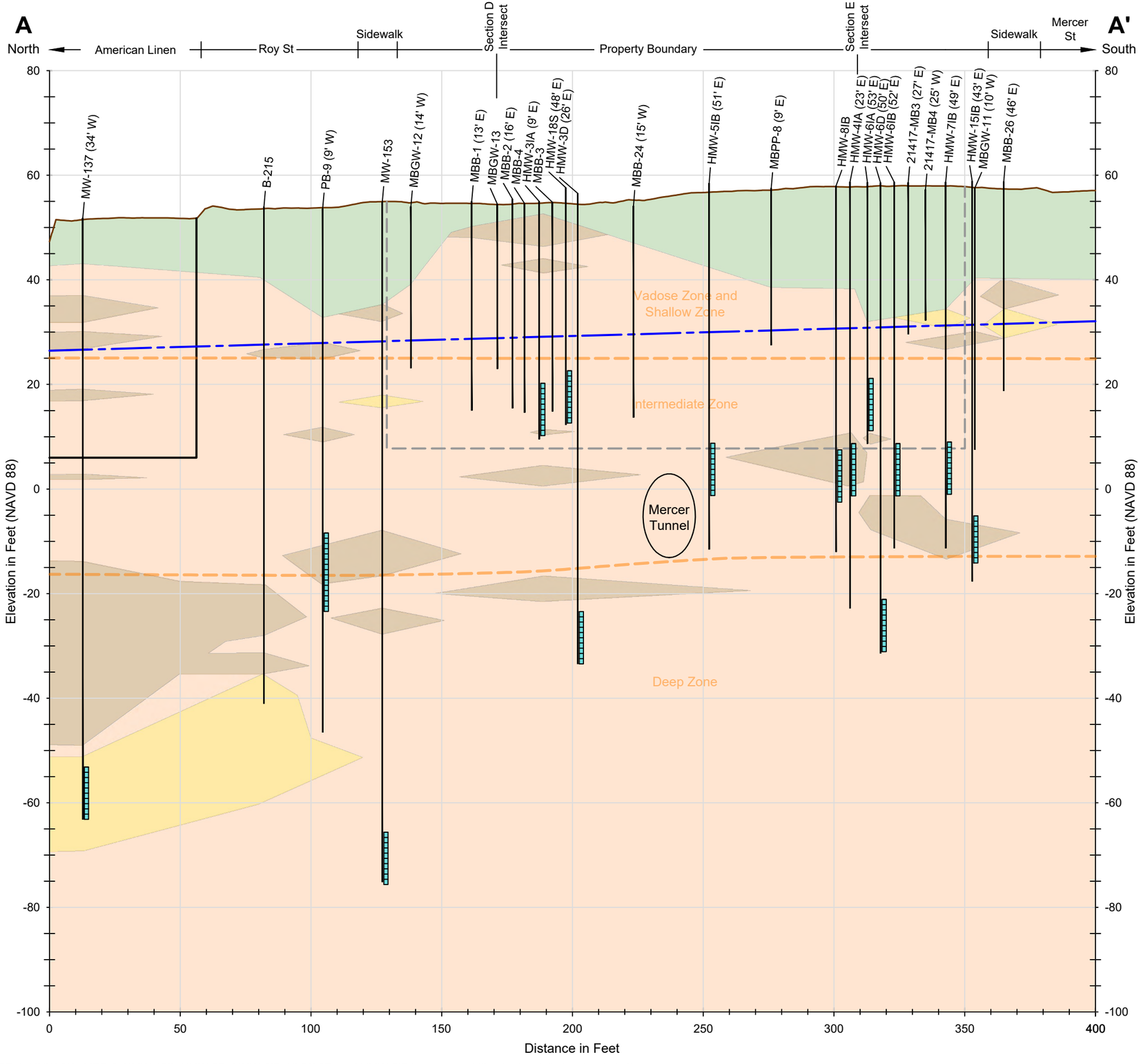
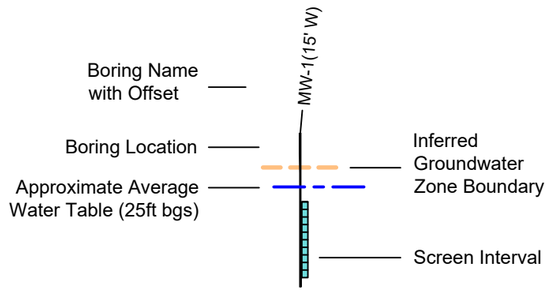
File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadA Date: 06-24-2021 Author: mschweitzer



Explorations MBB-4, HMW-3IA, MBB-3, HMW-18S, HMW-3D, HMW-8IB, HMW-6D, and HMW-6IB have been shifted horizontally for visual clarity.

Legend

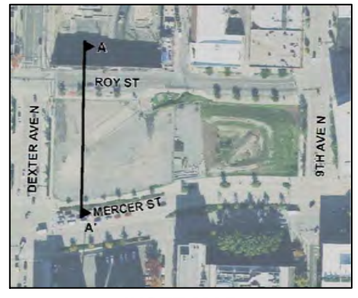


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

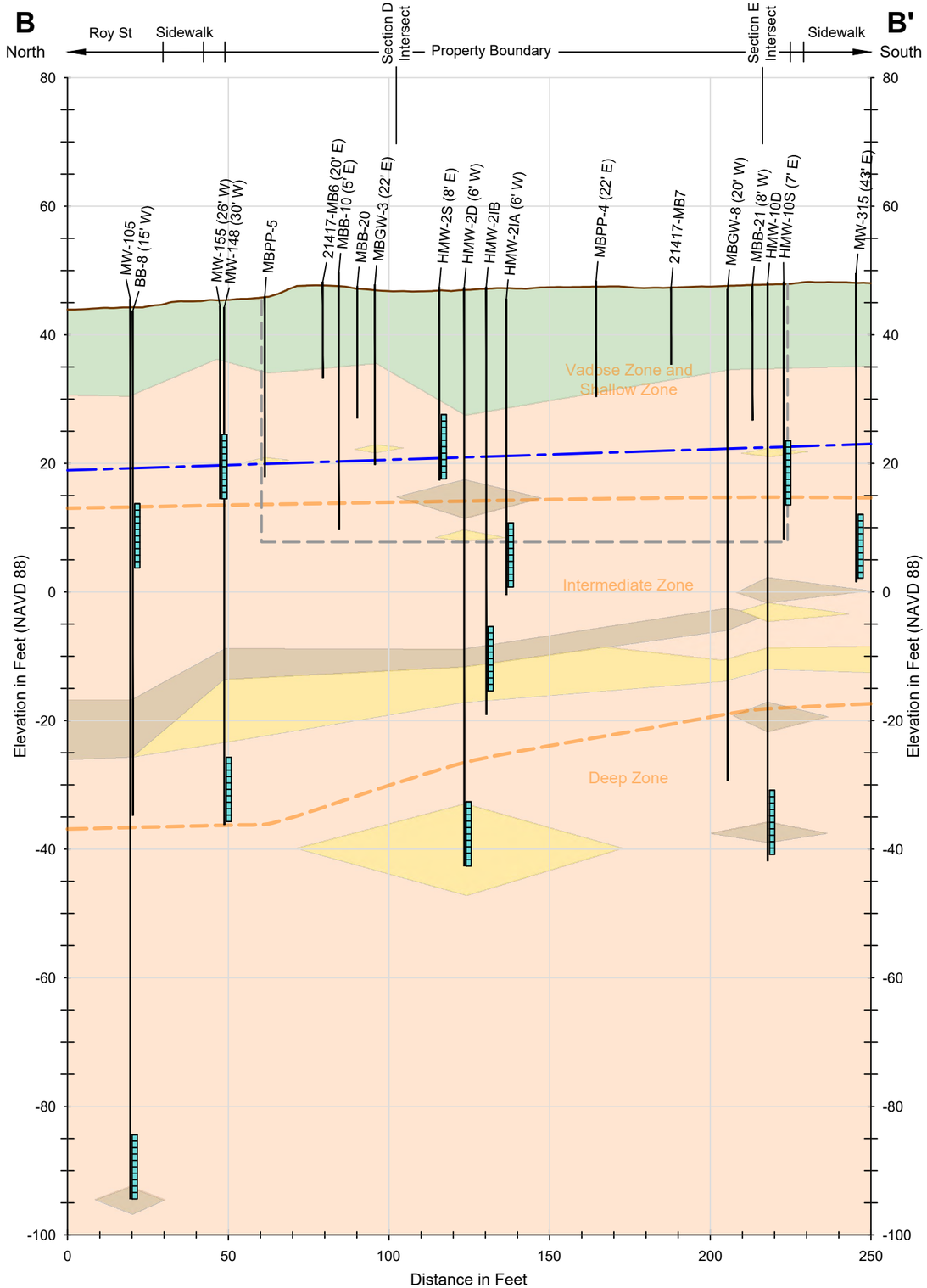
Seattle DOT Mercer Parcels Site
Seattle, Washington

Geological Cross Section A-A'

19409-04 06/21

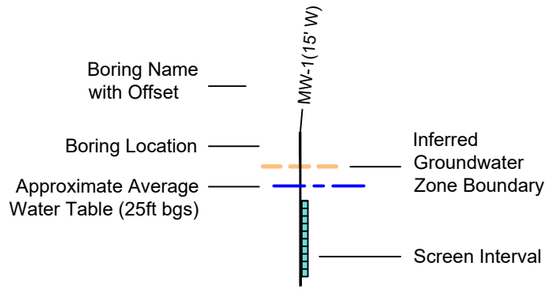
HARTCROWSER
A division of Haley & Aldrich

Figure
4-2a



Explorations 21417-MB6 and HMW-10S have been shifted horizontally for visual clarity.

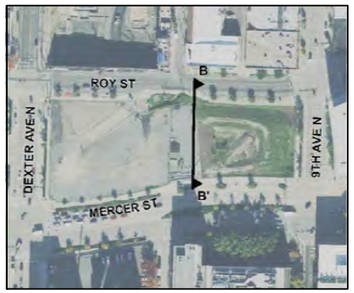
Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

Geological Cross Section B-B'

19409-04 06/21

HARTCROWSER
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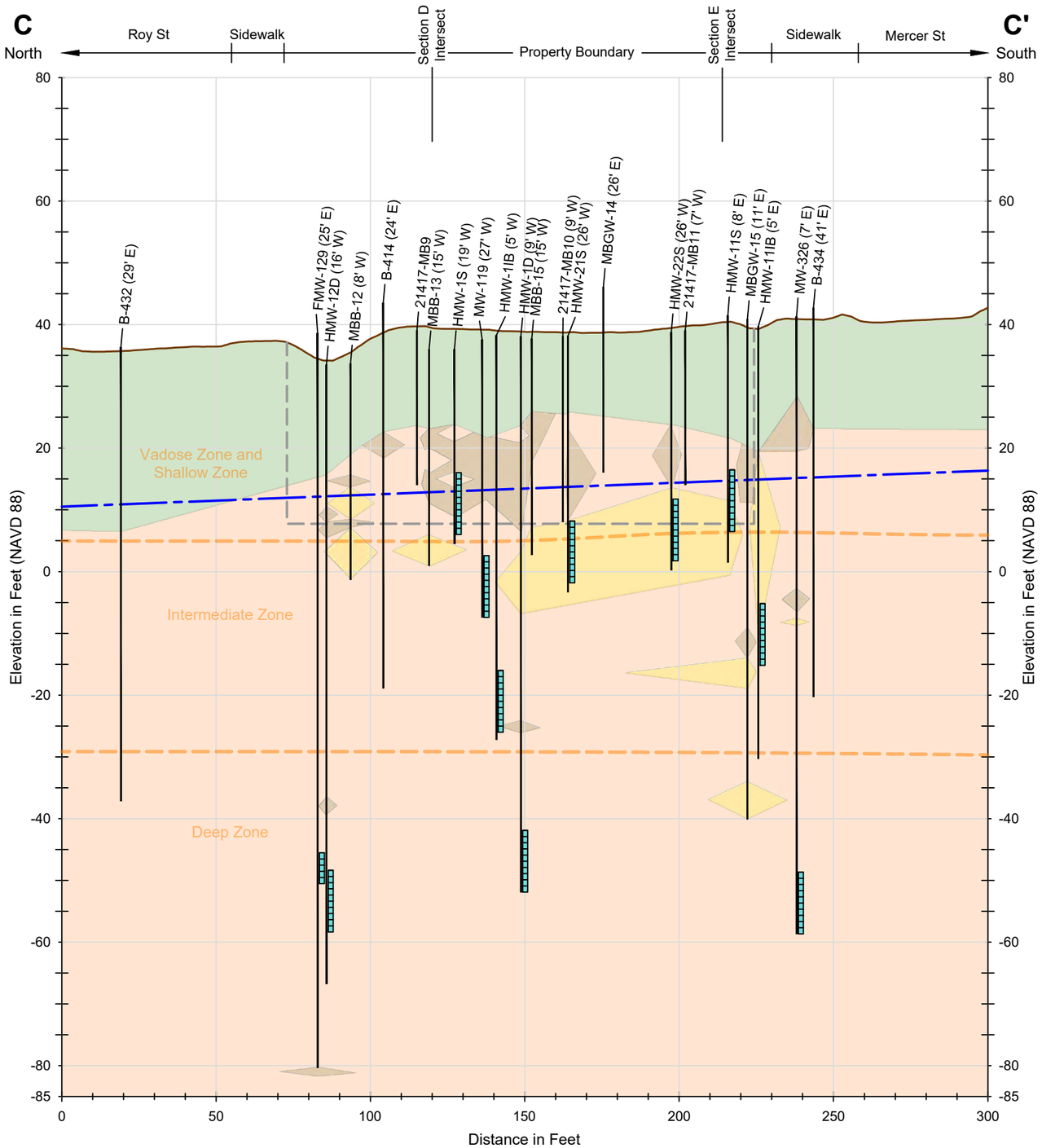
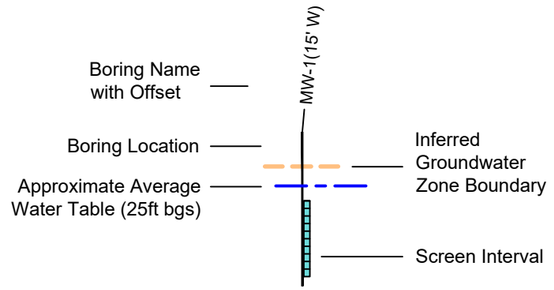
Figure
4-2b

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadB Date: 06-24-2021 Author: mschweitzer



Explorations MW-119 and HMW-1IB have been shifted horizontally for visual clarity.

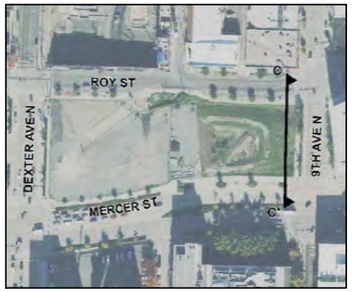
Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

Geological Cross Section C-C'

19409-04 06/21

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Figure **4-2c**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadC Date: 06-24-2021 Author: mschweitzer

Public Review Draft

D West Dexter Ave — Sidewalk — Section A Intersect — Section B Intersect — Property Boundary — Section B Intersect — Historic Broad Street Extents — Section C Intersect — Sidewalk — 9th Ave N East **D'**

HMW-18S (17' N)
HMW-3D (17' N)
MBB-2
MBB-1 (11' S)
HMW-3A (10' N)
MBB-3 (13' N)
MBGW-13
MBB-4 (6' N)
MBB-16 (11' S)
MW-106 (32' S)
MBGW-6 (6' S)
MBB-5 (16' N)
MBGW-5
MBB-6 (20' N)
MBB-7 (21' S)
MBB-8 (25' N)
MBGW-3 (6' S)
HMW-2S (13' N)
MBB-10 (18' S)
MBB-20 (12' S)
HMW-2D (21' N)
MBGW-4 (8' S)
MBB-23 (12' S)
MBGW-2
MBB-11
B-414 (14' S)
21417-MB9
HMW-1IB (18' N)
HMW-1D (29' N)
MBB-13
HMW-1S (8' N)
MW-119 (17' N)

Vadose Zone and Shallow Zone

Intermediate Zone

Deep Zone

Mercer Tunnel

Lake Union Tunnel

Elevation in Feet (NAVD 88)

80, 60, 40, 20, 0, -20, -40, -55

0, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600

Distance in Feet

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

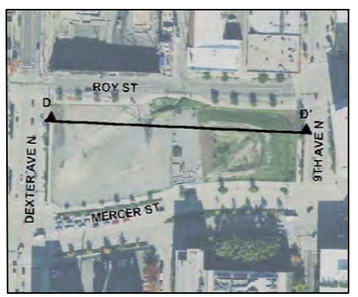
Legend

Boring Name with Offset — MW-1(15' W)
Boring Location
Approximate Average Water Table (25ft bgs)
Inferred Groundwater Zone Boundary
Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)



INSET MAP

Explorations MBB-1, MBB-2, MBB-4, and MBGW-13 have been shifted horizontally for visual clarity.

Seattle DOT Mercer Parcels Site
Seattle, Washington

Geological Cross Section D-D'

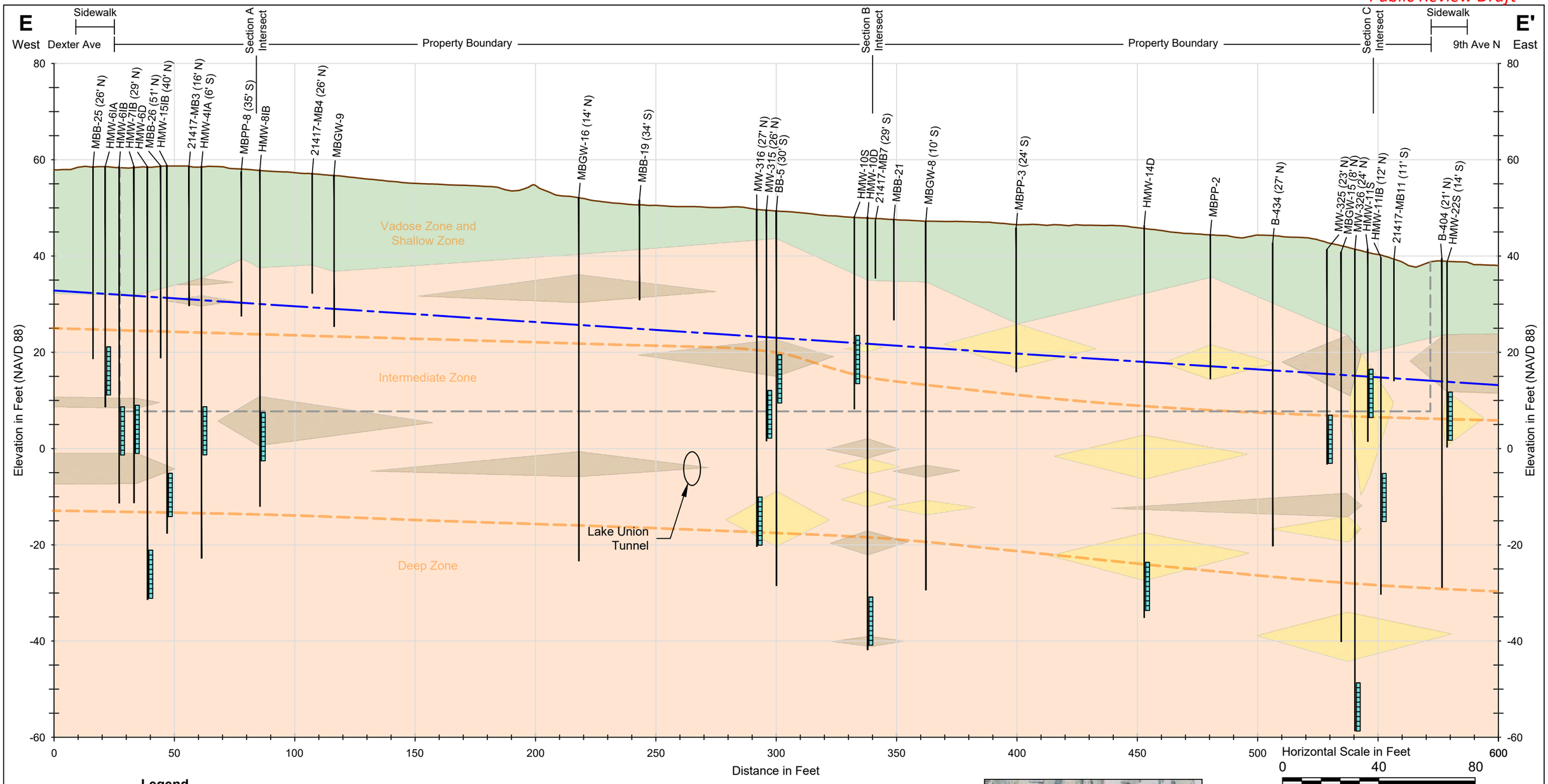
19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

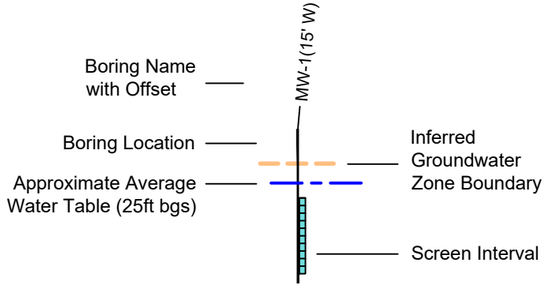
Figure **4-2d**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadD Date: 06-24-2021 Author: mschweitzer

Public Review Draft



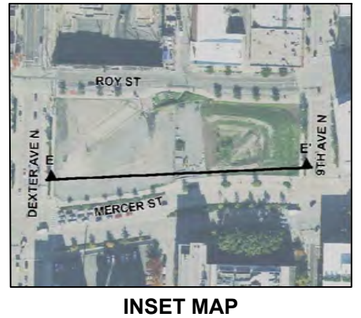
Legend



Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)



INSET MAP

Explorations HMW-6IA, HMW-6IB, HMW-6D, MBB-26, HMW-15IB, HMW-10S, HMW-11IB, HMW-11S, MBGW-15, and MW-325 have been shifted horizontally for visual clarity.

Seattle DOT Mercer Parcels Site
Seattle, Washington

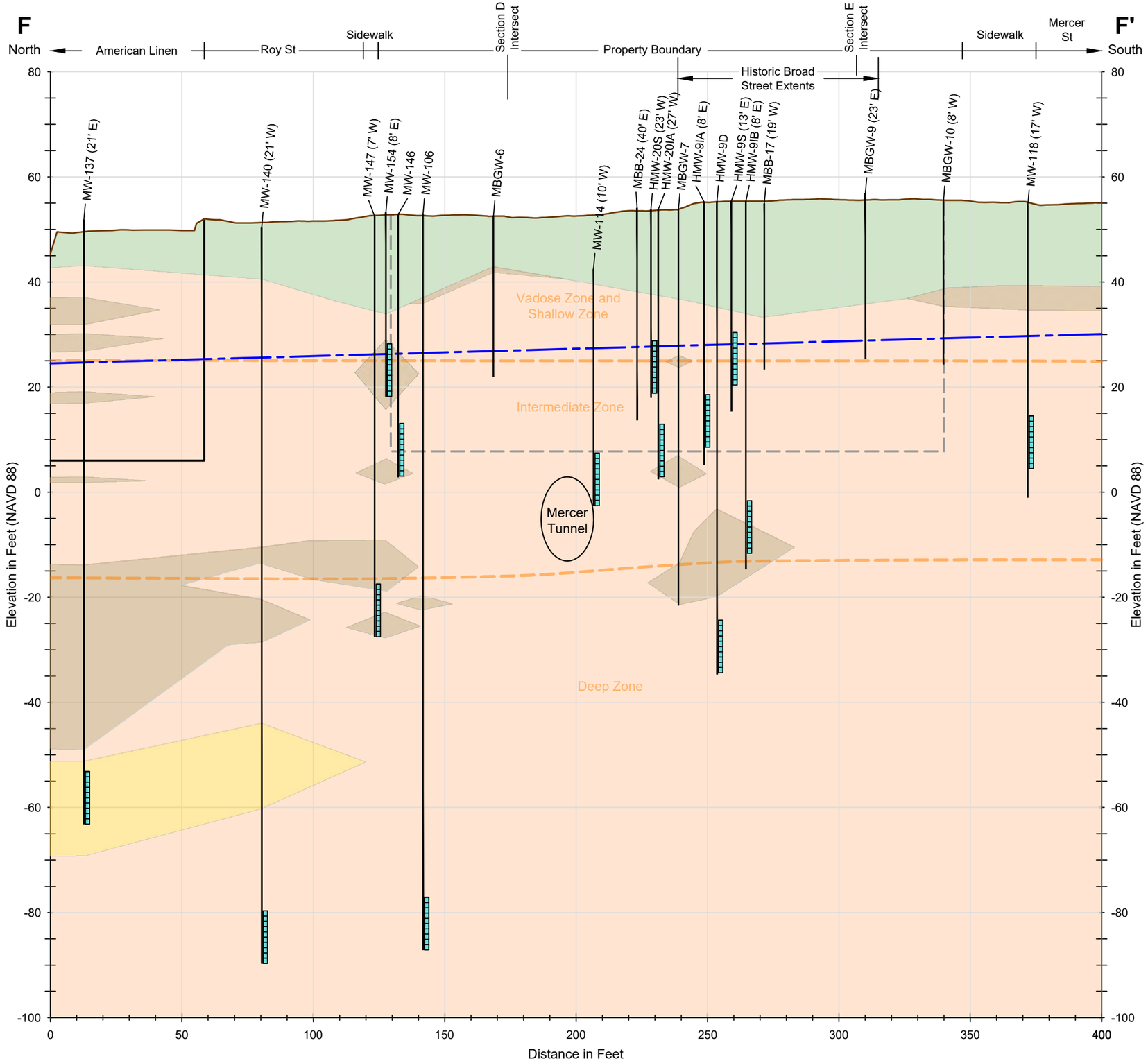
Geological Cross Section E-E'

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

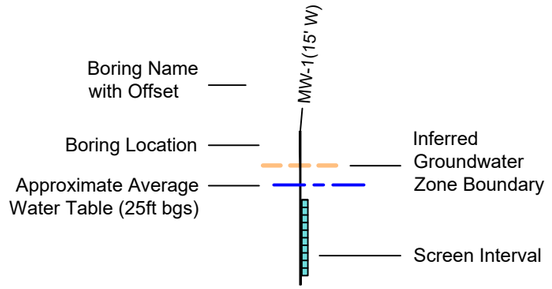
Figure
4-2e

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI_SEC_BroadE Date: 06-24-2021 Author: mschweitzer



Explorations MW-146, MW-147, HMW-9D, HMW-9ID, HMW-9S, HMW-20IA, and HMW-20S have been shifted horizontally for visual clarity.

Legend

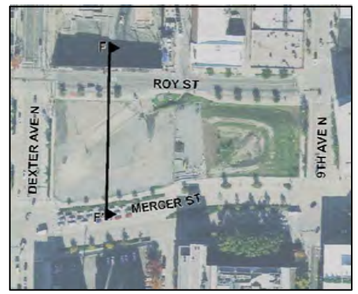


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

Geological Cross Section F-F'

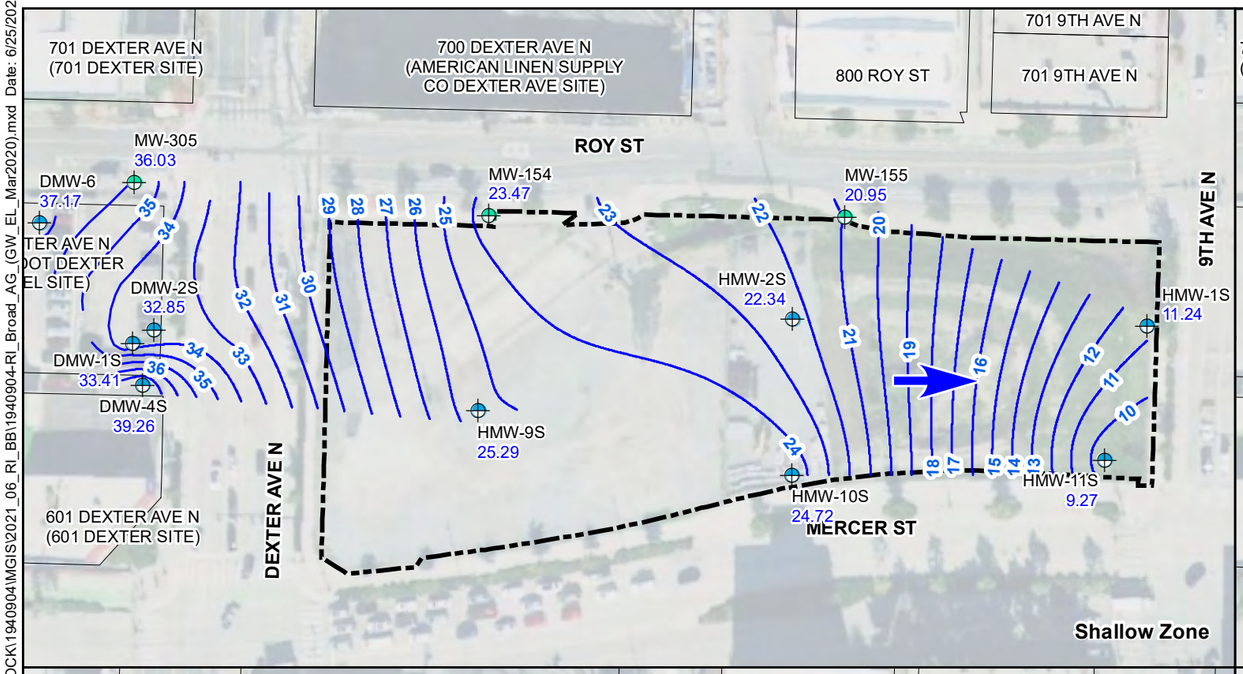
19409-04 06/21

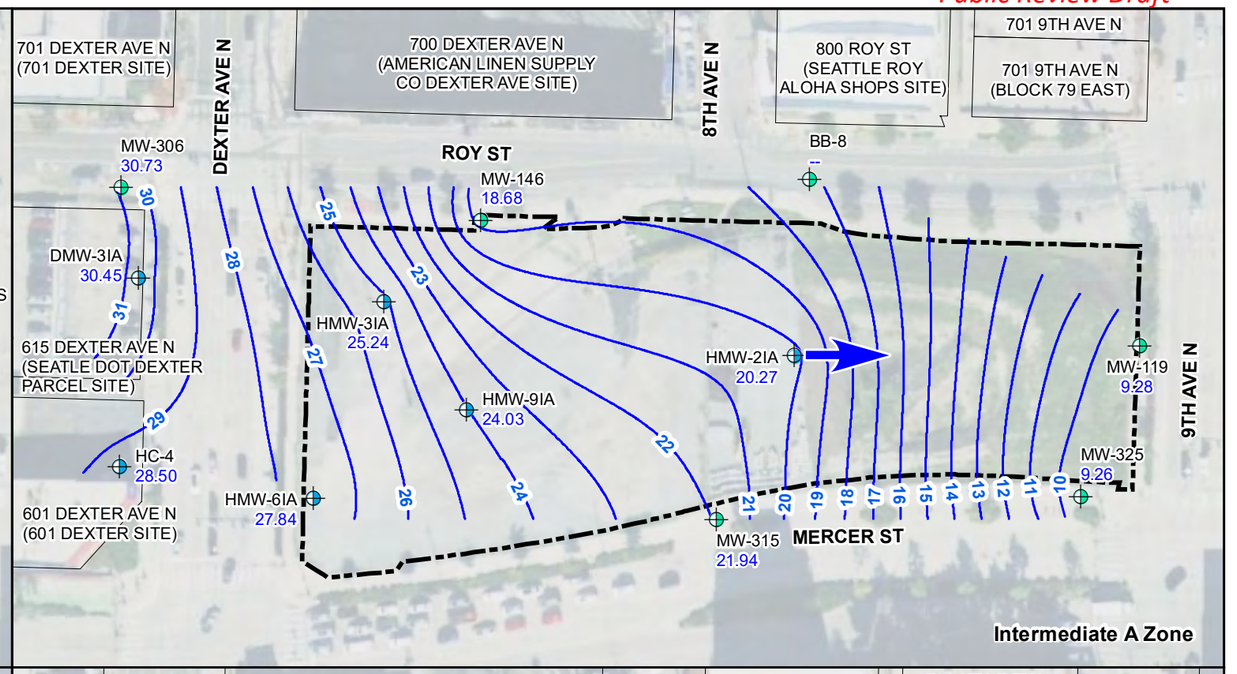
HARTCROWSER
A division of Haley & Aldrich

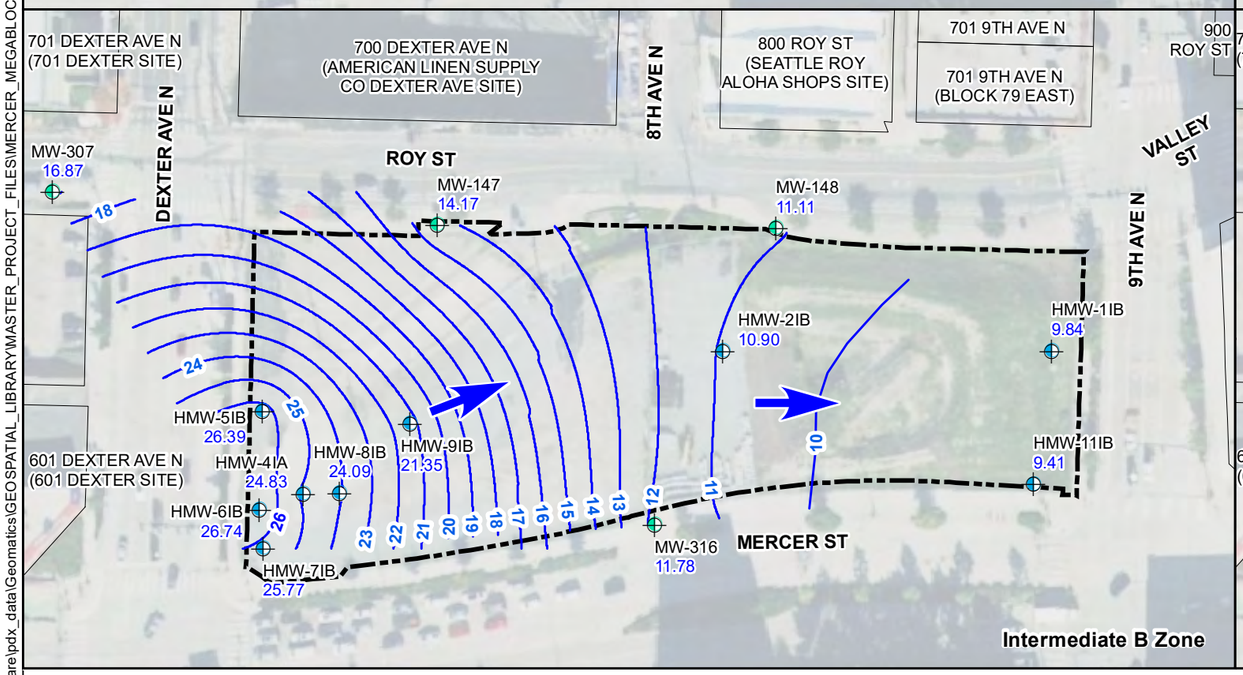
Figure
4-2f

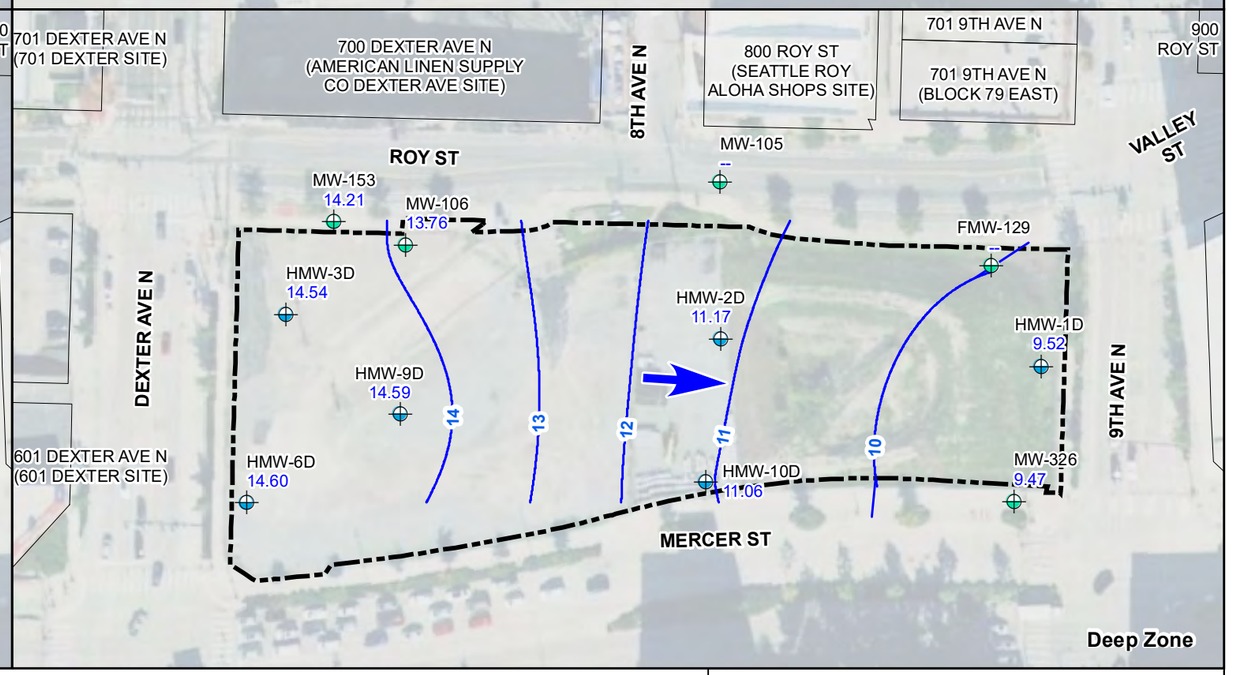
File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadF Date: 06-24-2021 Author: mschweitzer

Public Review Draft









Legend

RI Investigations

- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well

Other Investigations

- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well

32.85 Groundwater Elevation (March 19, 2020)

Groundwater Elevation Contour

Groundwater Flow Direction

Other Parcel Boundary

Property Boundary

-- Groundwater Elevation not Measured on March 19, 2020

Note:
1. Elevations are in NAVD 88, feet.

0 50 100 200 Feet

N

Source: Aerial photograph provided by Hexagon Imagery Program Data.

Seattle DOT Mercer Parcels Site
Seattle, Washington

Water Level Elevations
March 2020

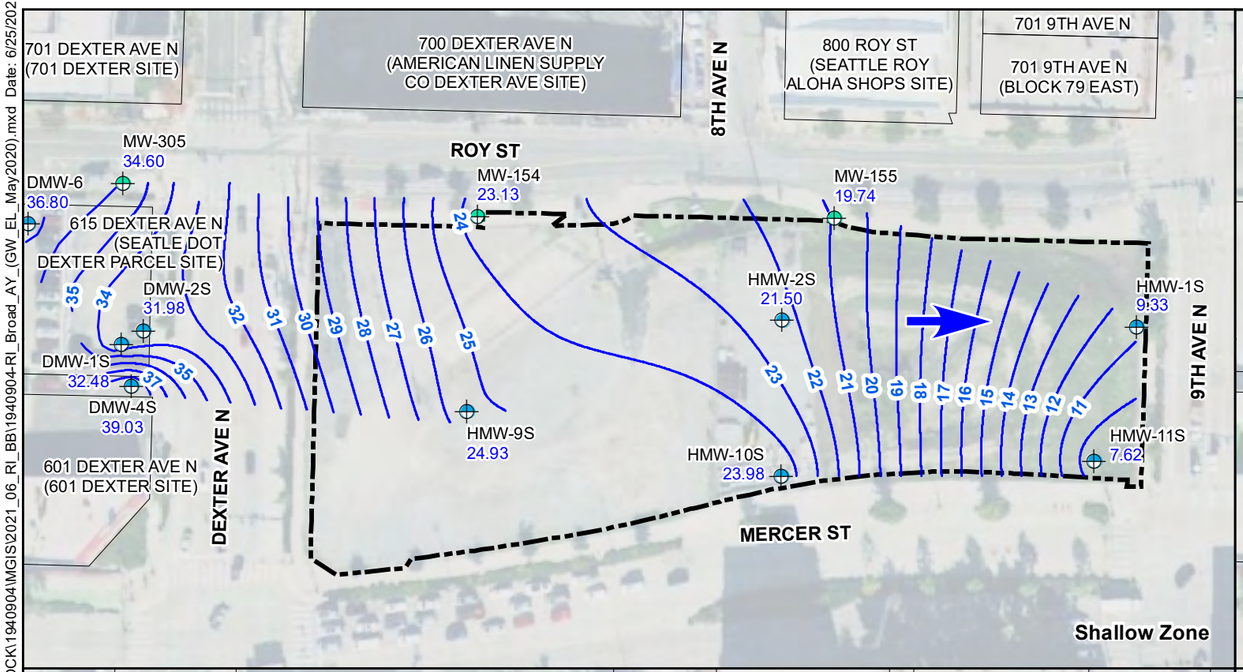
19409-04 06/21

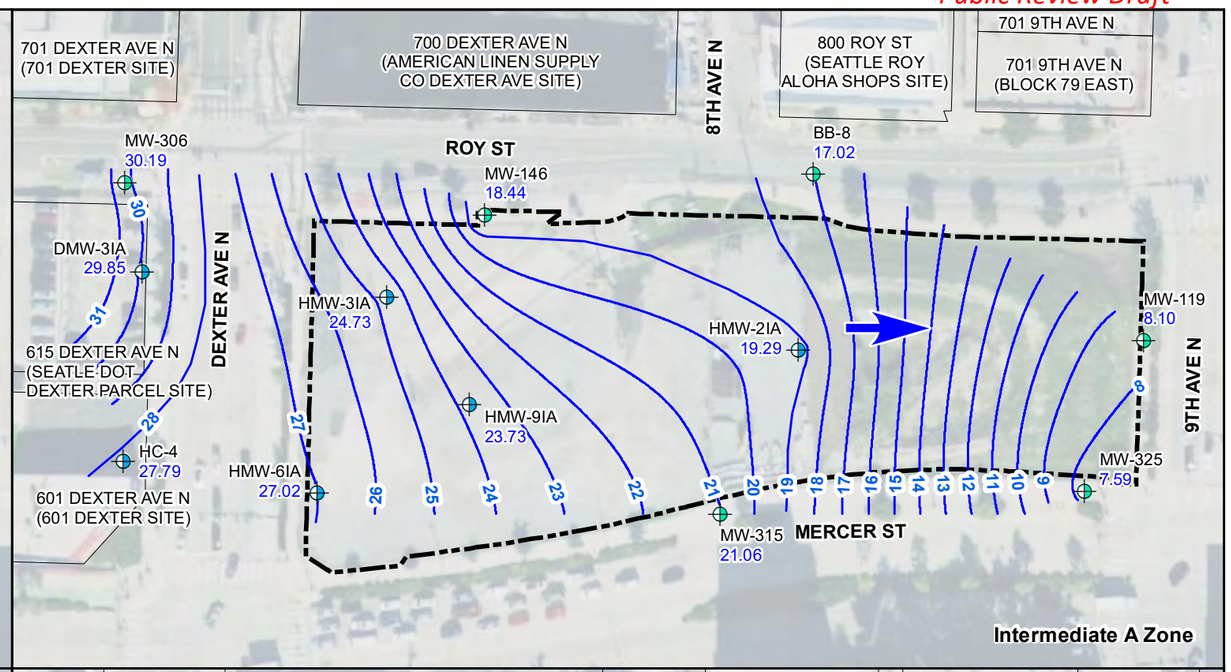
HARTCROWSER
A division of Haley & Aldrich

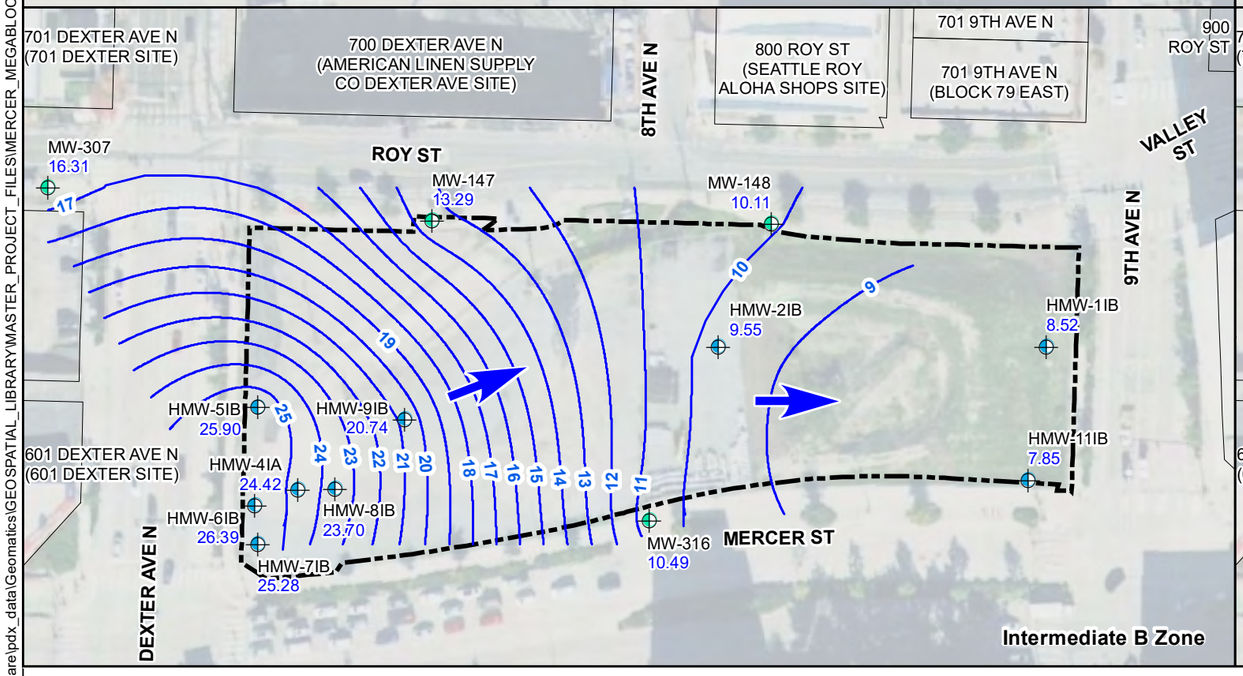
Figure
4-3a

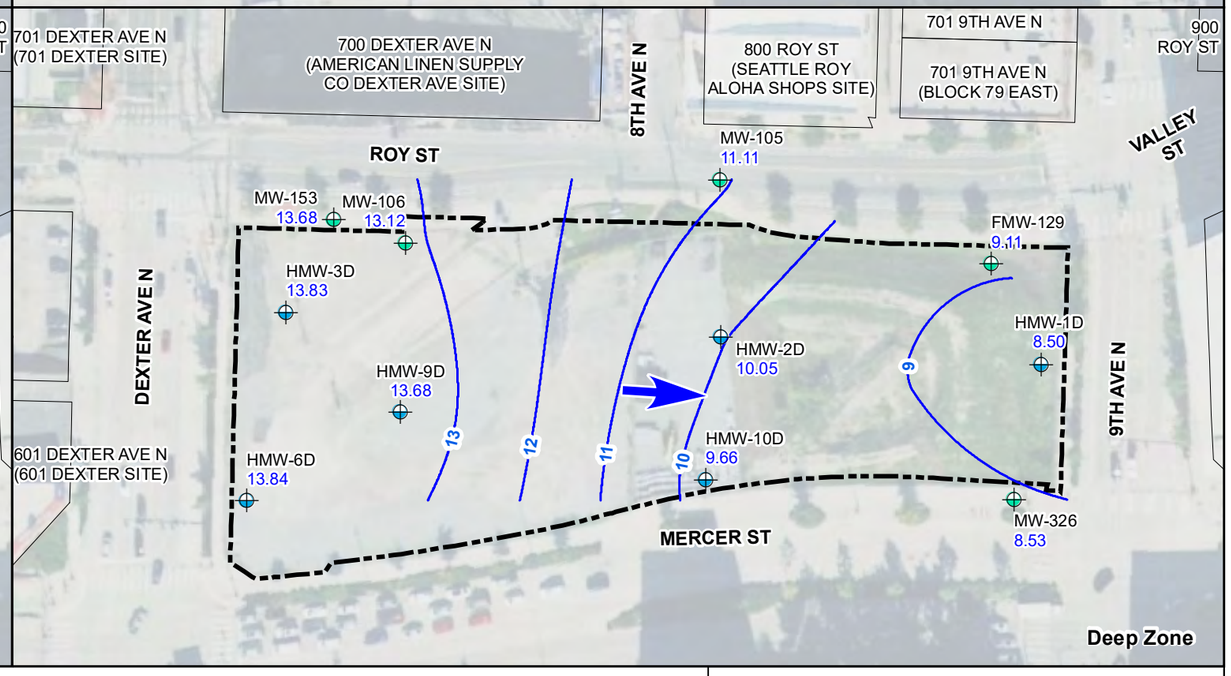
Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\1940904\MGIS\2021_06_RI_BB\1940904-RI_Broad_AG_(GW_EL_Mar2020).mxd Date: 6/25/2021 User: ...

Public Review Draft









Legend

RI Investigations

- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well

Other Investigations

- Shallow Zone Monitoring Well
- Intermediate A Zone Monitoring Well
- Intermediate B Zone Monitoring Well
- Deep Zone Monitoring Well

32.85 Groundwater Elevation (May 11, 2020)

Groundwater Elevation Contour

Groundwater Flow Direction

Other Parcel Boundary

Property Boundary

-- Groundwater Elevation not Measured on May 11, 2020

Note:
1. Elevations are in NAVD 88, feet.

0 50 100 200 Feet

N

Source: Aerial photograph provided by Hexagon Imagery Program Data.

Seattle DOT Mercer Parcels Site
Seattle, Washington

Water Level Elevations
May 2020

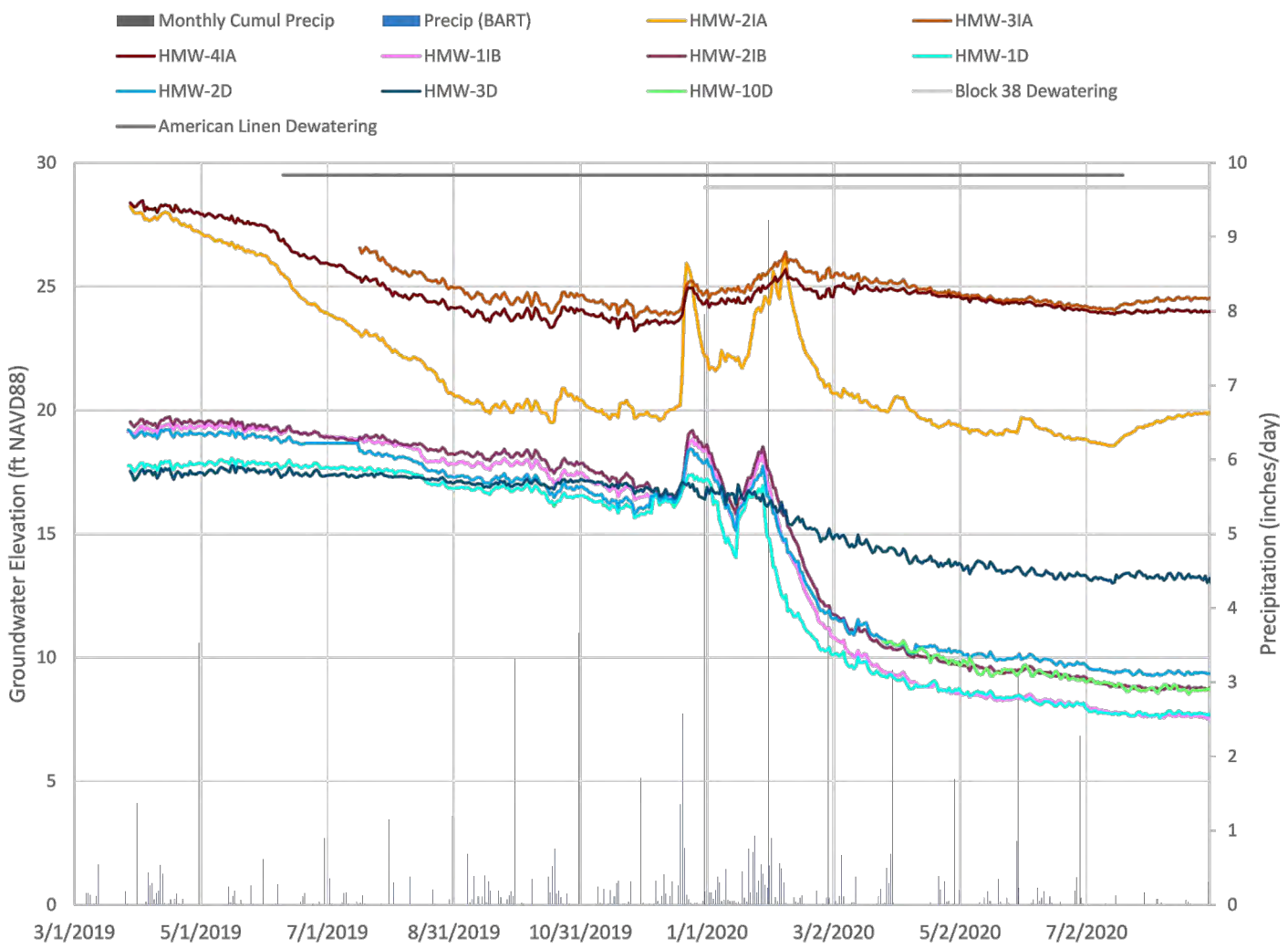
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
4-3b

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\1940904\MGIS\2021_06_RI_BB\1940904-RI_Broad_AY_(GW_EL_May2020).mxd Date: 6/25/2021 User: ...

Public Review Draft



Note: Precipitation data from UW Atmospheric Sciences Northwest Observational Data.

Seattle DOT Mercer Parcels Site
Seattle, Washington

Long-Term Water Levels for Selected Wells

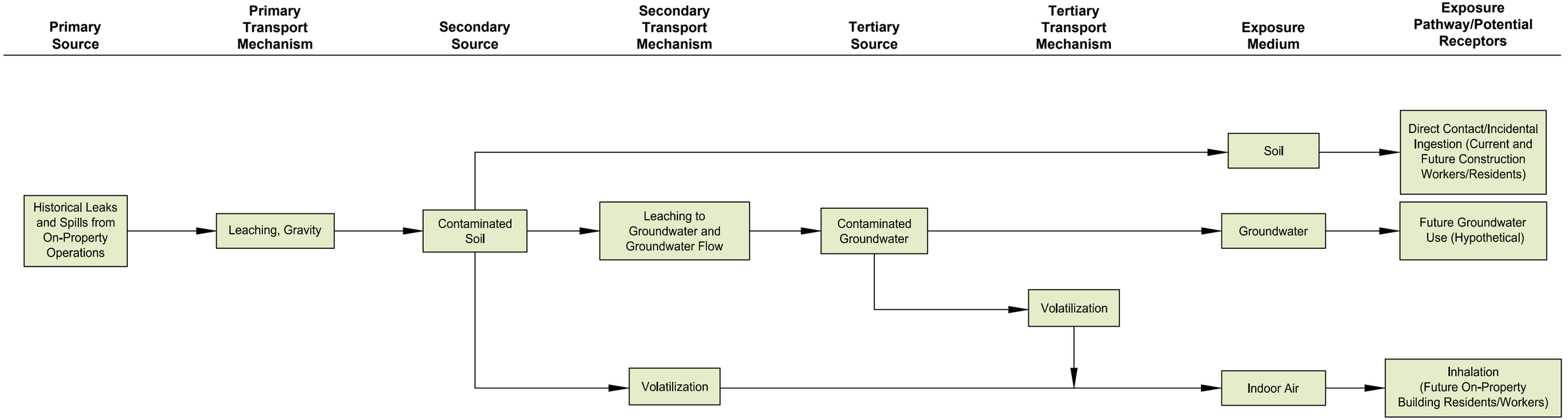
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
4-4

Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-003 (CSM).dwg Layout:RI-BroadBlock-A Date: 06-24-2021 Author: mschweitzer



Seattle DOT Mercer Parcels Site
Seattle, Washington

Sources, Pathways, and Receptors: On-Property Releases

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **6-1**

Public Review Draft

B-215	09/12/2017 35 ft el 18.95	09/12/2017 65 ft el -11.05
PCE	0.0277	11.1
TCE	0.00195	1.02
cis-1,2-DCE	0.062	1.55
VC	0.00118 U	0.0286 U

MW-140	08/30/2017 25 ft el 25.32	08/30/2017 35 ft el 15.32	08/30/2017 45 ft el 5.32	08/30/2017 55 ft el -4.68
PCE	0.147	15.1	4.27	1.56
TCE	0.0107	0.629	0.0793	0.0496
cis-1,2-DCE	0.00199	0.387	0.0431	0.13
VC	0.000316 U	0.0107 J	0.0016	0.099

MW-105	08/06/2012 30 ft el 15.59	08/08/2012 40 ft el 5.59	08/08/2012 50 ft el -4.41
PCE	1.3	0.025 U	0.18
TCE	0.16	0.03 U	0.04
cis-1,2-DCE	0.086	0.22	0.05 U
VC	0.05 U	0.05 U	0.05 U

MW-148	04/09/2018 30 ft el 14.29
PCE	0.00112 U
TCE	0.00112 U
cis-1,2-DCE	0.00364
VC	0.0144

MW-153	03/27/2018 50 ft el 4.84	03/28/2018 90 ft el -35.16	03/28/2018 110 ft el -55.16
PCE	0.00111 U	0.000799 J	0.00254
TCE	0.00111 U	0.0012 U	0.00118 U
cis-1,2-DCE	0.00111 U	0.000596 J	0.000773 J
VC	0.00767	0.00176	0.00311

MW-147	04/02/2018 30 ft el 22.49	04/02/2018 40 ft el 12.49	04/02/2018 50 ft el 2.49
PCE	0.0238	0.0146	0.00175
TCE	0.0033	0.00118	0.00105 J
cis-1,2-DCE	0.00239	0.00488	0.00432
VC	0.00112 U	0.0615	0.00322

HMW-1IB	03/12/2019 50 ft el -11.71
PCE	0.12 J
TCE	0.024 J
cis-1,2-DCE	0.05 U
VC	0.05 U

MW-106	08/14/2012 30 ft el 22.9	08/14/2012 40 ft el 12.9	08/14/2012 50 ft el 2.9
PCE	0.038	3.1	0.73
TCE	0.03 U	0.15	0.17
cis-1,2-DCE	0.05 U	0.05 U	0.11
VC	0.05 U	0.05 U	0.05 U

MW-114	12/10/2012 35 ft el 7.43	12/10/2012 40 ft el 2.43	12/10/2012 45 ft el -2.57
PCE	8.8	0.59	0.25
TCE	0.45	0.071	0.03 U
cis-1,2-DCE	0.11	0.05 U	0.05 U
VC	0.05 U	0.05 U	0.05 U

MBGW-5	03/11/2019 45 ft el 4.87
PCE	3.4
TCE	0.47
cis-1,2-DCE	0.26
VC	0.05 U

MBGW-3	03/07/2019 25 ft el 22.77
PCE	0.074
TCE	0.02 U
cis-1,2-DCE	0.05 U
VC	0.05 U

HMW-2IB	03/12/2019 45 ft el 2.41
PCE	0.12 J
TCE	0.02 U
cis-1,2-DCE	0.05 U
VC	0.05 U

21417-MB8	05/11/2017 27 ft el 18.28
PCE	0.0238
TCE	0.0152 U
cis-1,2-DCE	0.0152 U
VC	0.00152 U

MBB-23	09/21/2020 30 ft el 17.18
PCE	0.025 U
TCE	0.03 U
cis-1,2-DCE	0.014
VC	0.005 U

MW-326	09/09/2019 45 ft el -3.69	09/09/2019 50 ft el -8.69	09/09/2019 55 ft el -13.69	09/09/2019 65 ft el -23.69
PCE	0.00301 U	0.101 J	0.00304 U	0.00753
TCE	0.00169	0.0145	0.00122 U	0.00243
cis-1,2-DCE	0.0617	0.0057	0.015	0.00508
VC	0.00301 U	0.00286 U	0.00304 U	0.0029 U

ROY ST
DEXTER AVE N
MERCER ST
8TH AVE N

B-215 EL 53.95; MW-140 EL 50.32; MW-105 EL 45.59; BB-8 EL 43.72; MW-148 EL 44.29; MW-153 EL 54.84; 21417-MB1 EL 55.43; MBGW-12 EL 54; MW-147 EL 52.49; MW-106 EL 52.9; MBPP-7 EL 49.77; MBPP-5 EL 45.92; 21417-MB8 EL 45.28; MBGW-1 EL 39.95; HMW-17S EL 57.7; MBB-1 EL 55.02; MBB-16 EL 53.7; MBB-7 EL 49.41; 21417-MB6 EL 48.22; MBB-10 EL 49.66; MBB-20 EL 47.53; MBGW-3 EL 47.77; MBGW-4 EL 47.3; MBB-23 EL 47.18; 21417-MB2 EL 54.72; MBGW-13 EL 54.72; MBB-2 EL 55.45; MBGW-6 EL 52.5; HMW-3IA EL 55.02; MBB-4 EL 54.61; MBB-3 EL 54.84; MBGW-5 EL 49.87; MBB-5 EL 50.53; MBB-6 EL 50.33; HMW-18S EL 57.46; MBB-8 EL 49.66; MBB-9 EL 47.55; HMW-2IB EL 47.41; MBGW-2 EL 46.11; 21417-MB9 EL 39.05; HMW-1IB EL 38.29; MW-119 EL 37.66; MW-114 EL 42.43; MBB-24 EL 54.1; HMW-20S EL 53.57; 21417-MB5 EL 51.91; MBB-18 EL 51.33; MBB-22 EL 42.05; MBPP-1 EL 45.28; 21417-MB10 EL 38.08; MW-117 EL 57.78; HMW-19S EL 58.41; MBGW-7 EL 53.76; MBPP-4 EL 48.34; MBGW-14 EL 46.09; HMW-5IB EL 58.44; HMW-9S EL 55.39; HMW-9IA EL 55.26; HMW-9D EL 55.32; MBPP-6 EL 52.26; MBB-19 EL 51.68; BB-5 EL 49.48; 21417-MB7 EL 47.38; MBPP-3 EL 45.89; 21417-MB11 EL 39.04; MBPP-8 EL 57.52; HMW-9IB EL 55.36; MBB-17 EL 54.88; MBGW-8 EL 47.08; MBPP-2 EL 44.46; HMW-11S EL 41.47; HMW-10S EL 48.21; HMW-10D EL 48.16; MBB-21 EL 47.6; HMW-11IB EL 39.7; HMW-6IA EL 58.65; HMW-6IB EL 58.67; HMW-6D EL 58.58; HMW-4IA EL 58.7; HMW-8IB EL 57.97; MBGW-9 EL 56.84; MBGW-16 EL 52.14; MW-316 EL 49.71; MW-326 EL 41.31; 21417-MB3 EL 58.63; 21417-MB4 EL 57.24; HMW-7IB EL 58.69; MBGW-10 EL 55.25; MBGW-11 EL 57.55; MW-118 EL 54.5

0 20 40 80 Feet

N

CVOCs in SOIL
- EXCEEDANCE OF PCE, TCE, cis-1,2-DCE, OR VINYL CHLORIDE
- NO EXCEEDANCE
- NO DATA

SAMPLE DEPTH INTERVALS
- ≤ 10 FT BELOW GROUND SURFACE (BGS)
- 10 TO 20
- 20 TO 30
- 30 TO 40
- 40 TO 50
- > 50

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

SOME SAMPLING LOCATIONS MAY HAVE BEEN SLIGHTLY OFFSET ON THIS MAP TO REDUCE SYMBOL OVERLAP

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF GROUNDWATER SCREENING LEVELS

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88); EL = GROUND SURFACE ELEVATION

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR CVOCs SATURATED ZONE SOIL (> 25 FT BGS) (mg/kg)	
CONSTITUENT	PROTECTIVE OF GW SATURATED ZONE
Tetrachloroethene (PCE)	0.0028
Trichloroethene (TCE)	0.0015
cis-1,2-Dichloroethene (cis-1,2-DCE)	0.0052
Vinyl chloride (VC)	0.0015 (adjusted to PQL)

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs Distribution in Soil

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-2**

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2020_12_BB_Rl\135568_007-2_CVOCs_DISTRIBUTION_IN_SOIL.mxd — USER: craumann — LAST SAVED: 6/24/2021 5:22:20 PM

Public Review Draft

MW-146	04/30/2018 39.8 - 49.8 (ft) el 13.06 to 3.06	01/22/2019 39.8 - 49.8 (ft) el 13.06 to 3.06	04/24/2019 39.8 - 49.8 (ft) el 13.06 to 3.06	07/19/2019 39.8 - 49.8 (ft) el 13.06 to 3.06	10/14/2019 39.8 - 49.8 (ft) el 13.06 to 3.06	01/24/2020 39.8 - 49.8 (ft) el 13.06 to 3.06	04/30/2020 39.8 - 49.8 (ft) el 13.06 to 3.06	11/10/2020 39.8 - 49.8 (ft) el 13.06 to 3.06
PCE	3.56	2.29	1.5	3.08	2.03	21.1 J	50 U	0.21
TCE	48.4	21.6	12.4	14.4	6.77	50 U	50 U	2.8
cis-1,2-DCE	900	1080	257	257	1350	1460	2100	3800
VC	2100	1370	383	580	2830	3900	6040	5200

MW-155	04/27/2018 20 - 30 (ft) el 24.47 to 14.47	01/21/2019 20 - 30 (ft) el 24.47 to 14.47	04/23/2019 20 - 30 (ft) el 24.47 to 14.47	07/23/2019 20 - 30 (ft) el 24.47 to 14.47	10/16/2019 20 - 30 (ft) el 24.47 to 14.47	01/20/2020 20 - 30 (ft) el 24.47 to 14.47	05/05/2020 20 - 30 (ft) el 24.47 to 14.47
PCE	3.48	3.72	14.6	92.7	121	98.3	140
TCE	0.334 J	0.581	4.75	19.9	27.6	21.8	27.3
cis-1,2-DCE	0.466 J	0.274 J	71.9	12.1	36.2	12.7	16.4
VC	0.447 J	0.5 U	6.54 K	0.35 J	0.5 U	0.5 U	0.5 U

MW-154	04/30/2018 25 - 35 (ft) el 28.22 to 18.22	01/21/2019 25 - 35 (ft) el 28.22 to 18.22	04/24/2019 25 - 35 (ft) el 28.22 to 18.22	07/15/2019 25 - 35 (ft) el 28.22 to 18.22	10/14/2019 25 - 35 (ft) el 28.22 to 18.22	01/21/2020 25 - 35 (ft) el 28.22 to 18.22	04/30/2020 25 - 35 (ft) el 28.22 to 18.22
PCE	4.46	1.7	1.02	69.5	4.99	11.6	12.1
TCE	0.23 J	0.33 J	0.214 J	5.75	0.445 J	0.999	1.06
cis-1,2-DCE	1.77	2.03	1.76	2.55	1.4	2.26	2.58
VC	7.48	3.52	0.797	0.211 J	0.5 U	0.5 U	0.5 U

BB-8	04/11/2018 30 - 40 (ft) el 13.72 to 3.72	01/23/2019 30 - 40 (ft) el 13.72 to 3.72	04/23/2019 30 - 40 (ft) el 13.72 to 3.72	07/17/2019 30 - 40 (ft) el 13.72 to 3.72	10/22/2019 30 - 40 (ft) el 13.72 to 3.72	01/20/2020 30 - 40 (ft) el 13.72 to 3.72	05/12/2020 30 - 40 (ft) el 13.72 to 3.72
PCE	33.7 J	133	48.8	169	135 J	138	142
TCE	6.13 J	43.1	9.09	28.9	46.6	25.4	30.8
cis-1,2-DCE	4.64	81.5	7.57	19.3	31.8 J	16.5	17.6
VC	0.5 U	0.618	0.5 UJK	0.5 U	0.162 J	0.5 U	0.5 U

MBGW-1	03/06/2019 20 - 30 (ft) el 19.95 to 9.95
PCE	9.5
TCE	3.9
cis-1,2-DCE	19
VC	0.2 U

MBB-10	02/27/2020 35 - 40 (ft) el 14.66 to 9.66
PCE	98
TCE	59
cis-1,2-DCE	130
VC	0.88

MBB-7	03/04/2020 27 - 32 (ft) el 22.41 to 17.41
PCE	9.4
TCE	1.9
cis-1,2-DCE	7.3
VC	0.2 U

MBGW-3	03/07/2019 16 - 26 (ft) el 31.77 to 21.77
PCE	35
TCE	7.4
cis-1,2-DCE	4.8
VC	0.2 U

MBGW-15	03/15/2019 20 - 30 (ft) el 20.87 to 10.87
PCE	35
TCE	1 U
cis-1,2-DCE	1 U
VC	0.2 U

MBGW-12	03/19/2019 17.5 - 27.5 (ft) el 36.5 to 26.5
PCE	5.1
TCE	1
cis-1,2-DCE	1 U
VC	0.2 U

HMW-4IA	03/25/2019 50 - 60 (ft) el 8.7 to -1.3	03/10/2020 50 - 60 (ft) el 8.7 to -1.3
PCE	1 U	0.2 U
TCE	1 U	0.2 U
cis-1,2-DCE	1 U	0.2 U
VC	3.6	0.41

HMW-9IA	03/19/2020 36.7 - 46.7 (ft) el 18.56 to 8.56
PCE	0.42
TCE	0.23
cis-1,2-DCE	3.7
VC	0.95

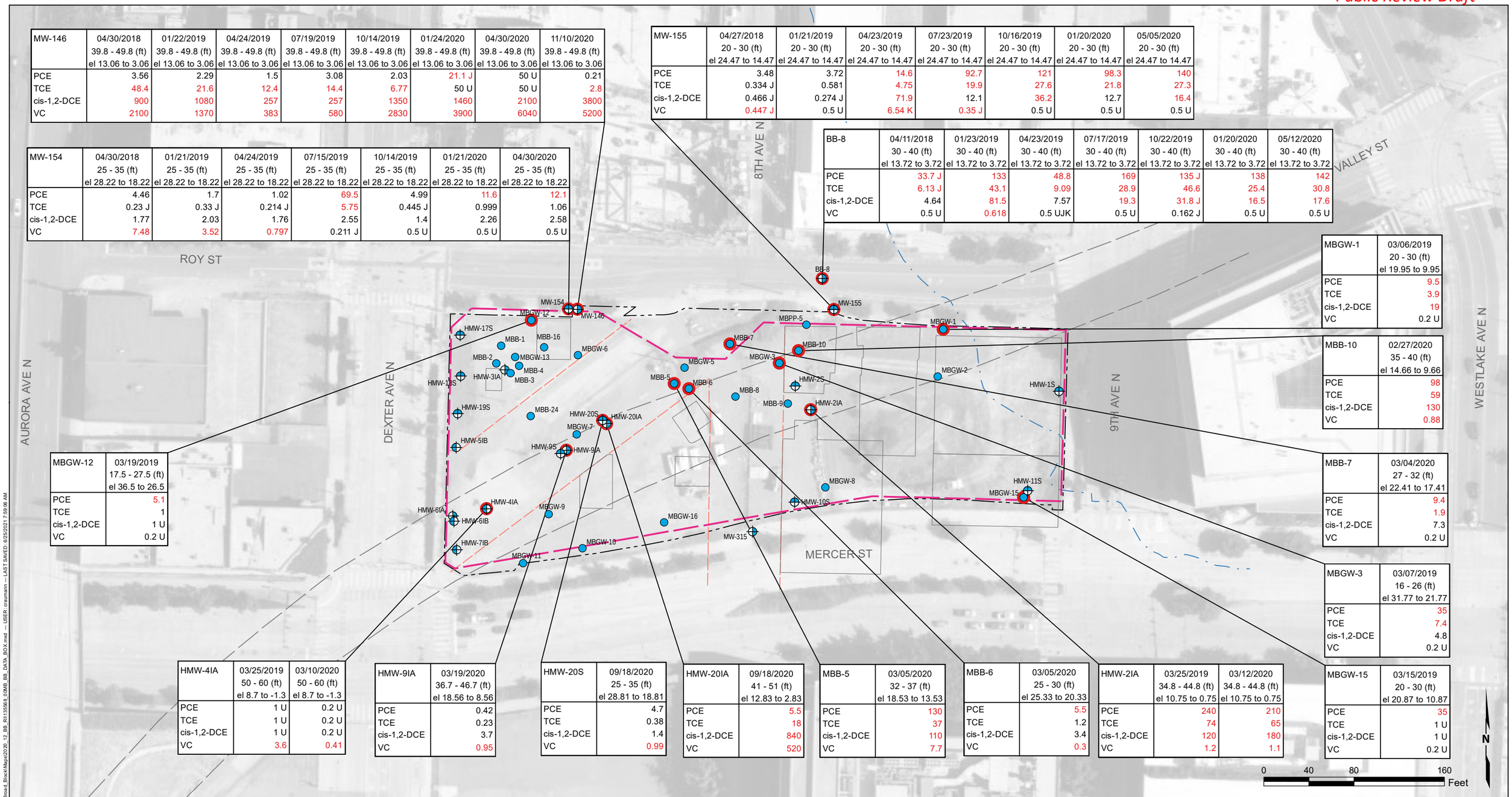
HMW-20S	09/18/2020 25 - 35 (ft) el 28.81 to 18.81
PCE	4.7
TCE	0.38
cis-1,2-DCE	1.4
VC	0.99

HMW-20IA	09/18/2020 41 - 51 (ft) el 12.83 to 2.83
PCE	5.5
TCE	18
cis-1,2-DCE	840
VC	520

MBB-5	03/05/2020 32 - 37 (ft) el 18.53 to 13.53
PCE	130
TCE	37
cis-1,2-DCE	110
VC	7.7

MBB-6	03/05/2020 25 - 30 (ft) el 25.33 to 20.33
PCE	5.5
TCE	1.2
cis-1,2-DCE	3.4
VC	0.3

HMW-2IA	03/25/2019 34.8 - 44.8 (ft) el 10.75 to 0.75	03/12/2020 34.8 - 44.8 (ft) el 10.75 to 0.75
PCE	240	210
TCE	74	65
cis-1,2-DCE	120	180
VC	1.2	1.1



- SHALLOW ZONE MONITORING WELL
- INTERMEDIATE A ZONE MONITORING WELL
- INTERMEDIATE B ZONE MONITORING WELL
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- GROUNDWATER SAMPLING LOCATION WITH EXCEEDANCE

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER OR PROTECTIVE OF INDOOR AIR SCREENING LEVELS

DATA SHOWN IS FROM 2018-2020; CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88)

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
- = ANALYTE WAS NOT ANALYZED/NOT APPLICABLE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN
K = REPORTED RESULT WITH UNKNOWN BIAS

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR CVOCs IN GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Tetrachloroethene (PCE)	5	24
Trichloroethene (TCE)	4	1.4
cis-1,2-Dichloroethene (cis-1,2-DCE)	16	-
Vinyl chloride (VC)	0.29	0.35

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs Distribution in Groundwater, Above 8 ft Elevation

19409-04 06/21

HARTCROWSER
A division of Holey & Aldrich

Figure
7-3a

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Public Review Draft

MW-147	05/12/2018 70 - 80 (ft) el -17.51 to -27.51	01/22/2019 70 - 80 (ft) el -17.51 to -27.51	04/23/2019 70 - 80 (ft) el -17.51 to -27.51	07/18/2019 70 - 80 (ft) el -17.51 to -27.51	10/14/2019 70 - 80 (ft) el -17.51 to -27.51	01/24/2020 70 - 80 (ft) el -17.51 to -27.51	04/29/2020 70 - 80 (ft) el -17.51 to -27.51	11/10/2020 70 - 80 (ft) el -17.51 to -27.51
PCE	19.8	98.2	0.5 U	0.5 U	0.5 U	12.5 U	12.5 U	0.2 U
TCE	83.4	179	5.13	4.79	3.38	4.63 J	5.1 J	4.9
cis-1,2-DCE	399	1230	322	219	597	1100	2410	3500 J
VC	1150	738	499	446	1410	1340	3470	7400 J

MW-153	05/01/2018 120 - 130 (ft) el -65.16 to -75.16	01/22/2019 120 - 130 (ft) el -65.16 to -75.16	04/24/2019 120 - 130 (ft) el -65.16 to -75.16	07/22/2019 120 - 130 (ft) el -65.16 to -75.16	10/15/2019 120 - 130 (ft) el -65.16 to -75.16	01/21/2020 120 - 130 (ft) el -65.16 to -75.16	04/30/2020 120 - 130 (ft) el -65.16 to -75.16
PCE	0.756	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TCE	0.5 U	0.5 U	0.5 U	0.19 J	0.5 U	0.5 U	0.5 U
cis-1,2-DCE	0.612	1.41	1.07	0.384 J	0.5 U	0.5 U	0.5 U
VC	9.56	15.9	2.69	0.235 J	0.5 U	0.5 U	0.5 U

HMW-16IB	09/18/2020 55 - 65 (ft) el 2.02 to -7.98
PCE	0.2 U
TCE	0.2 U
cis-1,2-DCE	3.3
VC	15

HMW-9D	03/17/2020 79.7 - 89.7 (ft) el -24.38 to -34.38
PCE	0.81/0.89
TCE	0.2 U/0.2 U
cis-1,2-DCE	4.1/5.1
VC	0.81/0.97

HMW-9IB	03/19/2020 57 - 67 (ft) el -1.64 to -11.64
PCE	660
TCE	420
cis-1,2-DCE	9100
VC	1900

MW-148	05/01/2018 70 - 80 (ft) el -25.71 to -35.71	01/23/2019 70 - 80 (ft) el -25.71 to -35.71	04/26/2019 70 - 80 (ft) el -25.71 to -35.71	07/22/2019 70 - 80 (ft) el -25.71 to -35.71	10/16/2019 70 - 80 (ft) el -25.71 to -35.71	01/20/2020 70 - 80 (ft) el -25.71 to -35.71	04/30/2020 70 - 80 (ft) el -25.71 to -35.71
PCE	0.5 U/0.5 U	1.24	0.5 U	0.415 J	0.5 U	0.5 U	0.5 U
TCE	0.5 U/0.5 U	0.347 J	0.5 U	0.5 U	0.5 U	0.163 J	0.5 U
cis-1,2-DCE	0.5 UJ/0.216	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VC	0.5 U/0.5 U	0.5 U	0.277 J	0.253 J	0.463 J	0.305 J	0.5 U

FMW-129	05/01/2019 84.2 - 89.2 (ft) el -45.56 to -50.56	07/16/2019 84.2 - 89.2 (ft) el -45.56 to -50.56	10/21/2019 84.2 - 89.2 (ft) el -45.56 to -50.56	11/12/2019 84.2 - 89.2 (ft) el -45.56 to -50.56	01/14/2020 84.2 - 89.2 (ft) el -45.56 to -50.56	02/18/2020 84.2 - 89.2 (ft) el -45.56 to -50.56	03/25/2020 84.2 - 89.2 (ft) el -45.56 to -50.56	04/27/2020 84.2 - 89.2 (ft) el -45.56 to -50.56	05/06/2020 84.2 - 89.2 (ft) el -45.56 to -50.56	05/19/2020 84.2 - 89.2 (ft) el -45.56 to -50.56
PCE	101	159	114	79	130	110	88	74	34.6	18
TCE	166	84.1	198	130	170	170	140	88	61.9	42
cis-1,2-DCE	372	272	350	340	385	310	290	190	157	120
VC	2.5 U	0.296 J	0.259 J	2 U	2 U	2 U	2.6	1 U	14.2	6.5

MW-105	04/11/2018 130 - 140 (ft) el -84.41 to -94.41	01/23/2019 130 - 140 (ft) el -84.41 to -94.41	04/23/2019 130 - 140 (ft) el -84.41 to -94.41	07/17/2019 130 - 140 (ft) el -84.41 to -94.41	10/22/2019 130 - 140 (ft) el -84.41 to -94.41	01/20/2020 130 - 140 (ft) el -84.41 to -94.41	05/12/2020 130 - 140 (ft) el -84.41 to -94.41
PCE	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.208 J	0.5 U
TCE	0.5 U	0.317 J	0.5 U	0.5 U	0.5 U	0.348 J	1.02
cis-1,2-DCE	1.67	1.51	0.917	0.891	0.945	1.38	0.805
VC	0.205 J	0.392 J	0.238 J	0.265 J	0.214 J	0.568	0.5 U

HMW-12D	09/10/2020 82 - 92 (ft) el -48.48 to -58.48
PCE	0.2 U
TCE	0.2 U
cis-1,2-DCE	200 J
VC	3.9

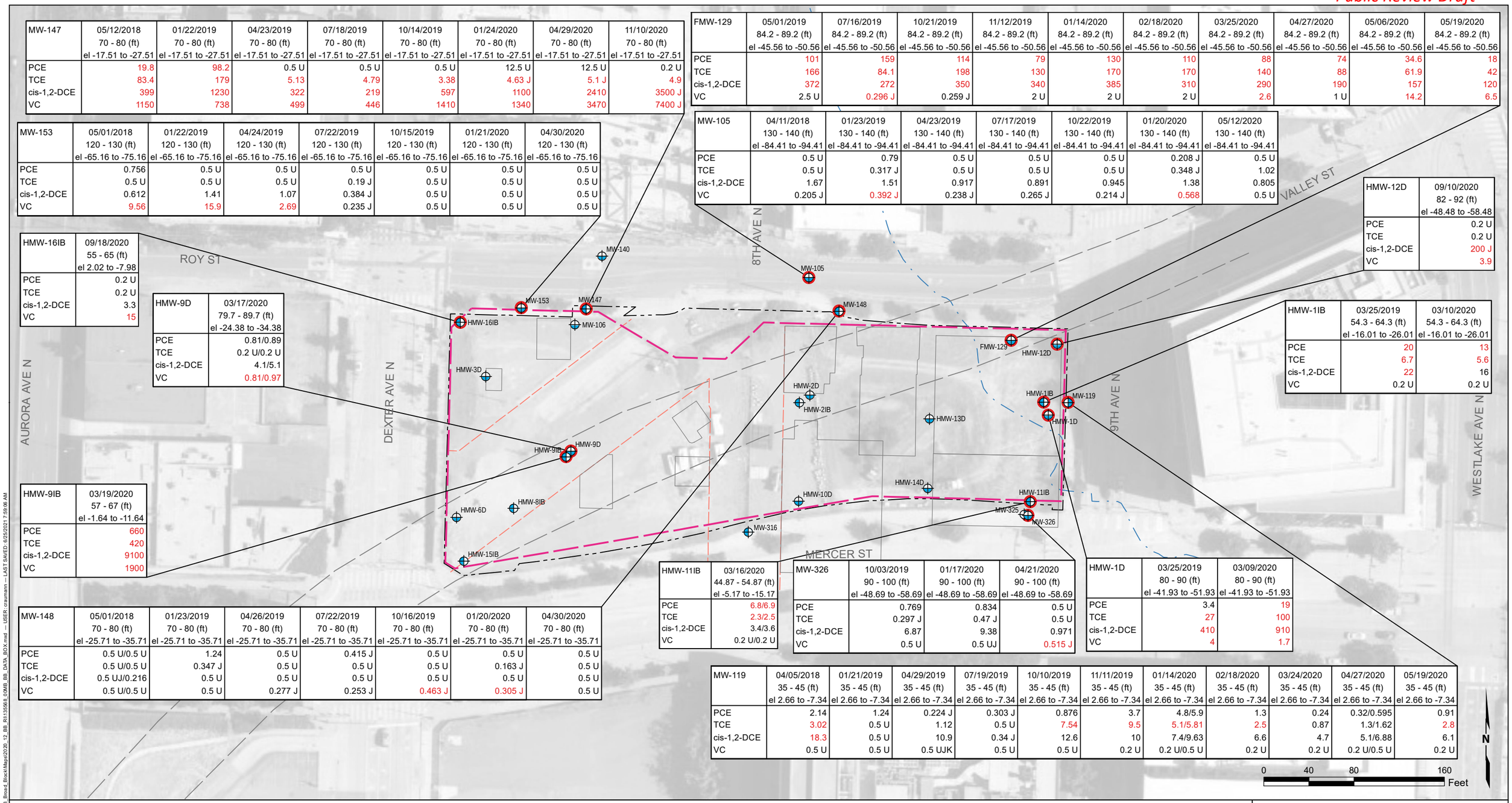
HMW-1IB	03/25/2019 54.3 - 64.3 (ft) el -16.01 to -26.01	03/10/2020 54.3 - 64.3 (ft) el -16.01 to -26.01
PCE	20	13
TCE	6.7	5.6
cis-1,2-DCE	22	16
VC	0.2 U	0.2 U

HMW-11IB	03/16/2020 44.87 - 54.87 (ft) el -5.17 to -15.17
PCE	6.8/6.9
TCE	2.3/2.5
cis-1,2-DCE	3.4/3.6
VC	0.2 U/0.2 U

MW-326	10/03/2019 90 - 100 (ft) el -48.69 to -58.69	01/17/2020 90 - 100 (ft) el -48.69 to -58.69	04/21/2020 90 - 100 (ft) el -48.69 to -58.69
PCE	0.769	0.834	0.5 U
TCE	0.297 J	0.47 J	0.5 U
cis-1,2-DCE	6.87	9.38	0.971
VC	0.5 U	0.5 UJ	0.515 J

HMW-1D	03/25/2019 80 - 90 (ft) el -41.93 to -51.93	03/09/2020 80 - 90 (ft) el -41.93 to -51.93
PCE	3.4	19
TCE	27	100
cis-1,2-DCE	410	910
VC	4	1.7

MW-119	04/05/2018 35 - 45 (ft) el 2.66 to -7.34	01/21/2019 35 - 45 (ft) el 2.66 to -7.34	04/29/2019 35 - 45 (ft) el 2.66 to -7.34	07/19/2019 35 - 45 (ft) el 2.66 to -7.34	10/10/2019 35 - 45 (ft) el 2.66 to -7.34	11/11/2019 35 - 45 (ft) el 2.66 to -7.34	01/14/2020 35 - 45 (ft) el 2.66 to -7.34	02/18/2020 35 - 45 (ft) el 2.66 to -7.34	03/24/2020 35 - 45 (ft) el 2.66 to -7.34	04/27/2020 35 - 45 (ft) el 2.66 to -7.34	05/19/2020 35 - 45 (ft) el 2.66 to -7.34
PCE	2.14	1.24	0.224 J	0.303 J	0.876	3.7	4.8/5.9	1.3	0.24	0.32/0.595	0.91
TCE	3.02	0.5 U	1.12	0.5 U	7.54	9.5	5.1/5.81	2.5	0.87	1.3/1.62	2.8
cis-1,2-DCE	18.3	0.5 U	10.9	0.34 J	12.6	10	7.4/9.63	6.6	4.7	5.1/6.88	6.1
VC	0.5 U	0.5 U	0.5 UJK	0.5 U	0.5 U	0.2 U	0.2 U/0.5 U	0.2 U	0.2 U	0.2 U/0.5 U	0.2 U



- INTERMEDIATE A ZONE MONITORING WELL
- INTERMEDIATE B ZONE MONITORING WELL
- DEEP ZONE MONITORING WELL
- GROUNDWATER SAMPLING LOCATION WITH EXCEEDANCE
- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER OR PROTECTIVE OF INDOOR AIR SCREENING LEVELS

DATA SHOWN IS FROM 2018-2020; CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88)

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
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AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR CVOCs IN GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Tetrachloroethene (PCE)	5	24
Trichloroethene (TCE)	4	1.4
cis-1,2-Dichloroethene (cis-1,2-DCE)	16	-
Vinyl chloride (VC)	0.29	0.35

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs Distribution in Groundwater, Below 8 ft Elevation

19409-04 06/21

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Figure **7-3b**

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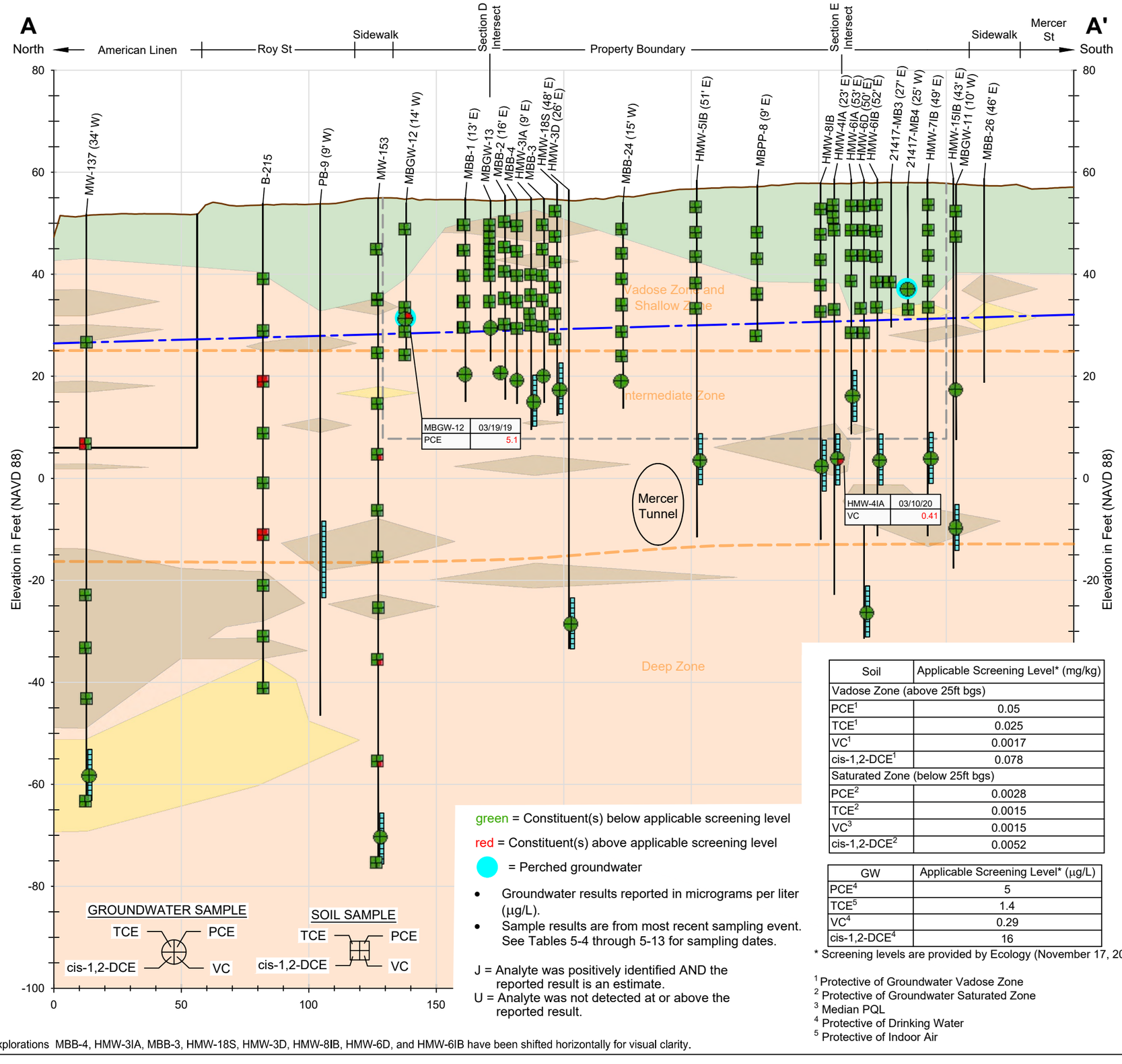
File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadA-ChemPlot_CVOCs Date: 06-25-2021 Author: mschweltzer



green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

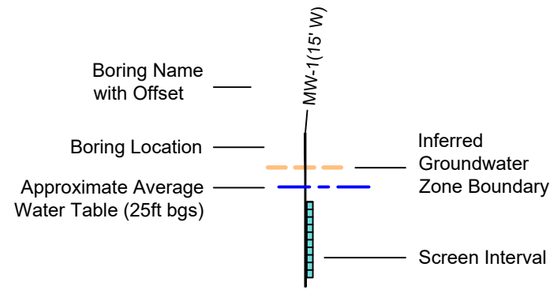
= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Explorations MBB-4, HMW-3IA, MBB-3, HMW-18S, HMW-3D, HMW-8IB, HMW-6D, and HMW-6IB have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air

INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

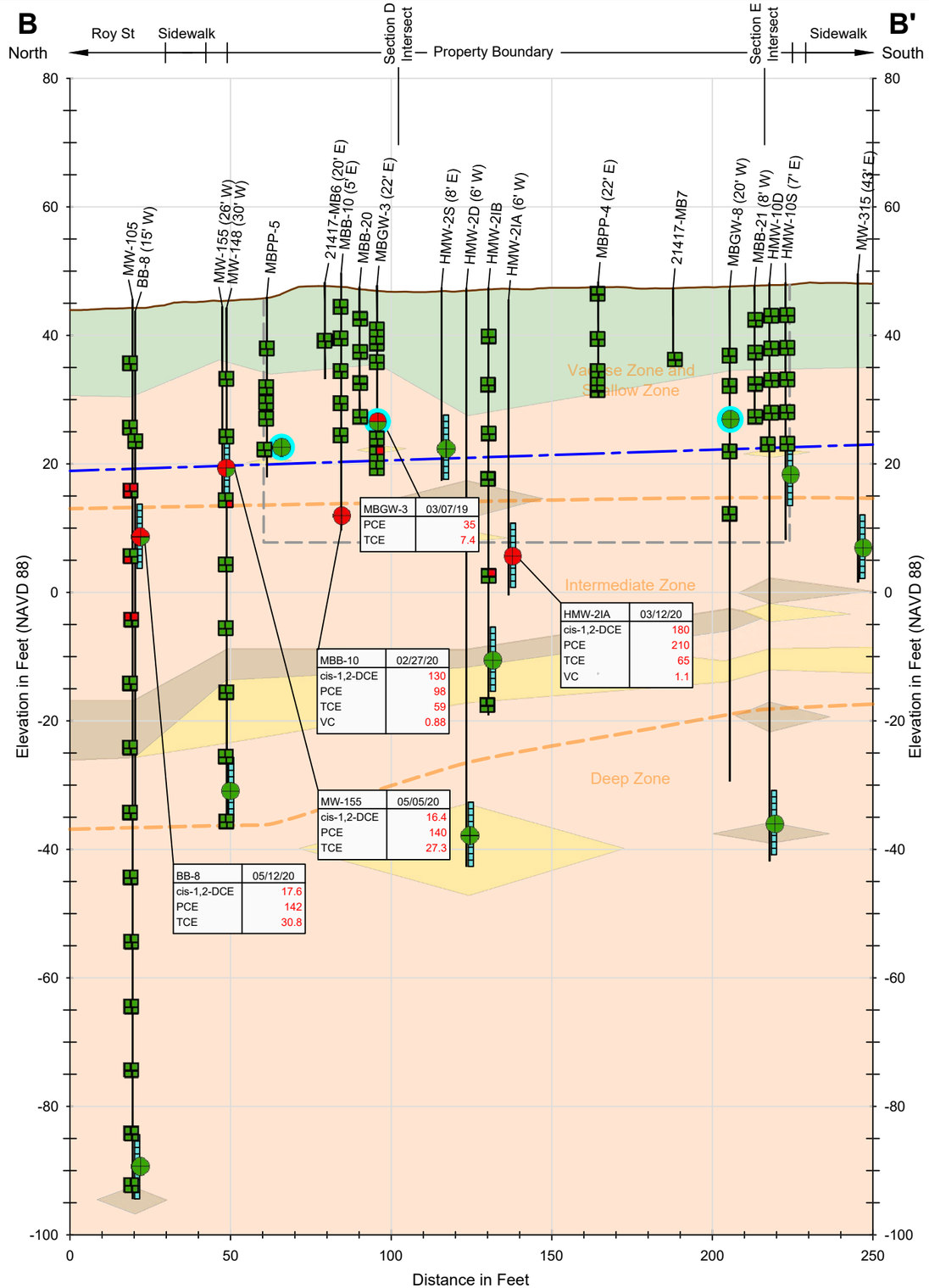
CVOCs, Cross Section A-A'

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

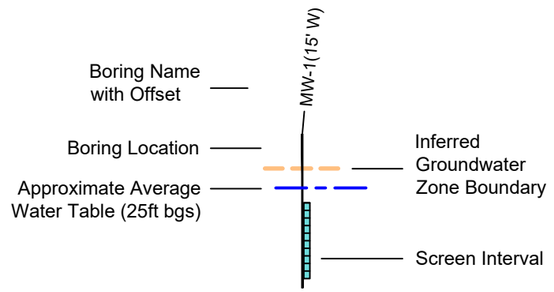
Figure
7-4a

Public Review Draft



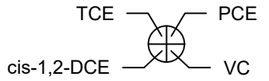
Explorations 21417-MB6 and HMW-10S have been shifted horizontally for visual clarity.

Legend

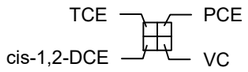


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

GROUNDWATER SAMPLE



SOIL SAMPLE



green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

= Perched groundwater

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air

INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs, Cross Section B-B'

19409-04 06/21

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Figure **7-4b**

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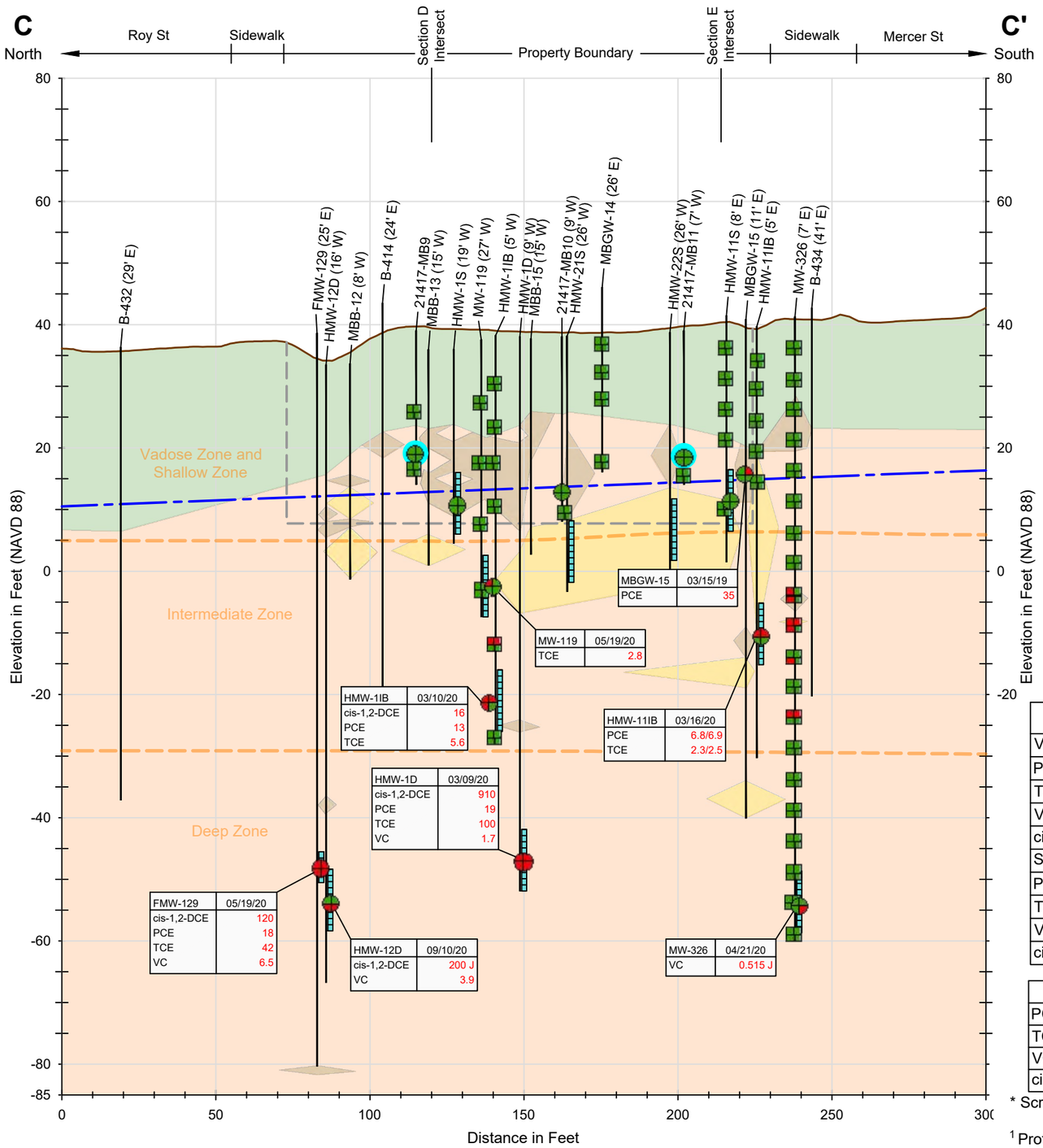
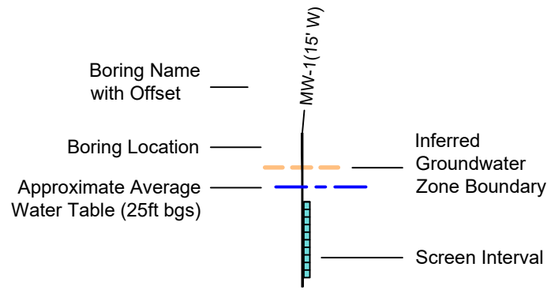
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadC-ChemPlot_CVOCs Date: 06-25-2021 Author: mschweltzer



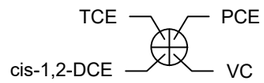
Explorations MW-119 and HMW-1IB have been shifted horizontally for visual clarity.

Legend

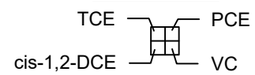


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

GROUNDWATER SAMPLE



SOIL SAMPLE



green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Geologic Units (Predominant Component)

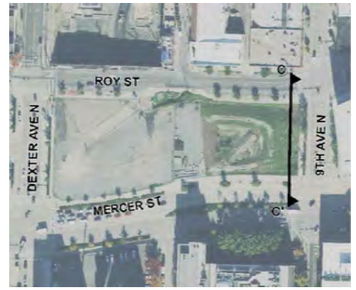
- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs, Cross Section C-C'

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-4c

Public Review Draft

D — Sidewalk — West Dexter Ave — Section A Intersect — Section B Intersect — Property Boundary — Section B Intersect — Historic Broad Street Extents — Section C Intersect — Sidewalk — 9th Ave N East — D'

Elevation in Feet (NAVD 88)

Distance in Feet

Vadose Zone and Shallow Zone

Intermediate Zone

Deep Zone

Mercer Tunnel

Lake Union Tunnel

MBB-5	03/05/20
cis-1,2-DCE	110
PCE	130
TCE	37
VC	7.7

MBB-6	03/05/20
PCE	5.5
VC	0.3

MBB-7	03/04/20
PCE	9.4
TCE	1.9

MBGW-3	03/07/19
PCE	35
TCE	7.4

MBB-10	02/27/20
cis-1,2-DCE	130
PCE	98
TCE	59
VC	0.88

HMW-1IB	03/10/20
PCE	13
TCE	5.6

MW-119	05/19/20
TCE	2.8

HMW-1D	03/09/20
cis-1,2-DCE	910
PCE	19
TCE	100
VC	1.7

Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air

Legend

Boring Name with Offset — MW-1(15' W)
Boring Location
Approximate Average Water Table (25ft bgs)
Inferred Groundwater Zone Boundary
Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

Explorations MBB-1, MBB-2, MBB-4, and MBGW-13 have been shifted horizontally for visual clarity.

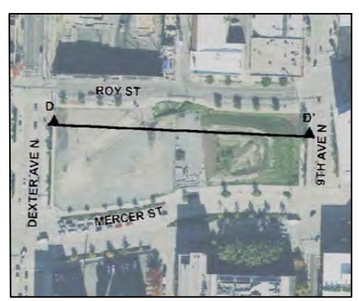
GROUNDWATER SAMPLE

TCE — PCE
cis-1,2-DCE — VC

SOIL SAMPLE

TCE — PCE
cis-1,2-DCE — VC

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.



INSET MAP

Horizontal Scale in Feet
0 40 80
Vertical Scale in Feet
0 20 40
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs, Cross Section D-D'

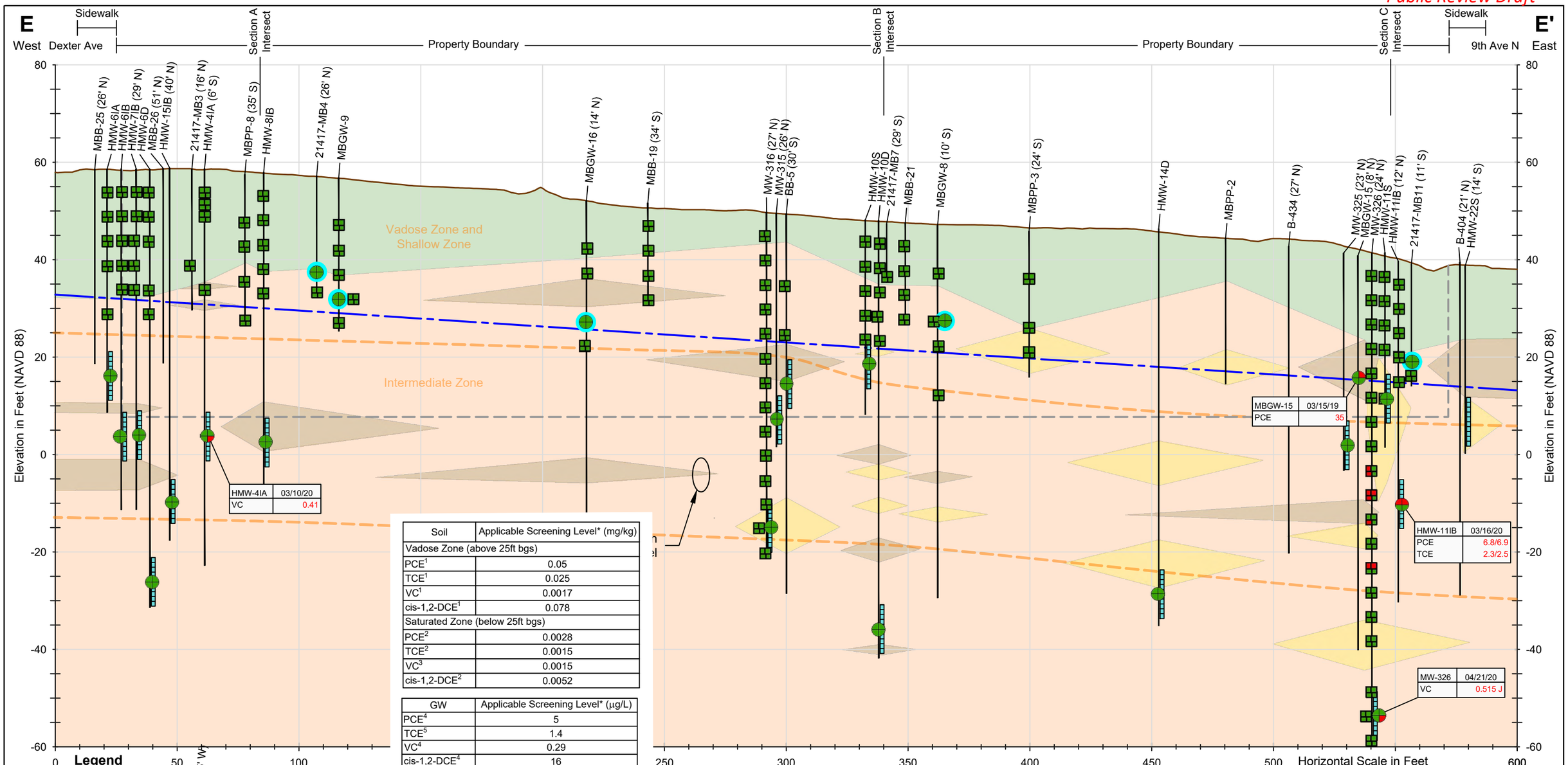
19409-04 06/21

HARTCROWSER — A Division of Haley & Aldrich

Figure **7-4d**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\Sections\CAD1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadD-ChemPlot_CVOCs Date: 06-25-2021 Author: mschweltzer

Public Review Draft



Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

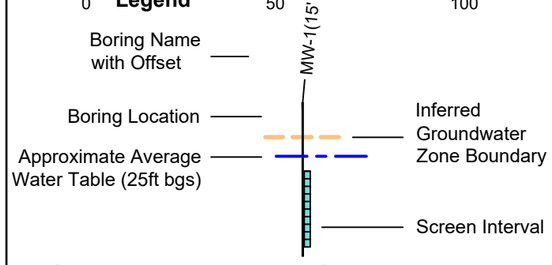
= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Explorations HMW-6IA, HMW-6IB, HMW-6D, MBB-26, HMW-15IB, HMW-10S, HMW-11IB, HMW-11S, MBGW-15, and MW-325 have been shifted horizontally for visual clarity.

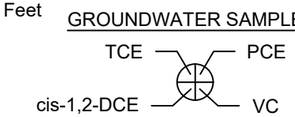
Legend



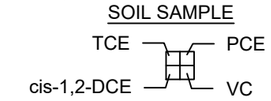
Geologic Units (Predominant Component)

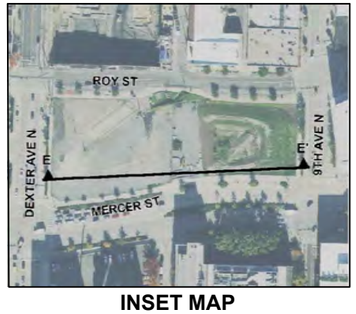
- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

GROUNDWATER SAMPLE



SOIL SAMPLE





INSET MAP

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs, Cross Section E-E'

19409-04 06/21

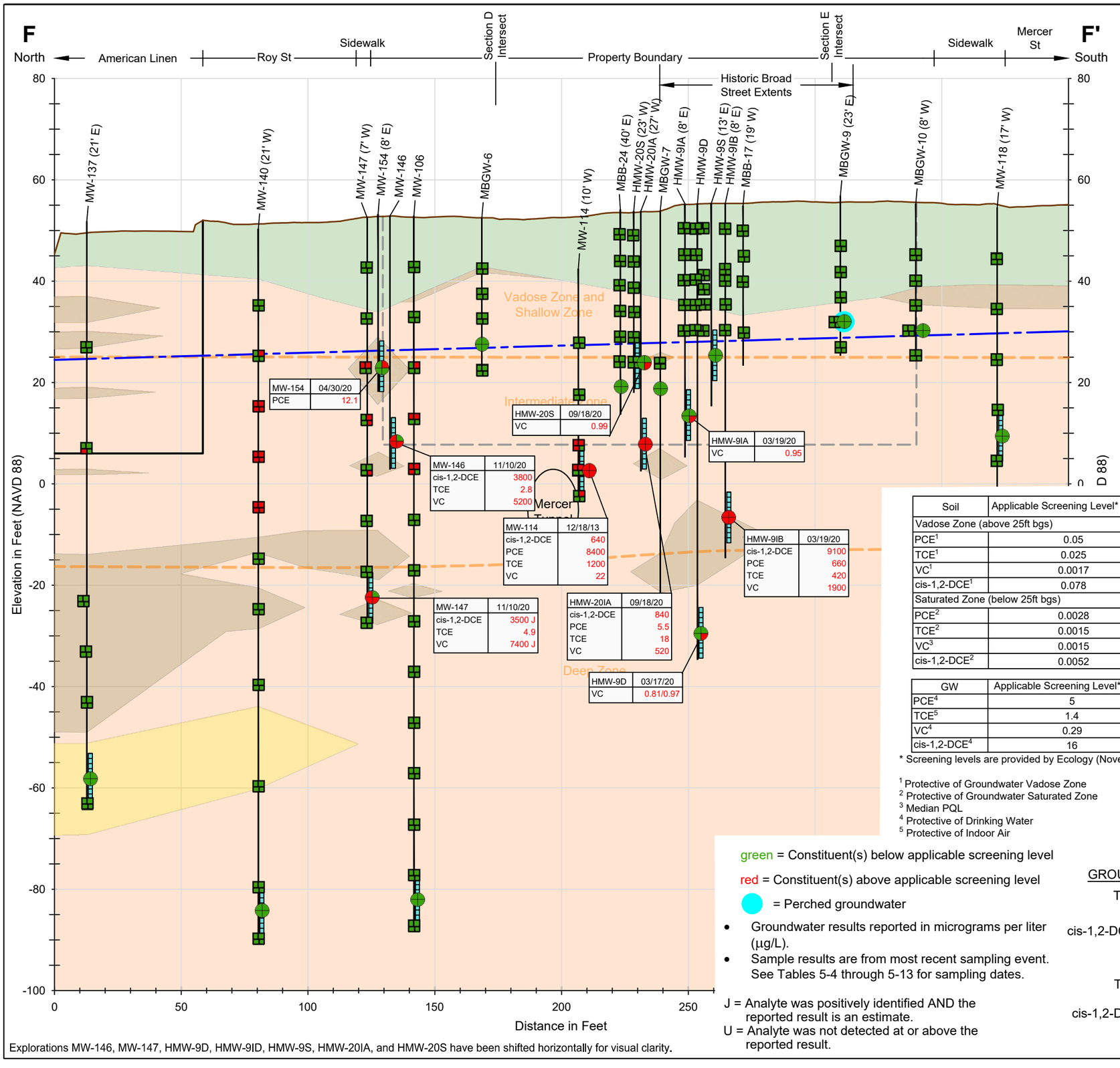
HARTCROWSER
A division of Haley & Aldrich

Figure
7-4e

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadE-ChemPlot_CVOCs Date: 06-25-2021 Author: mschweitzer

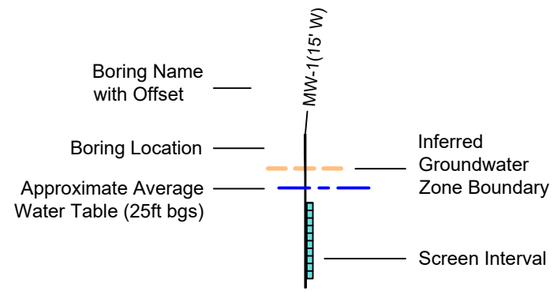
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadF-ChemPlot_CVOCs Date: 06-25-2021 Author: mschweitzer



Explorations MW-146, MW-147, HMW-9D, HMW-9ID, HMW-9S, HMW-20IA, and HMW-20S have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Soil	Applicable Screening Level* (mg/kg)
Vadose Zone (above 25ft bgs)	
PCE[1]	0.05
TCE[1]	0.025
VC[1]	0.0017
cis-1,2-DCE[1]	0.078
Saturated Zone (below 25ft bgs)	
PCE[2]	0.0028
TCE[2]	0.0015
VC[3]	0.0015
cis-1,2-DCE[2]	0.0052

GW	Applicable Screening Level* (µg/L)
PCE[4]	5
TCE[5]	1.4
VC[4]	0.29
cis-1,2-DCE[4]	16

* Screening levels are provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Vadose Zone
[2] Protective of Groundwater Saturated Zone
[3] Median PQL
[4] Protective of Drinking Water
[5] Protective of Indoor Air

green = Constituent(s) below applicable screening level

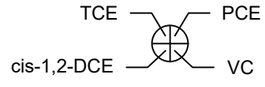
red = Constituent(s) above applicable screening level

= Perched groundwater

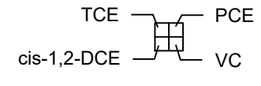
- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

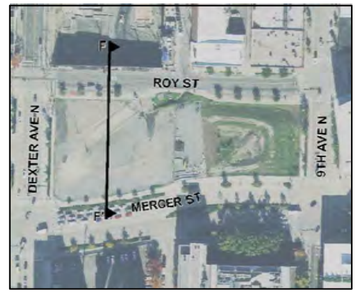
J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

GROUNDWATER SAMPLE



SOIL SAMPLE





INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

CVOCs, Cross Section F-F'

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-4f

Public Review Draft

MBB-1	02/27/2020 5 ft el 50.02	02/27/2020 10 ft el 45.02	02/27/2020 15 ft el 40.02	02/27/2020 20 ft el 35.02	02/27/2020 25 ft el 30.02
GRO	5 U	5 U	7.7	570	5 U

MBGW-13	03/14/2019 5 ft el 49.47	03/14/2019 10 ft el 44.47	03/14/2019 15 ft el 39.47	03/14/2019 20 ft el 34.47
GRO	5 U	730 J	16	5 U

MBB-16	09/02/2020 5 ft el 48.7	09/02/2020 10 ft el 43.7	09/02/2020 15 ft el 38.7	09/02/2020 20 ft el 33.7
GRO	1200	200	20	5 U

HMW-18S	09/03/2020 5 ft el 52.61	09/03/2020 10 ft el 47.61	09/03/2020 15 ft el 42.61	09/03/2020 20 ft el 37.61	09/03/2020 25 ft el 32.61
GRO	5 U	45	5 U	5 U	5 U

MBB-3	02/27/2020 5 ft el 49.84	02/27/2020 10 ft el 44.84	02/27/2020 15 ft el 39.84	02/27/2020 20 ft el 34.84	02/27/2020 25 ft el 29.84
GRO	5 U	350	5 U	5 U	52

MBB-4	02/27/2020 5 ft el 49.61	02/27/2020 10 ft el 44.61	02/27/2020 15 ft el 39.61	02/27/2020 20 ft el 34.61	02/27/2020 25 ft el 29.61
GRO	5 U	5 U/7.3	5 U	210	5 U

GRO IN SOIL (mg/kg)
- ≥ 300
- ≥ 60 TO 300
- ≥ 30 TO 60
- ND/0 TO < 30
- NO DATA

SAMPLE DEPTH INTERVALS
- ≤ 5 FT BELOW GROUND SURFACE (BGS)
- 5 TO 10
- 10 TO 15
- 15 TO 20
- 20 TO 25
- > 25

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

SOME SAMPLING LOCATIONS MAY HAVE BEEN SLIGHTLY OFFSET ON THIS MAP TO REDUCE SYMBOL OVERLAP

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF GROUNDWATER SCREENING LEVELS

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88); EL. = GROUND SURFACE ELEVATION

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR GASOLINE RANGE ORGANICS (GRO) IN SOIL (mg/kg)	
ZONE	PROTECTIVE OF GW
Vadose (0 to 25 ft bgs) and Saturated (>25 ft bgs)	30

Seattle DOT Mercer Parcels Site
Seattle, Washington

GRO Distribution in Soil

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-5a**

GIS FILE PATH: C:\Users\crawmann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2020_12_BB_R#\135568_0\MB_BB_SOIL_SMARTIES_R.mxd - USER: crawmann - LAST SAVED: 6/22/2021 3:24:13 PM

Public Review Draft

MBB-25	10/30/2020 5 ft el 53.63	10/30/2020 10 ft el 48.63	10/30/2020 15 ft el 43.63	10/30/2020 20 ft el 38.63	10/30/2020 25 ft el 33.63
cPAHs-TEQ	0.002 U	0.09	0.002 U	0.00041 U/0.00041 U	0.32

HMW-4IA	03/07/2019 7.5 ft el 51.2
cPAHs-TEQ	0.36

MBB-23	09/21/2020 5 ft el 42.18	09/21/2020 10 ft el 37.18	09/21/2020 15 ft el 32.18	09/21/2020 20 ft el 27.18	09/21/2020 25 ft el 22.18
cPAHs-TEQ	0.0097 U	2.4	0.0019 U	0.0019 U	0.0019 U

MBB-22	09/21/2020 5 ft el 37.05	09/21/2020 15 ft el 27.05	09/21/2020 20 ft el 22.05	09/21/2020 25 ft el 17.05
cPAHs-TEQ	0.42	0.0019 U	0.0019 U	0.0019 U

HMW-7IB	02/28/2020 5 ft el 53.69	02/28/2020 10 ft el 48.69	02/28/2020 15 ft el 43.69	02/28/2020 20 ft el 38.69	02/28/2020 25 ft el 33.69
cPAHs-TEQ	0.089	0.017	0.44	0.016	0.072

DEXTER AVE N
8TH AVE N
ROY ST
MERCER ST

HMW-17S EL 57.7
HMW-18S EL 57.5
HMW-19S EL 58.4
HMW-5IB EL 58.4
HMW-6IA EL 58.6
HMW-6IB EL 58.7
HMW-6D EL 58.6
HMW-7IB EL 58.7
MBB-25 EL 58.6
MBB-26 EL 58.8
MBB-1 EL 55.0
MBB-2 EL 55.5
21417-MB2 EL 54.7
MBB-4 EL 54.6
MBB-3 EL 54.8
MBB-16 EL 53.7
MBB-24 EL 54.1
HMW-20S EL 53.6
MBB-17 EL 54.9
HMW-4IA EL 58.7
HMW-8IB EL 58.0
21417-MB3 EL 58.6
MBB-18 EL 51.3
MBB-19 EL 51.7
MBGW-3 EL 47.8
MBB-20 EL 47.5
MBB-21 EL 47.6
MBB-23 EL 47.2
MBB-22 EL 42.0
MBGW-1 EL 40.0
MBGW-2 EL 46.1
MBB-14 EL 47.1
MBB-15 EL 37.7

0 20 40 80 Feet
N

cPAHs-TEQ IN SOIL (mg/kg)
- ≥ 1.90
- ≥ 0.38 TO 1.90
- ≥ 0.19 - 0.38
- ND/0 TO < 0.19
- NO DATA

SAMPLE DEPTH INTERVALS
- ≤ 5 FT BELOW GROUND SURFACE (BGS)
- 5 TO 10
- 10 TO 15
- 15 TO 20
- 20 TO 25
- > 25

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

SOME SAMPLING LOCATIONS MAY HAVE BEEN SLIGHTLY OFFSET ON THIS MAP TO REDUCE SYMBOL OVERLAP

RED TEXT INDICATES EXCEEDANCE OF DIRECT CONTACT OR PROTECTIVE OF GROUNDWATER SCREENING LEVELS

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88); EL. = GROUND SURFACE ELEVATION

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR cPAHs-TEQ IN SOIL (mg/kg)		
ZONE	DIRECT CONTACT	PROTECTIVE OF GW
Vadose (0 to 25 ft bgs)	0.19	0.45
Saturated (>25 ft bgs)	0.19	0.022

Seattle DOT Mercer Parcels Site
Seattle, Washington

cPAH Distribution in Soil

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-5b**

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2020_12_BB_R\135568_0MB_BB_SOIL_SMARTIES_R1.mxd - USER: craumann - LAST SAVED: 6/25/2021 1:22:40 PM

Public Review Draft

HMW-6D	03/02/2020 5 ft el 53.58	03/02/2020 10 ft el 48.58	03/02/2020 15 ft el 43.58	03/02/2020 25 ft el 33.58	03/02/2020 30 ft el 28.58
As	16.4	21.8	24.4	18	1.61/1.42

HMW-6IB	03/03/2020 5 ft el 53.67	03/03/2020 10 ft el 48.67	03/03/2020 15 ft el 43.67	03/03/2020 20 ft el 38.67	03/03/2020 25 ft el 33.67
As	13.4	15.9/14.9	22.2	25.6	2.23

MBPP-8	03/08/2019 14 ft el 43.52
As	16

MBB-5	03/02/2020 5 ft el 45.53	03/02/2020 10 ft el 40.53	03/02/2020 15 ft el 35.53	03/02/2020 20 ft el 30.53	03/02/2020 25 ft el 25.53
As	23.2	6.56	1.81	1.34	1.51

MBB-18	09/01/2020 5 ft el 46.33	09/01/2020 10 ft el 41.33	09/01/2020 15 ft el 36.33	09/01/2020 20 ft el 31.33
As	14.2	6.2	1.13	1.61

MBB-6	03/03/2020 5 ft el 45.33	03/03/2020 10 ft el 40.33	03/03/2020 15 ft el 35.33	03/03/2020 20 ft el 30.33	03/03/2020 25 ft el 25.33
As	21.2	9.18	1.84	2.08	1.6

MBB-8	02/26/2020 7 ft el 42.66	02/26/2020 10 ft el 39.66	02/26/2020 15 ft el 34.66	02/26/2020 20 ft el 29.66	02/26/2020 25 ft el 24.66
As	21.9	1.75	1.7/1.6	1.6	1.13

MBB-9	02/26/2020 5.5 ft el 42.05	02/26/2020 10 ft el 37.55	02/26/2020 15 ft el 32.55	02/26/2020 20 ft el 27.55	02/26/2020 25 ft el 22.55
As	9.58	1.94	1.72	1.7	1.27

21417-MB10	05/11/2017 28 ft el 10.08
As	7.75

HMW-6IA	03/02/2020 5 ft el 53.65	03/02/2020 10 ft el 48.65	03/02/2020 15 ft el 43.65	03/02/2020 20 ft el 38.65	03/02/2020 30 ft el 28.65
As	15.6	13.6	18.6	18.3	3.1

HMW-7IB	02/28/2020 5 ft el 53.69	02/28/2020 10 ft el 48.69	02/28/2020 15 ft el 43.69	02/28/2020 20 ft el 38.69	02/28/2020 25 ft el 33.69
As	15.3	13.8	19.9	25.6	8.13/8.49

HMW-9IB	02/28/2020 5 ft el 50.36	02/28/2020 13 ft el 42.36	02/28/2020 15 ft el 40.36	02/28/2020 20 ft el 35.36	02/28/2020 25 ft el 30.36
As	7.75	1.64	17.8	1.6	1.26

HMW-8IB	03/02/2020 5 ft el 52.97	03/02/2020 10 ft el 47.97	03/02/2020 15 ft el 42.97	03/02/2020 20 ft el 37.97	03/02/2020 25 ft el 32.97
As	21.4	19.5	17.1	4.86	1.12/1.06

HMW-9D	02/27/2020 5 ft el 50.32	02/27/2020 10 ft el 45.32	02/27/2020 15 ft el 40.32	02/27/2020 20 ft el 35.32	02/27/2020 25 ft el 30.32
As	1.78	1.38	15.3	2.55	1.46

HMW-9S	03/02/2020 5 ft el 50.39	03/02/2020 14 ft el 41.39	03/02/2020 17 ft el 38.39	03/02/2020 20 ft el 35.39	03/02/2020 25 ft el 30.39
As	2.64	14.5	17.7	1.3	1.36

ARSENIC IN SOIL (mg/kg)

- ≥ 14.6 TO 73
- ≥ 7.3 TO 14.6
- ND/0 TO < 7.3
- NO DATA

SAMPLE DEPTH INTERVALS

- ≤ 5 FT BELOW GROUND SURFACE (BGS)
- 5 TO 10
- 10 TO 15
- 15 TO 20
- 20 TO 25
- > 25

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

SOME SAMPLING LOCATIONS MAY HAVE BEEN SLIGHTLY OFFSET ON THIS MAP TO REDUCE SYMBOL OVERLAP

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF GROUNDWATER SCREENING LEVELS ADJUSTED UP TO NATURAL BACKGROUND

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88); EL. = GROUND SURFACE ELEVATION

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR ARSENIC IN SOIL (mg/kg) All levels adjusted up to natural background	
ZONE	PROTECTIVE OF GW
Vadose (0 to 25 ft bgs) and Saturated (>25 ft bgs)	7.3

Seattle DOT Mercer Parcels Site
Seattle, Washington

Arsenic Distribution in Soil

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-5c**

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2020_12_BB_R\135568_0\MB_BB_SOIL_SMARTIES_R.mxd - USER: craumann - LAST SAVED: 6/28/2021 8:12:17 AM

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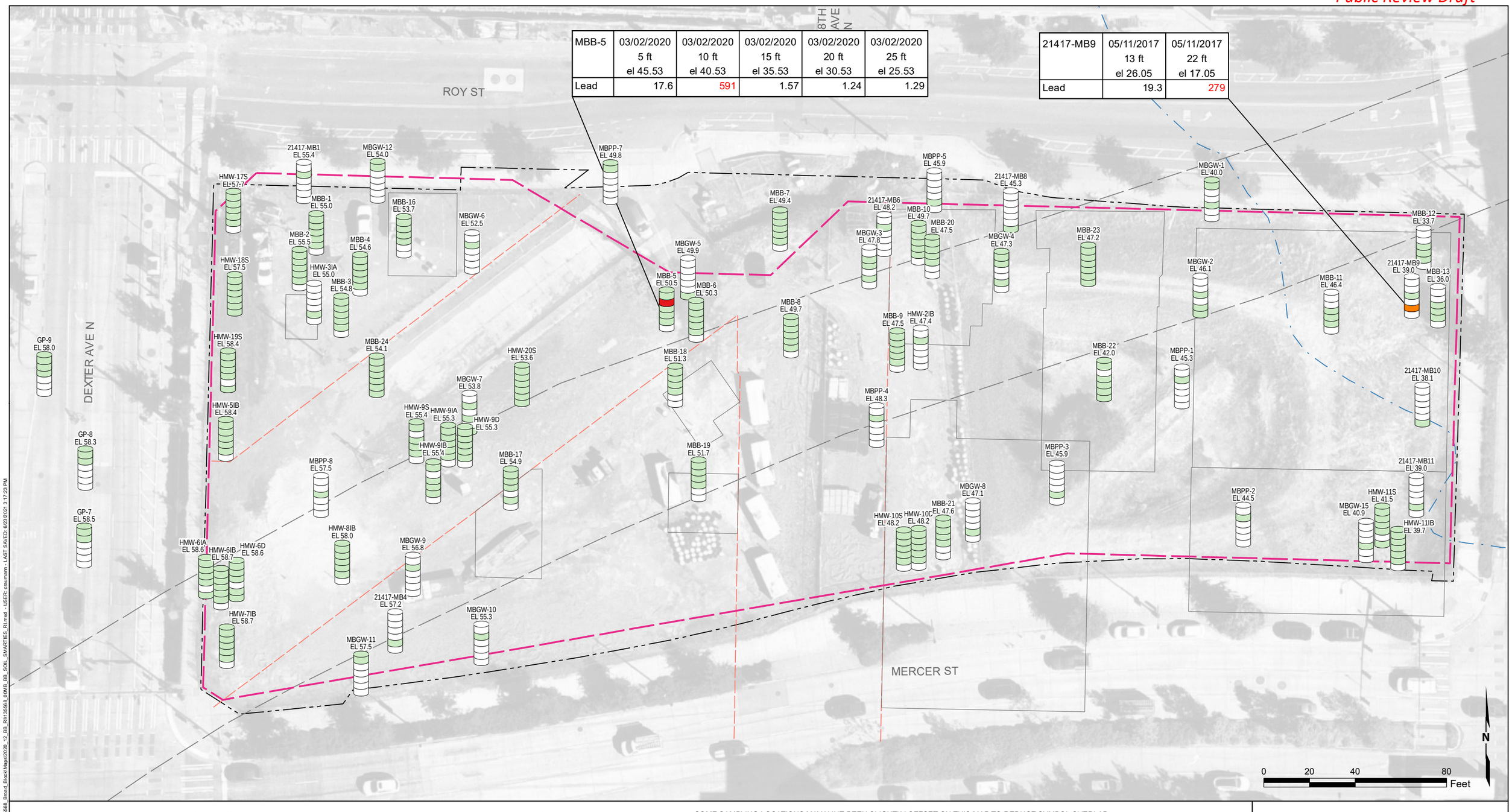
MBB-5	03/02/2020 5 ft el 45.53	03/02/2020 10 ft el 40.53	03/02/2020 15 ft el 35.53	03/02/2020 20 ft el 30.53	03/02/2020 25 ft el 25.53
Lead	17.6	591	1.57	1.24	1.29

21417-MB9	05/11/2017 13 ft el 26.05	05/11/2017 22 ft el 17.05
Lead	19.3	279



LEAD IN SOIL (mg/kg)

- ≥ 2,500
- ≥ 500 TO 2,500
- ≥ 250 TO 500
- ND/0 TO < 250
- NO DATA

SAMPLE DEPTH INTERVALS

- ≤ 5 FT BELOW GROUND SURFACE (BGS)
- 5 TO 10
- 10 TO 15
- 15 TO 20
- 20 TO 25
- > 25

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

SOME SAMPLING LOCATIONS MAY HAVE BEEN SLIGHTLY OFFSET ON THIS MAP TO REDUCE SYMBOL OVERLAP

RED TEXT INDICATES EXCEEDANCE OF DIRECT CONTACT OR PROTECTIVE OF GROUNDWATER SCREENING LEVELS

SCREENING LEVELS PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88); EL. = GROUND SURFACE ELEVATION

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR LEAD (mg/kg) IN SOIL		
ZONE	DIRECT CONTACT	PROTECTIVE OF GW
Vadose (0 to 25 ft bgs)	250	3000
Saturated (>25 ft bgs)	250	150

Seattle DOT Mercer Parcels Site
Seattle, Washington

Lead Distribution in Soil

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-5d**

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad Block\Maps\2020_12_BB_R\135568_004MB_BB_SOIL_SMARTIES_R1.mxd - USER: craumann - LAST SAVED: 6/23/2021 3:17:23 PM

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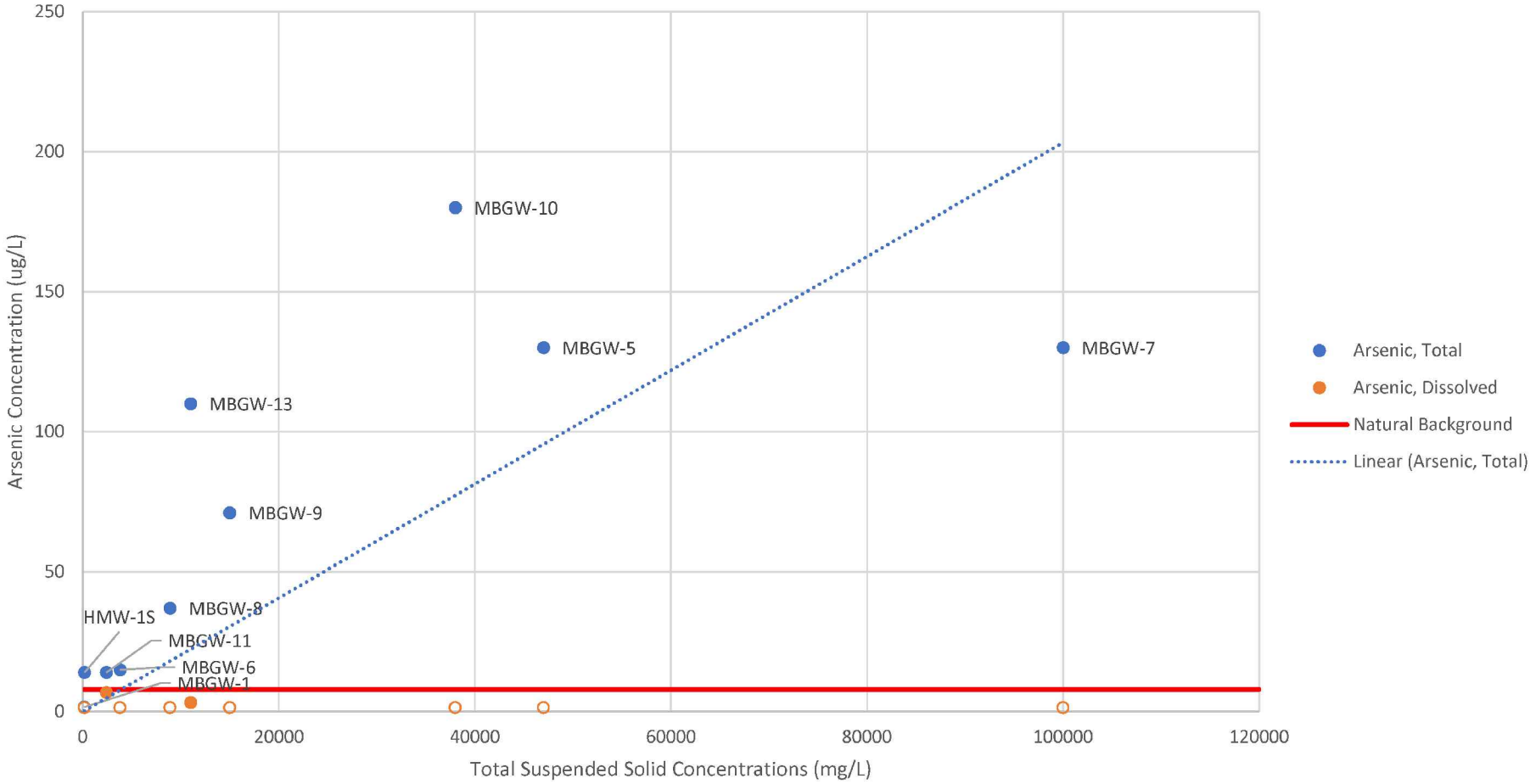
File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:A Date: 06-24-2021 Author: mschweitzer



NOTES:

1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Natural Background.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

ARSENIC CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

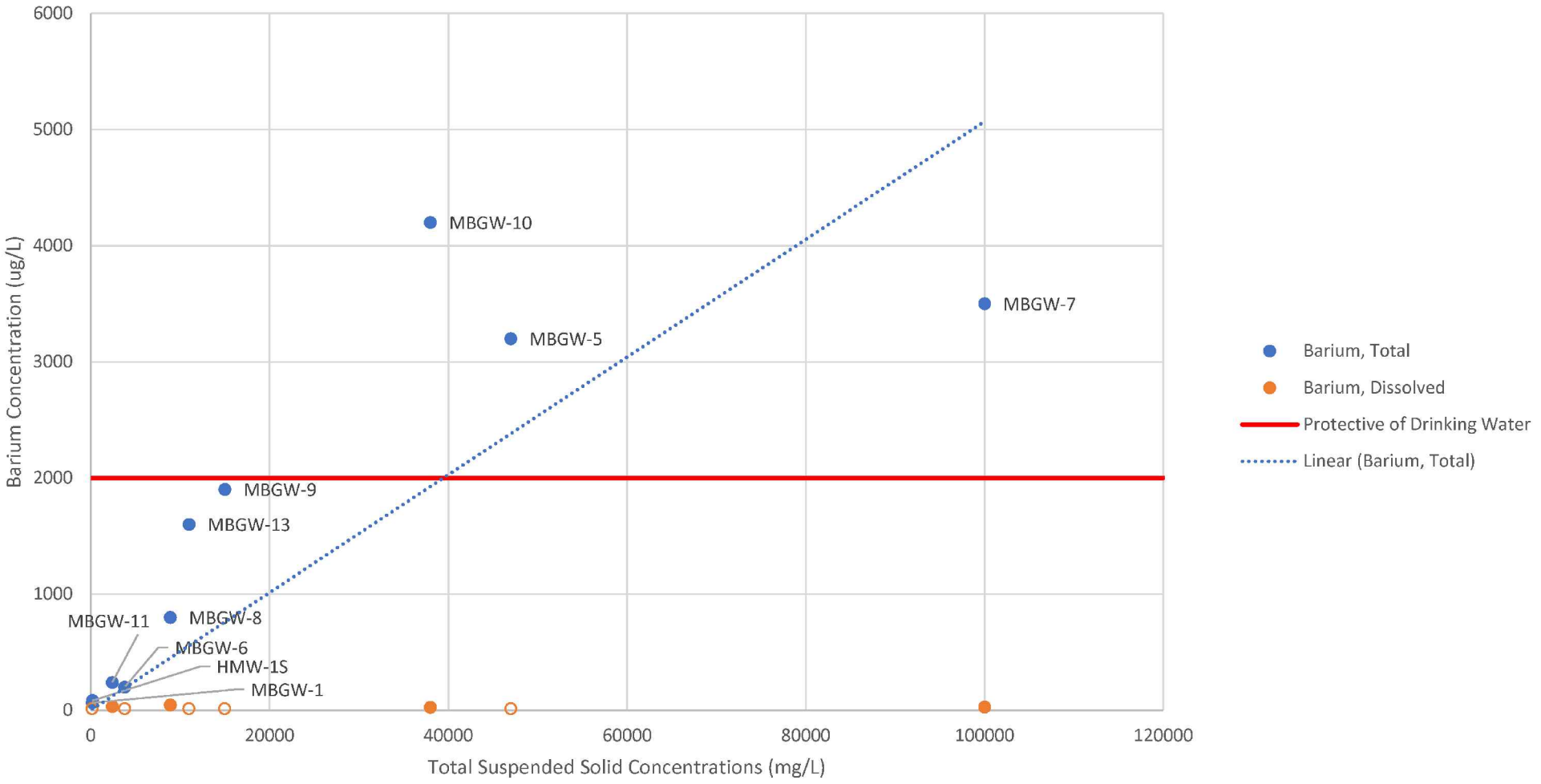
19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6a**

Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:B Date: 06-24-2021 Author: mschweitzer



NOTES:

1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Protective of Drinking Water.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

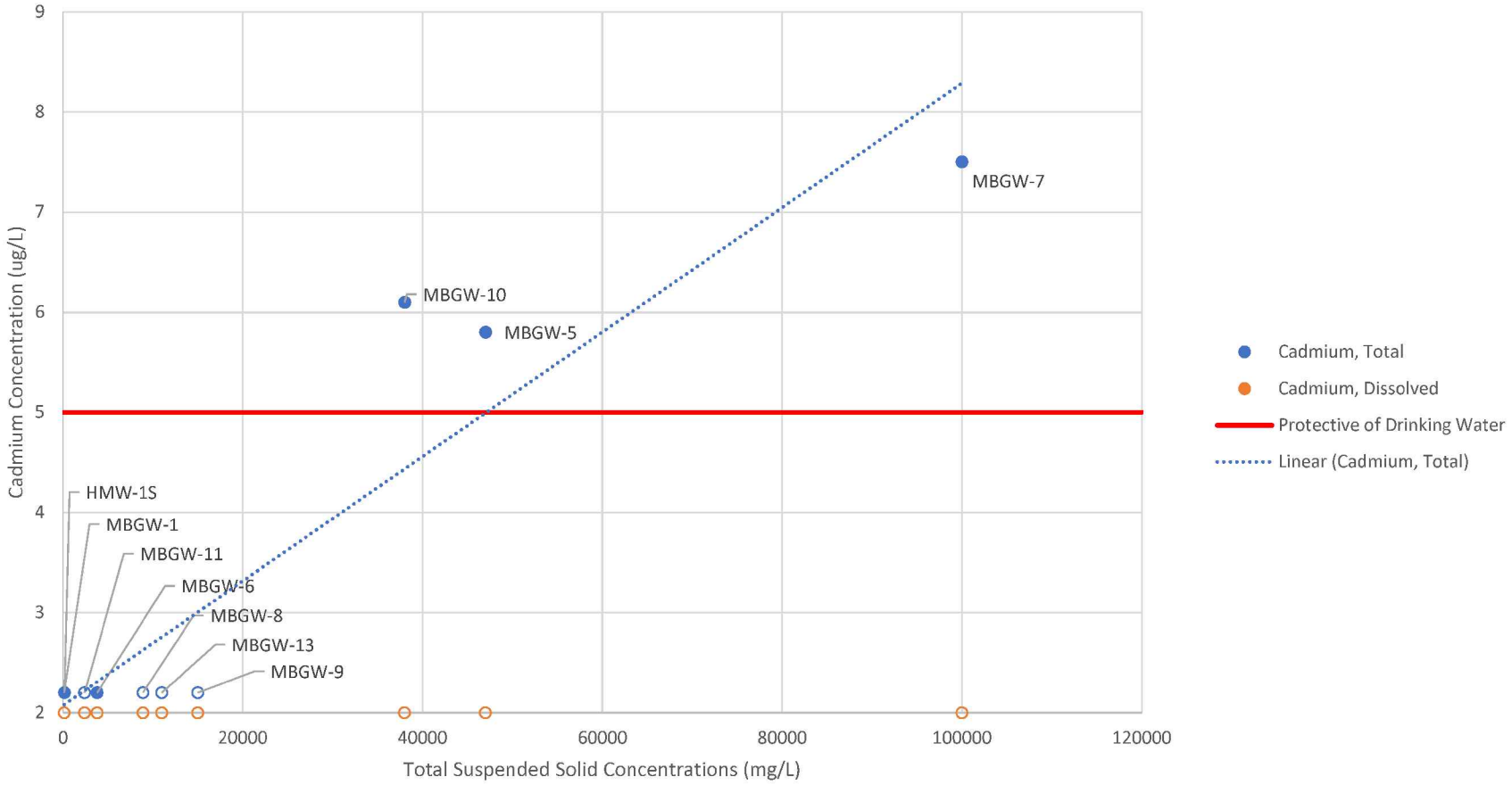
BARIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6b**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:C Date: 06-24-2021 Author: mschweitzer



NOTES:
1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Protective of Drinking Water.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

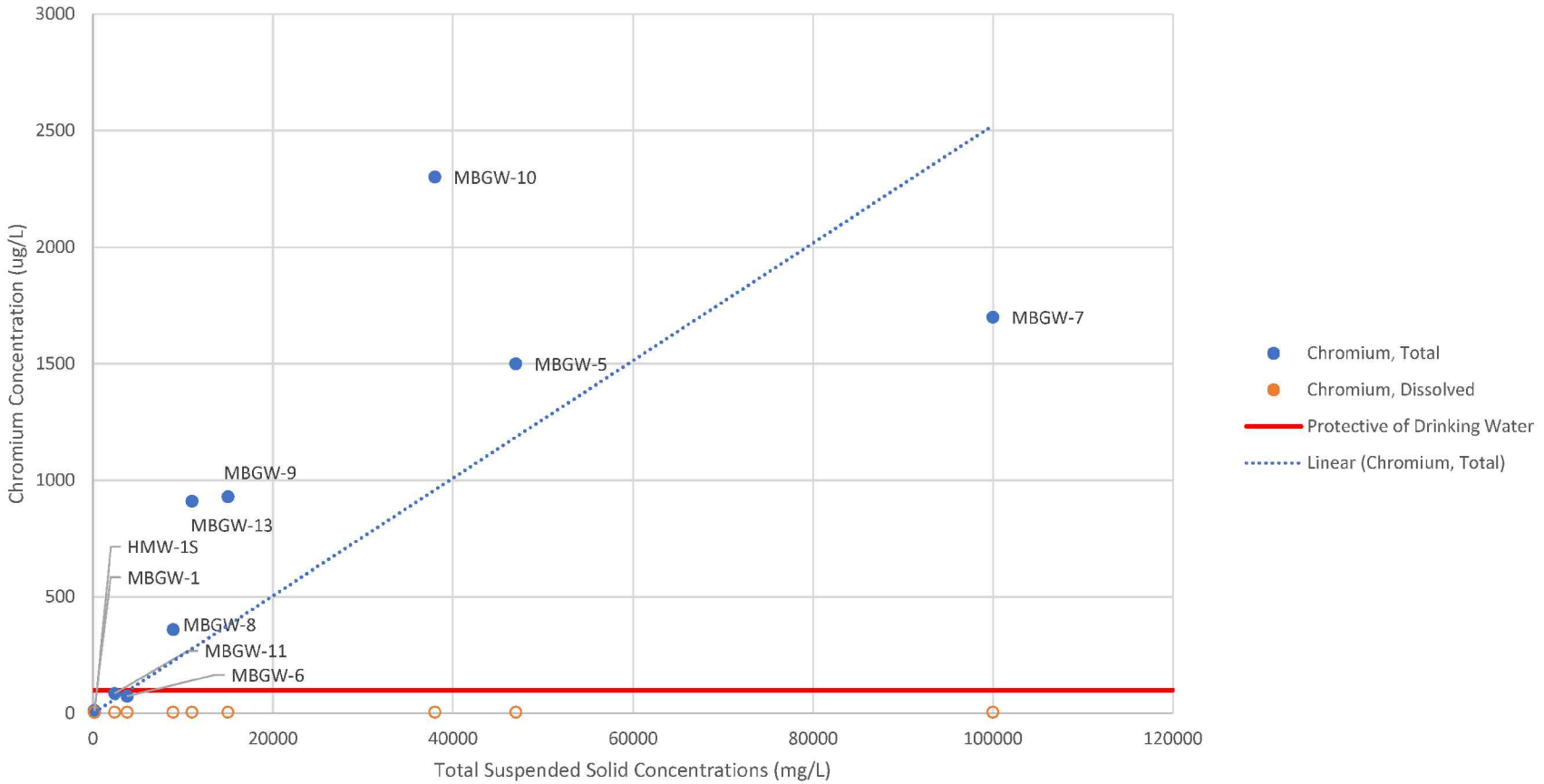
CADMIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6c**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:D Date: 06-24-2021 Author: mschweitzer



NOTES:

1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Protective of Drinking Water.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

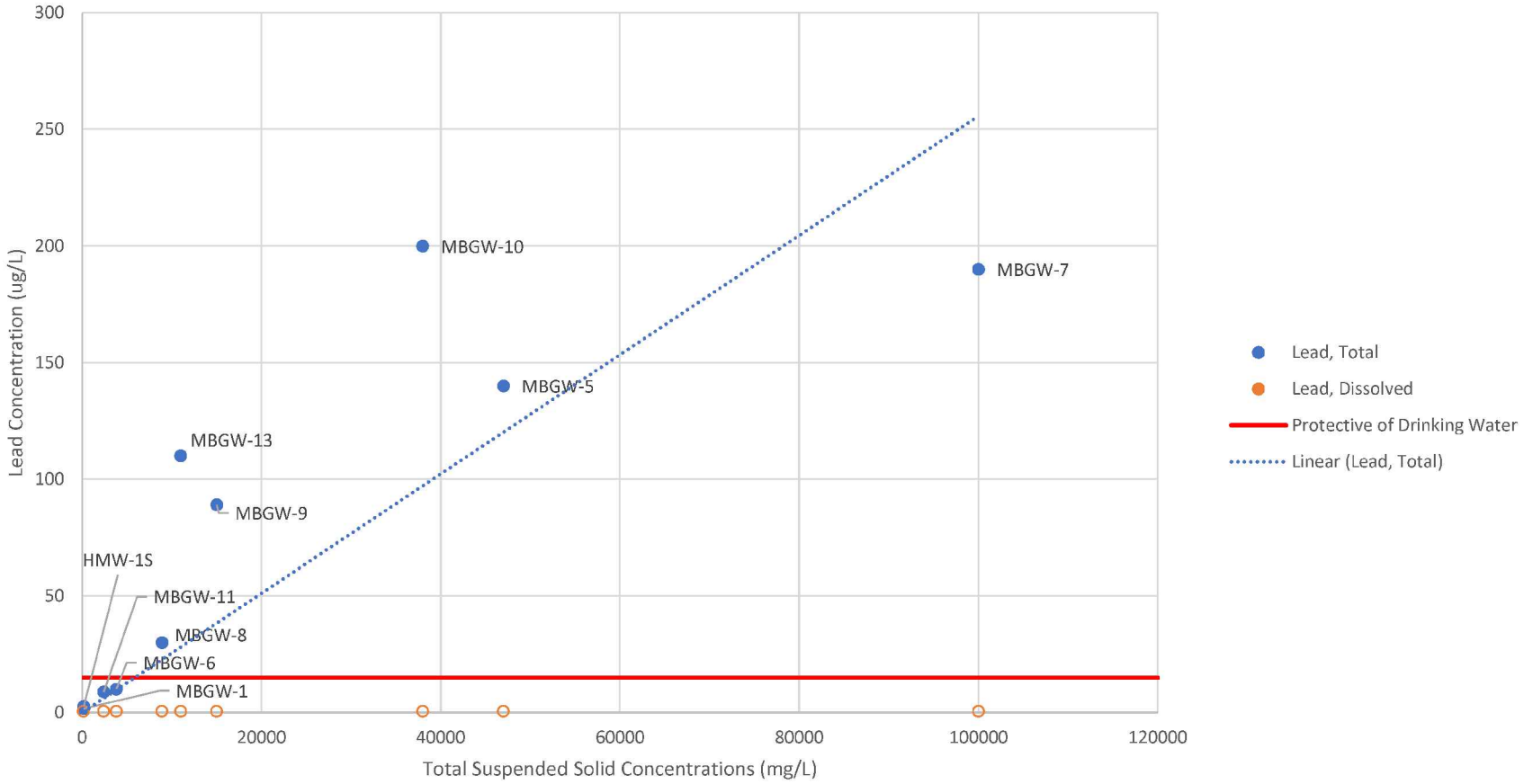
CHROMIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6d**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:E Date: 06-24-2021 Author: mschweitzer



NOTES:

1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Protective of Drinking Water.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

LEAD CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

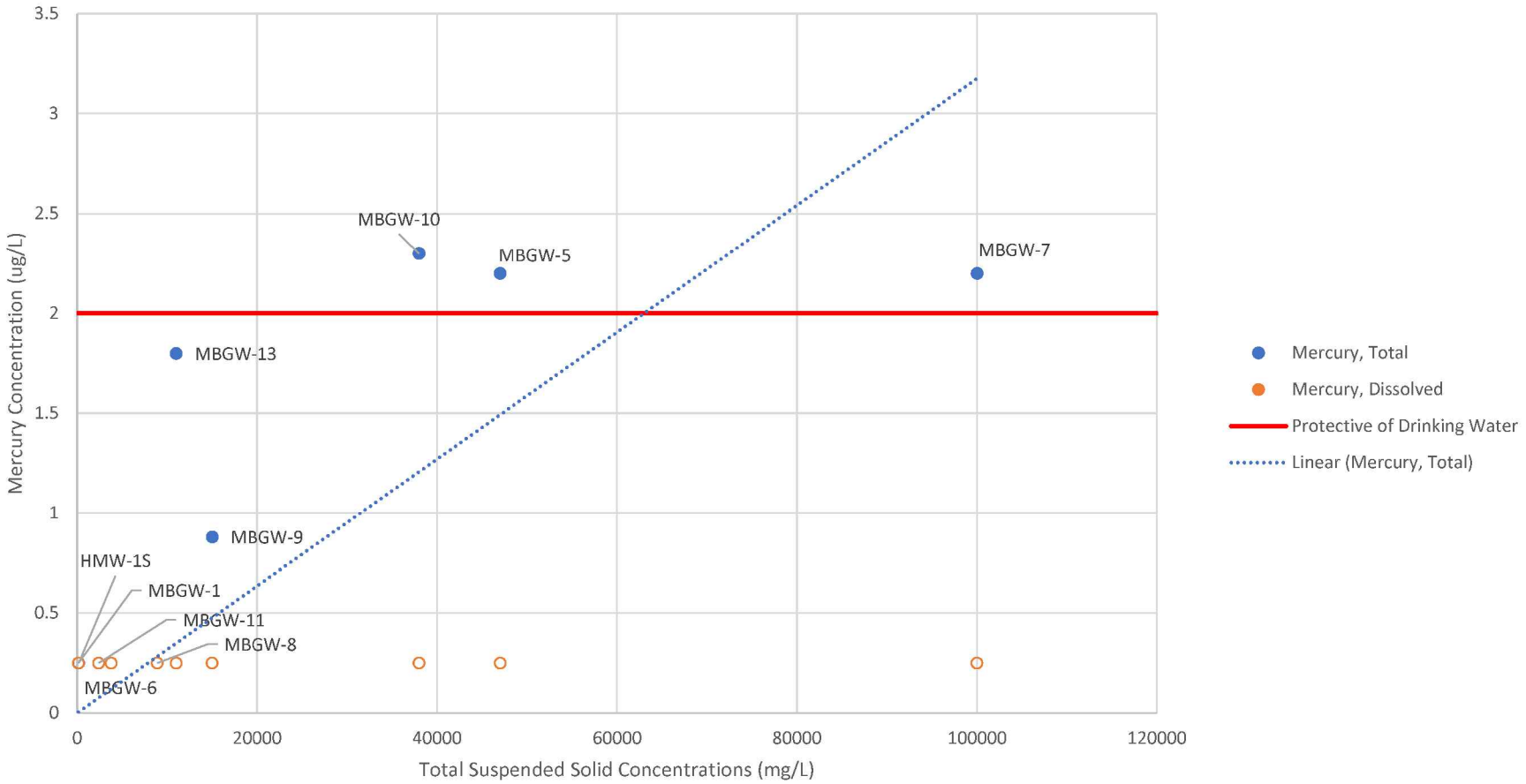
19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6e**

Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-007 (ConcentrationPlots-Mercer).dwg Layout:F Date: 06-24-2021 Author: mschweitzer



NOTES:
1. Solid symbol indicates a detected concentration. Open symbol indicates a non-detect, one-half the laboratory reporting limit is graphed.
2. Screening Level shown is the Protective of Drinking Water.
3. Screening levels provided by Ecology (November 17, 2020).

Seattle DOT Mercer Parcels Site
Seattle, Washington

MERCURY CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GROUNDWATER

19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-6f**

Public Review Draft

MBB-2	03/03/2020 32 - 37 ft el 23.45 to 18.45
Gasoline Range Organics	160
Diesel Range Organics	130 J
Benzene	2.8

MBB-3	03/04/2020 32 - 37 ft el 22.84 to 17.84
Gasoline Range Organics	720
Diesel Range Organics	150 J
Benzene	25

MBB-24	09/10/2020 30 - 40 ft el 24.1 to 14.1
Gasoline Range Organics	1600
Diesel Range Organics	650 J
Benzene	34

ROY ST
8TH AVE N
VALLEY ST
DEXTER AVE N
9TH AVE N
MERCER ST

BB-10, BB-8, BB-8A, MW-146, MW-147, MBGW-12, HMW-17S, MBB-1, MBB-16, MBGW-13, MBB-4, MBB-2, MBB-3, HMW-3IA, HMW-18S, HMW-3D, MBGW-6, MW-117, HMW-19S, MBB-24, HMW-20S, HMW-20IA, MBGW-7, HMW-5IB, HMW-9IA, HMW-9S, HMW-9D, HMW-9IB, HMW-4IA, HMW-8IB, HMW-6IA, HMW-6D, HMW-6IB, MBGW-9, HMW-7IB, HMW-15IB, 21417-MB4, MBGW-10, MBGW-11, MW-118, MBGW-16, MBB-7, MBPP-5, MBB-10, MBGW-3, MBGW-5, MBB-5, MBB-6, MBB-8, HMW-2S, HMW-2D, HMW-2IB, MBB-9, HMW-2IA, BB-5, MBGW-8, HMW-10S, HMW-10D, MBGW-1, MBGW-2, HMW-13D, HMW-14D, MBGW-15, HMW-12D, 21417-MB9, HMW-1S, HMW-1IB, HMW-11D, 21417-MB10, 21417-MB11, HMW-11S, HMW-11IB

APPROXIMATE EXTENT OF **BENZENE** EXCEEDANCES IN GROUNDWATER ABOVE EXCAVATION DEPTH (NO EXCEEDANCES BELOW EXCAVATION DEPTH)

APPROXIMATE EXTENT OF **GRO AND/OR DRO** EXCEEDANCES IN GROUNDWATER ABOVE EXCAVATION DEPTH (NO EXCEEDANCES BELOW EXCAVATION DEPTH)

N

0 30 60 120 Feet

SAMPLE LOCATIONS ANALYZED FOR GRO, DRO, AND BENZENE (ALL LOCATIONS SHOWN HERE WERE SAMPLED FOR ALL THREE COMPOUNDS)

- SHALLOW ZONE MONITORING WELL
- INTERMEDIATE A ZONE MONITORING WELL
- INTERMEDIATE B ZONE MONITORING WELL
- DEEP ZONE MONITORING WELL
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- GROUNDWATER SAMPLE LOCATION WITH EXCEEDANCE

- EXCAVATION LIMITS; TO BE EXCAVATED DOWN TO ELEVATION 8 FT OR LOWER
- POTENTIAL HISTORICAL CONTAMINANT SOURCE
- PROPERTY BOUNDARY
- FORMER LAKE UNION SHORELINE
- FORMER BROAD STREET AND 8TH AVENUE N, THROUGH 1950s
- FORMER BROAD STREET 1958-2012

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER OR PROTECTIVE OF INDOOR AIR SCREENING LEVELS

CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)

SCREENING LEVELS WERE PROVIDED BY ECOLOGY (NOVEMBER 17, 2020)

DEPTH IN FEET BELOW GROUND SURFACE (BGS)

ELEVATION IN FEET (NAVD 88)

U = NON-DETECT AT DETECTION LIMIT AS INDICATED
J = ESTIMATED VALUE
- = ANALYTE WAS NOT ANALYZED/NOT APPLICABLE
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: EAGLEVIEW

SCREENING LEVELS FOR GRO, DRO, AND BENZENE GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Gasoline Range Organics (GRO)	800	-
Diesel Range Organics (DRO)	500	-
Benzene	5	2.4

Seattle DOT Mercer Parcels Site
Seattle, Washington

GRO, DRO, and Benzene Distribution in Groundwater

19409-04 06/21

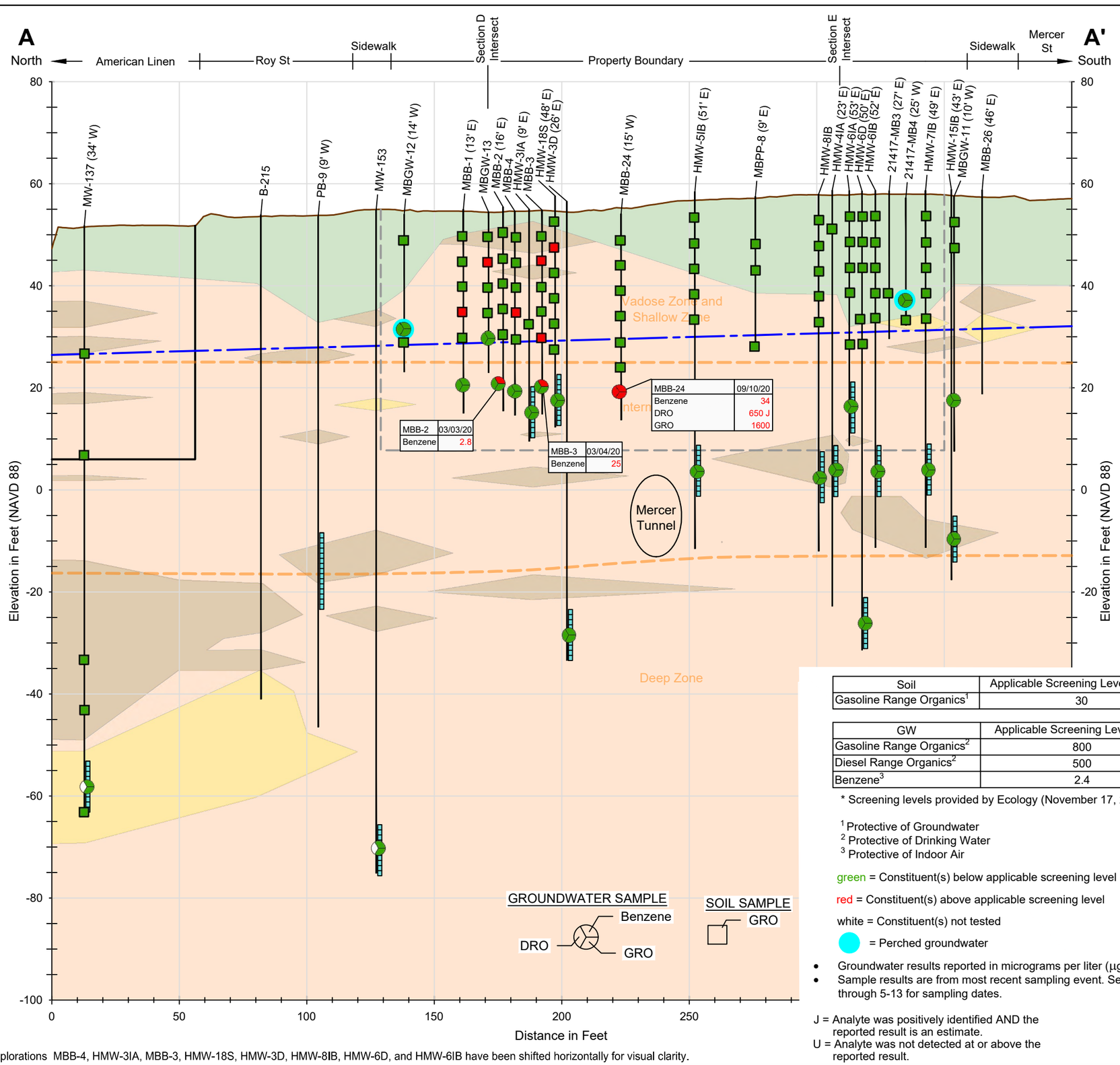
HARTCROWSER A division of Haley & Aldrich

Figure **7-7**

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2020_12_BB_R#\135568_007-7_GRO_DRO_BENZENE_EXTENT_IN_GW.mxd — USER: craumann — LAST SAVED: 6/29/2021 11:16:17 PM

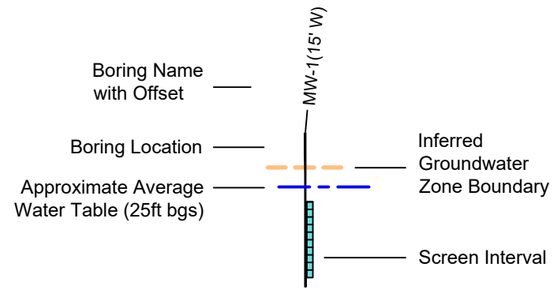
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadA-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer



Explorations MBB-4, HMW-3IA, MBB-3, HMW-18S, HMW-3D, HMW-8IB, HMW-6D, and HMW-6IB have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air

green = Constituent(s) below applicable screening level

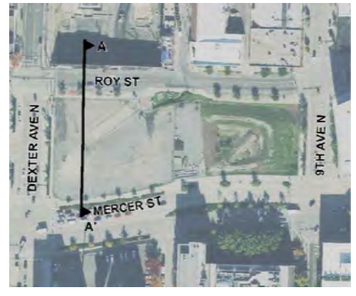
red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

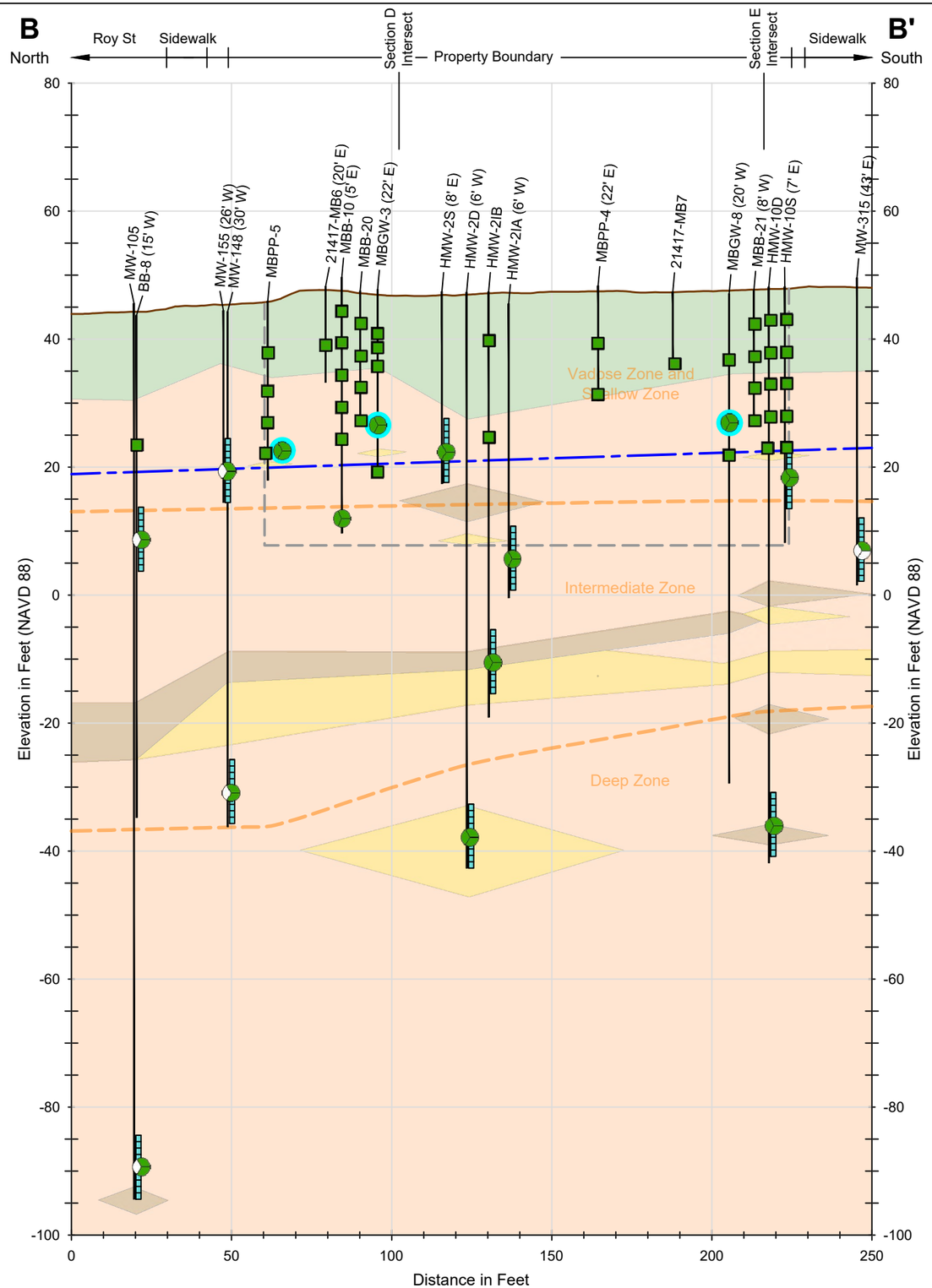
COCs, Cross Section A-A': GRO, DRO, and Benzene in Groundwater, GRO in Soil

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

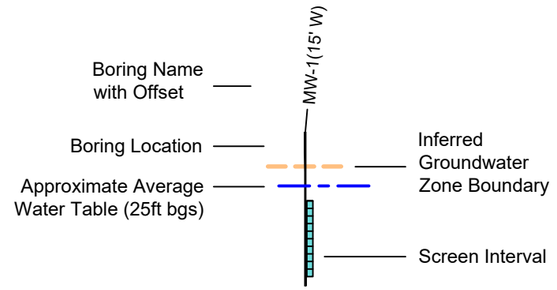
Figure
7-8a

Public Review Draft



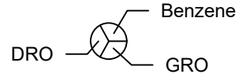
Explorations 21417-MB6 and HMW-10S have been shifted horizontally for visual clarity.

Legend

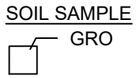


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

GROUNDWATER SAMPLE



SOIL SAMPLE



Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

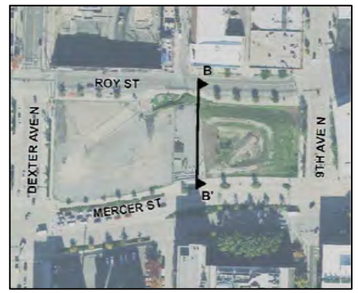
J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section B-B': GRO, DRO, and Benzene in Groundwater, GRO in Soil

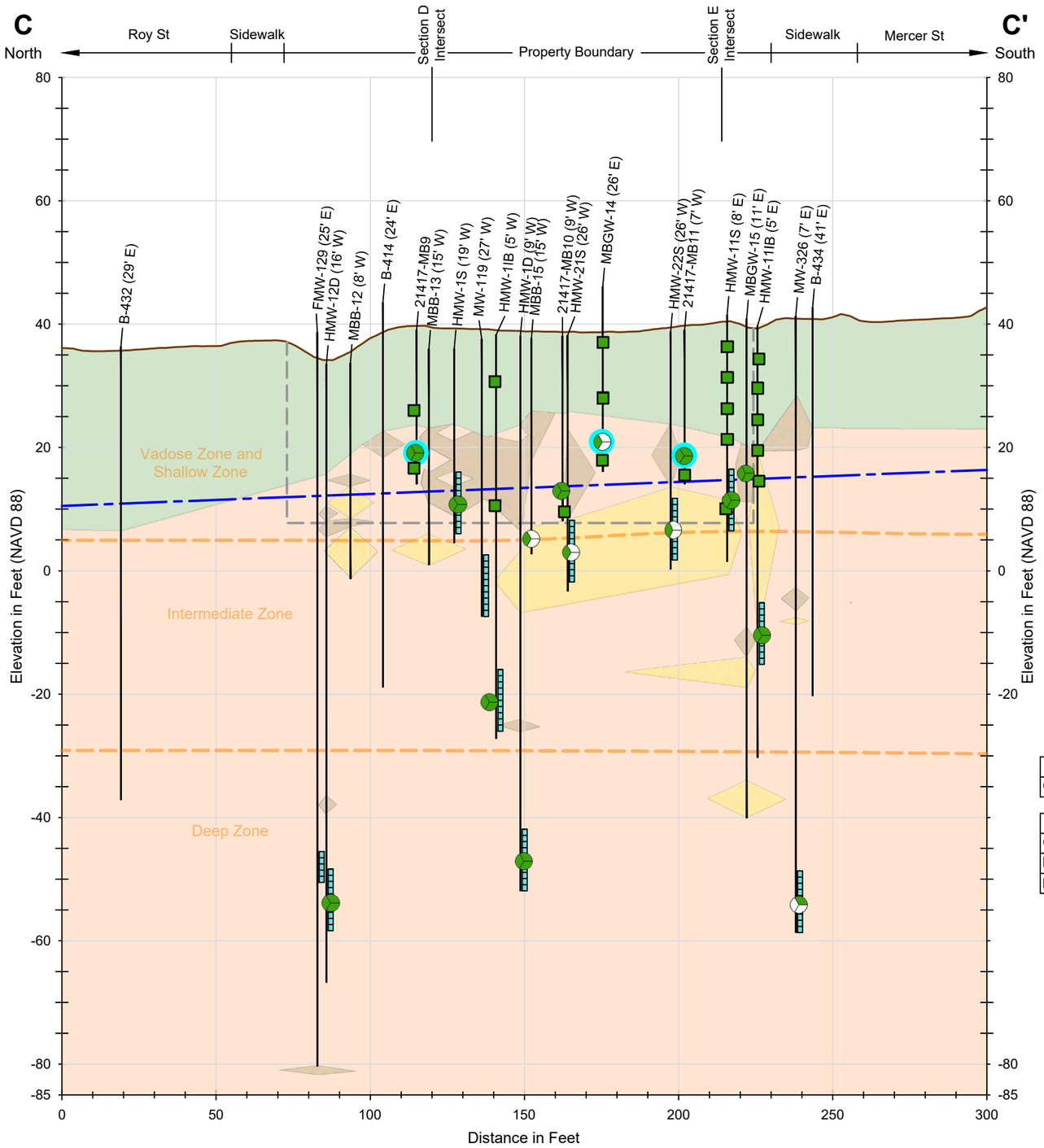
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-8b

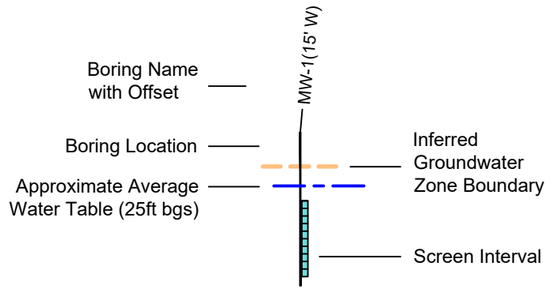
File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadB-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer

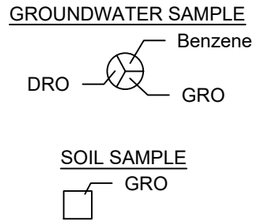
Public Review Draft



Explorations MW-119 and HMW-1IB have been shifted horizontally for visual clarity.

Legend





Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

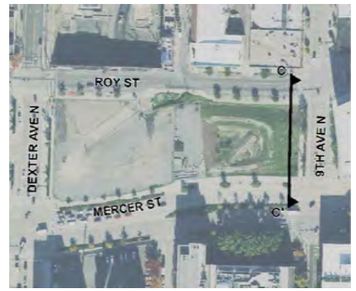
J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section C-C': GRO, DRO, and Benzene in Groundwater, GRO in Soil

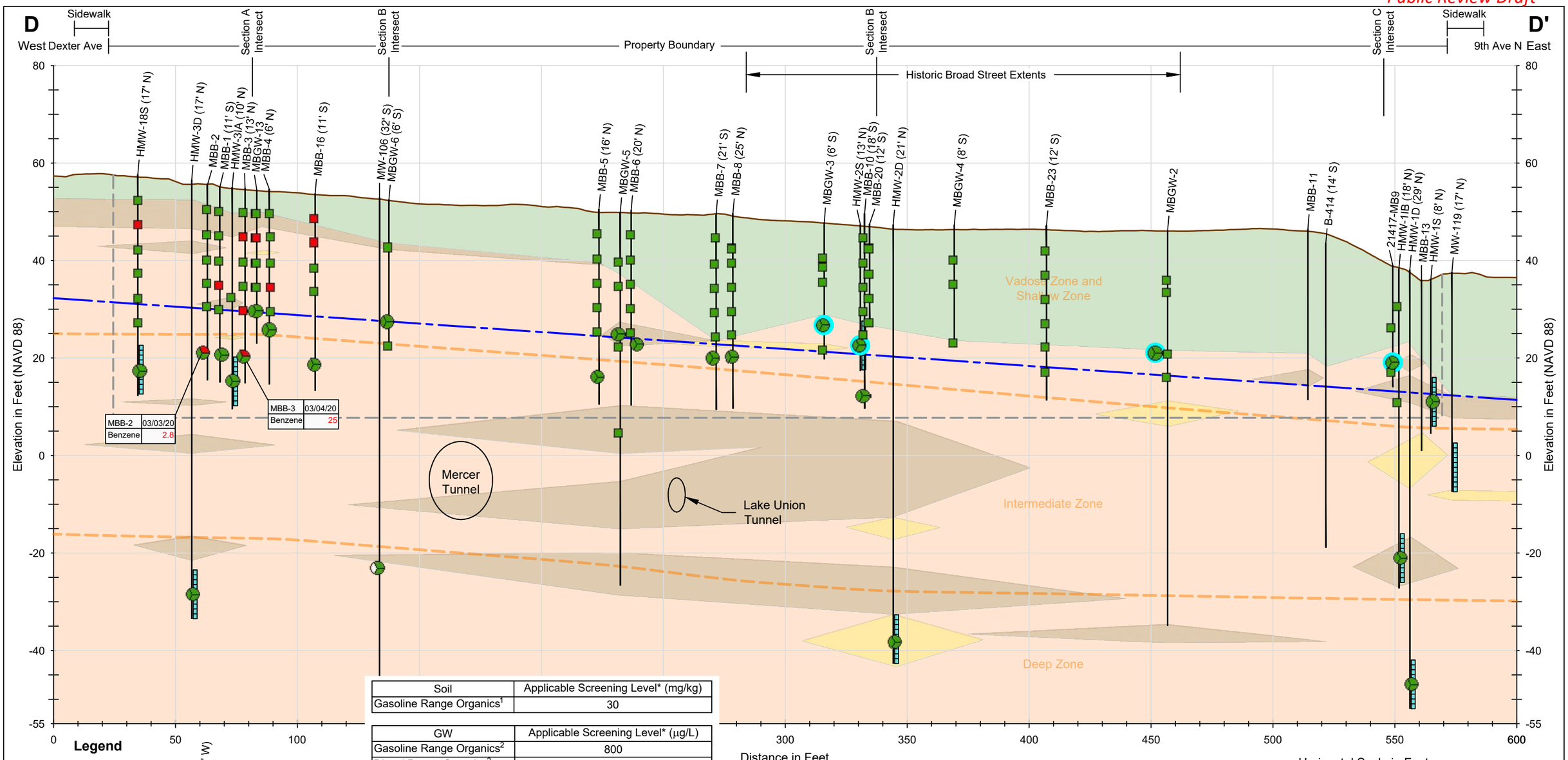
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-8c

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadC-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

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- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

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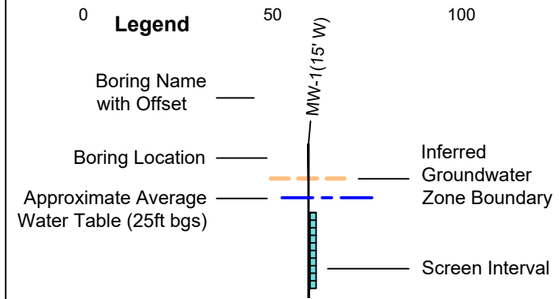
U = Analyte was not detected at or above the reported result.

Explorations MBB-1, MBB-2, MBB-4, and MBGW-13 have been shifted horizontally for visual clarity.

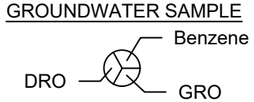
Legend



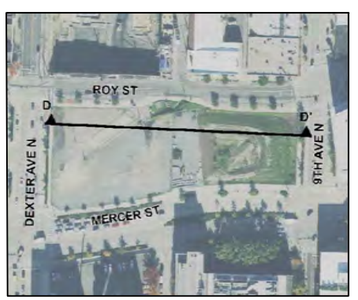
Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

GROUNDWATER SAMPLE



SOIL SAMPLE



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section D-D': GRO, DRO, and Benzene in Groundwater, GRO in Soil

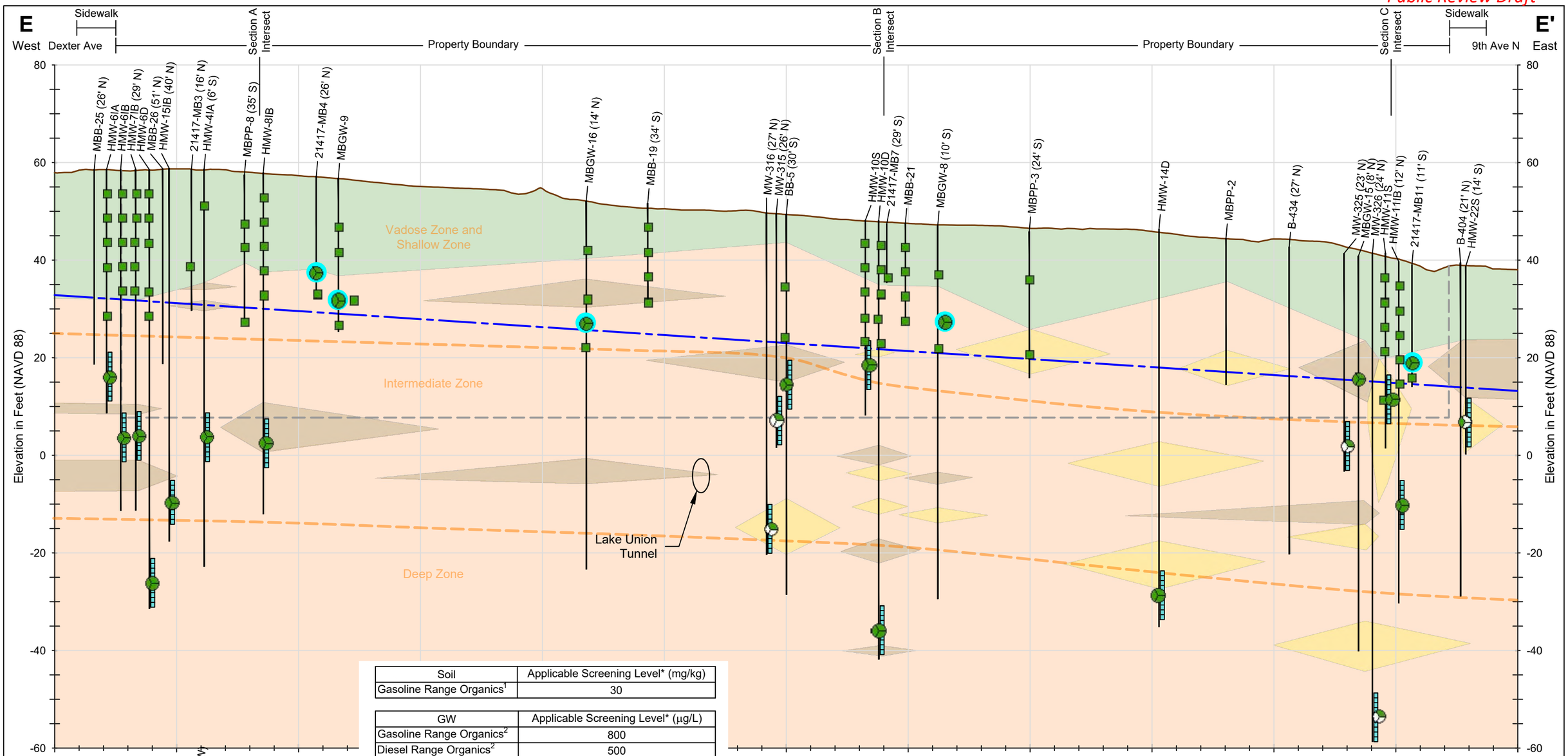
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-8d

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadD-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

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white = Constituent(s) not tested

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

Legend

Boring Name with Offset — MW-1(15' W)

Boring Location

Approximate Average Water Table (25ft bgs)

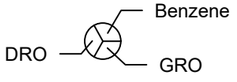
Inferred Groundwater Zone Boundary

Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

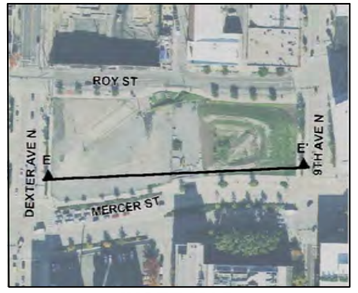
GROUNDWATER SAMPLE



SOIL SAMPLE

GRO

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.



INSET MAP

Explorations HMW-6IA, HMW-6IB, HMW-6D, MBB-26, HMW-15IB, HMW-10S, HMW-11IB, HMW-11S, MBGW-15, and MW-325 have been shifted horizontally for visual clarity.

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section E-E': GRO, DRO, and Benzene in Groundwater, GRO in Soil

19409-04 06/21

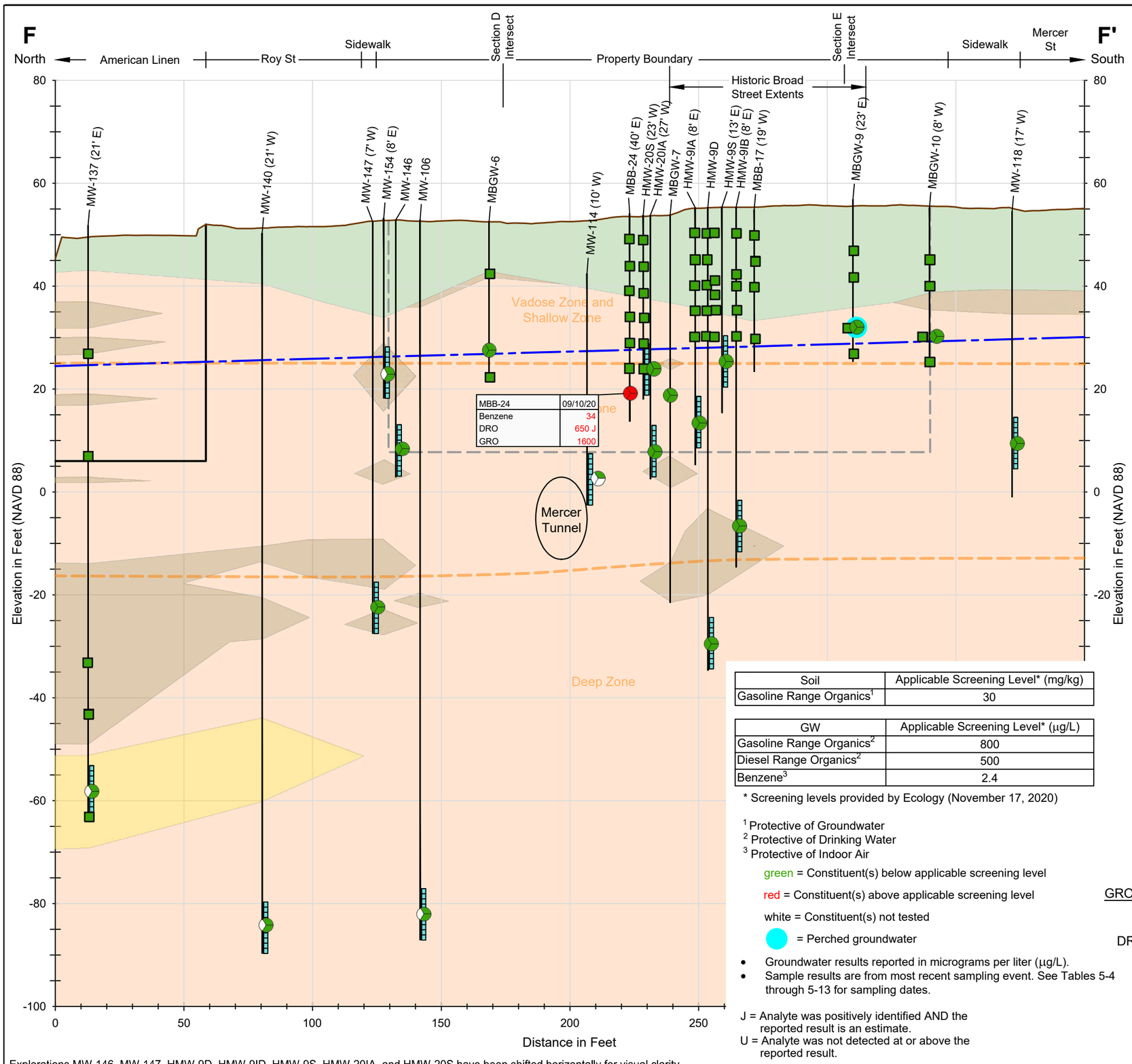
HARTCROWSER A division of Haley & Aldrich

Figure **7-8e**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadE-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer

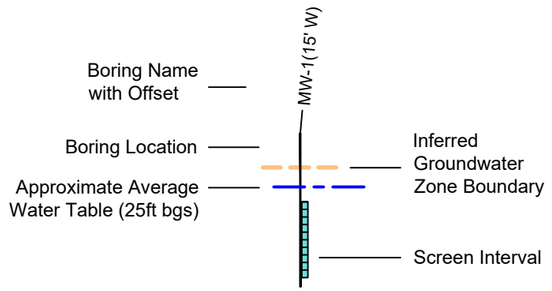
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadF-ChemPlot_GRO Date: 06-25-2021 Author: mschweitzer



Explorations MW-146, MW-147, HMW-9D, HMW-9ID, HMW-9S, HMW-20IA, and HMW-20S have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

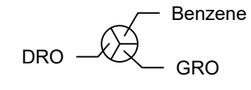
white = Constituent(s) not tested

= Perched groundwater

- Groundwater results reported in micrograms per liter (µg/L).
- Sample results are from most recent sampling event. See Tables 5-4 through 5-13 for sampling dates.

J = Analyte was positively identified AND the reported result is an estimate.
U = Analyte was not detected at or above the reported result.

GROUNDWATER SAMPLE



SOIL SAMPLE

INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section F-F': GRO, DRO, and Benzene in Groundwater, GRO in Soil

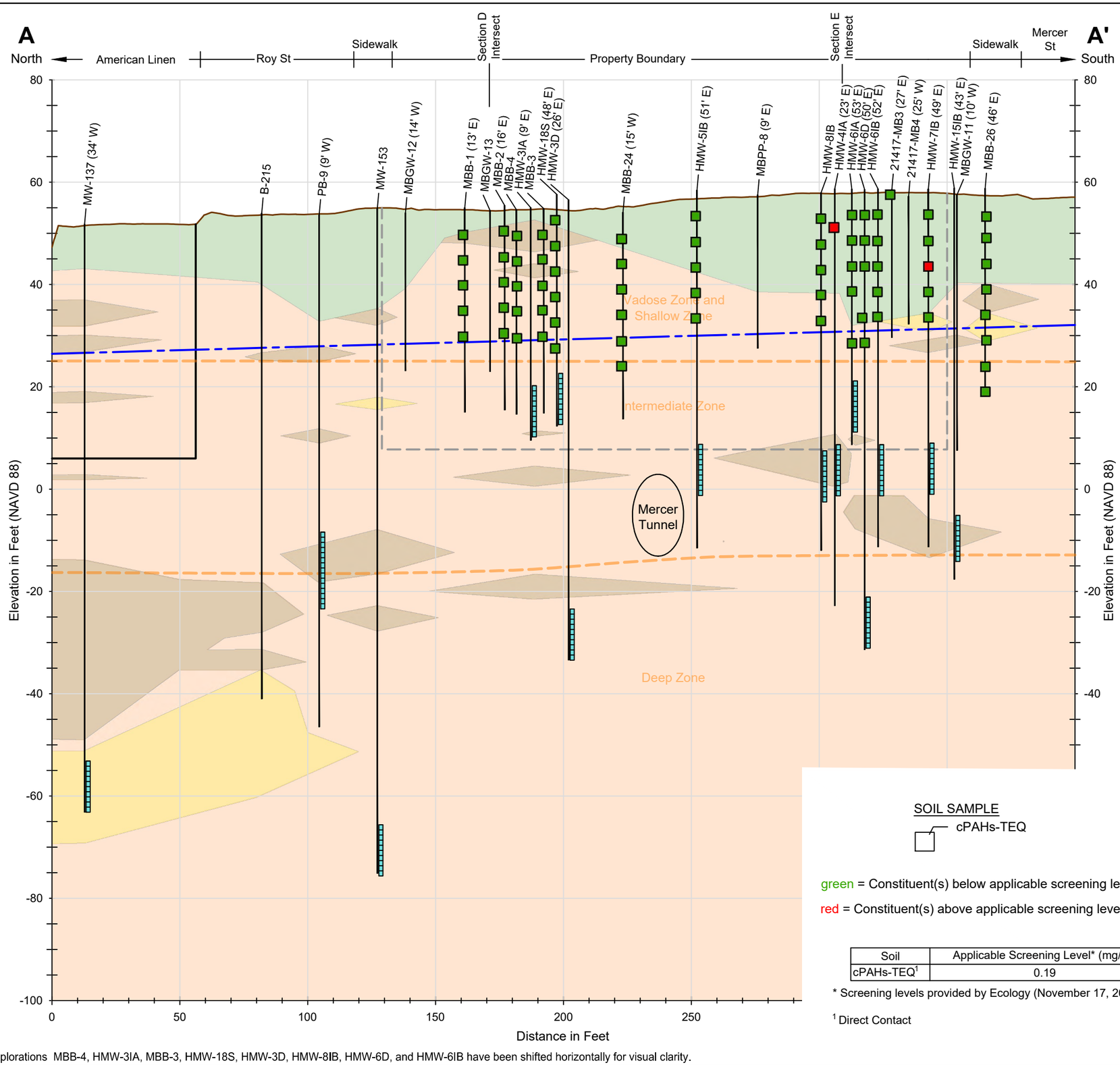
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-8f

Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadA-ChemPlot_CPAH Date: 06-25-2021 Author: mschweitzer



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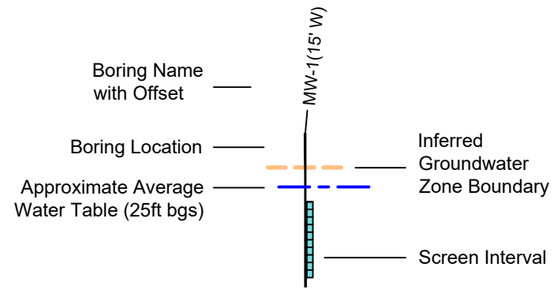


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

INSET MAP

SOIL SAMPLE
cPAHs-TEQ

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

[1] Direct Contact

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Explorations MBB-4, HMW-3IA, MBB-3, HMW-18S, HMW-3D, HMW-8IB, HMW-6D, and HMW-6IB have been shifted horizontally for visual clarity.

Seattle DOT Mercer Parcels Site
Seattle, Washington

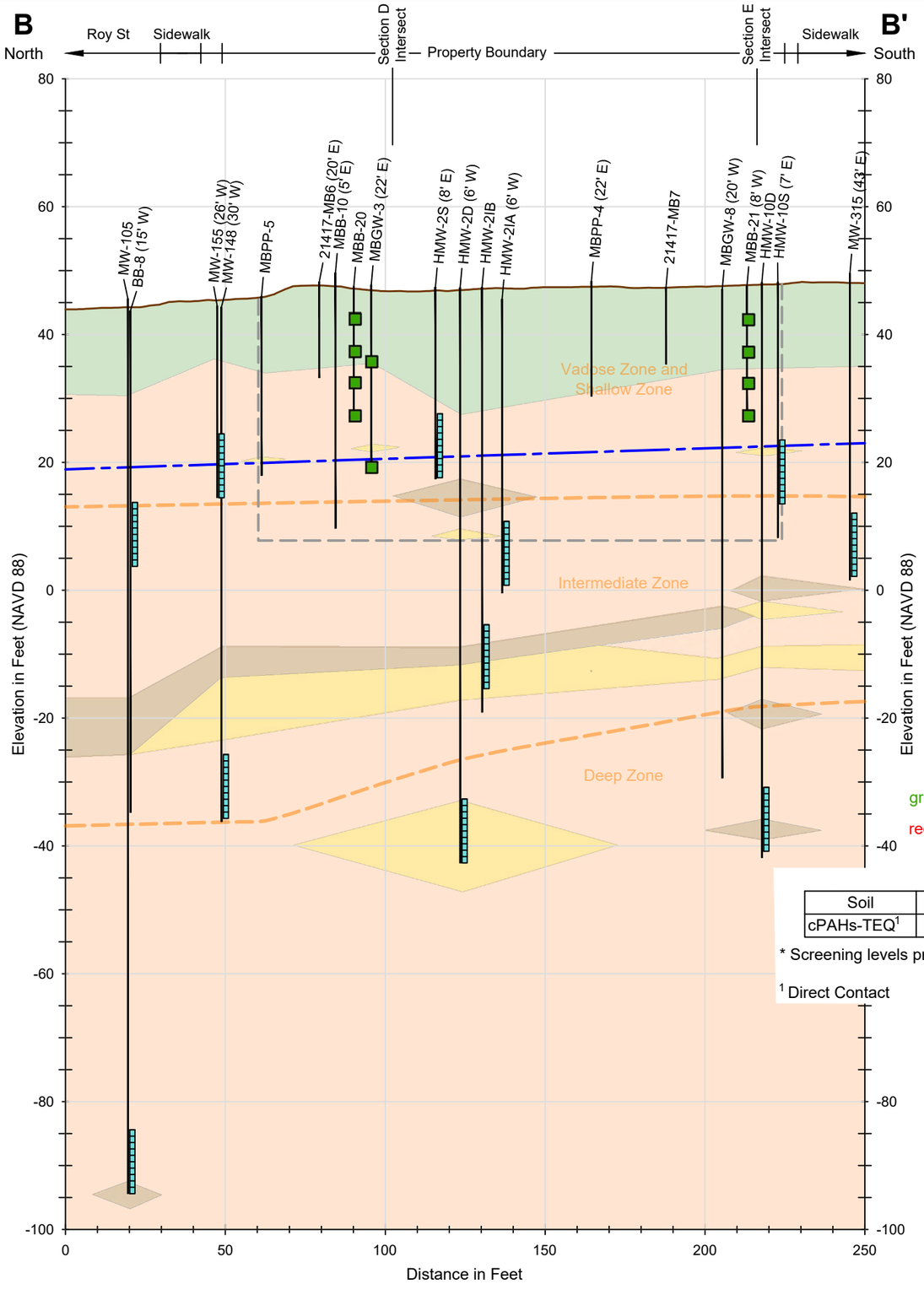
COCs, Cross Section A-A': cPAHs-TEQ in Soil

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

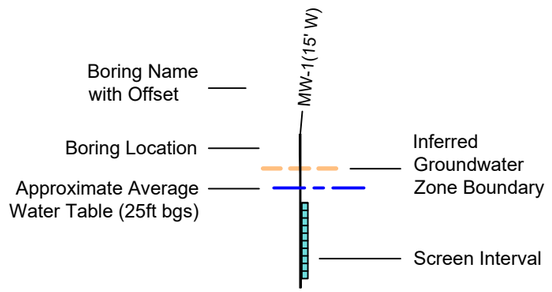
Figure
7-9a

Public Review Draft



Explorations 21417-MB6 and HMW-10S have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE
cPAHs-TEQ

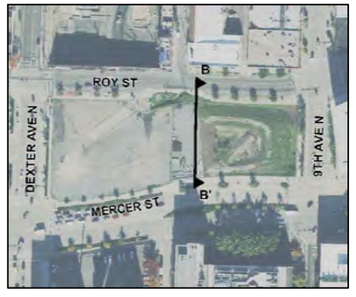
green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

[1] Direct Contact



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section B-B': cPAHs-TEQ in Soil

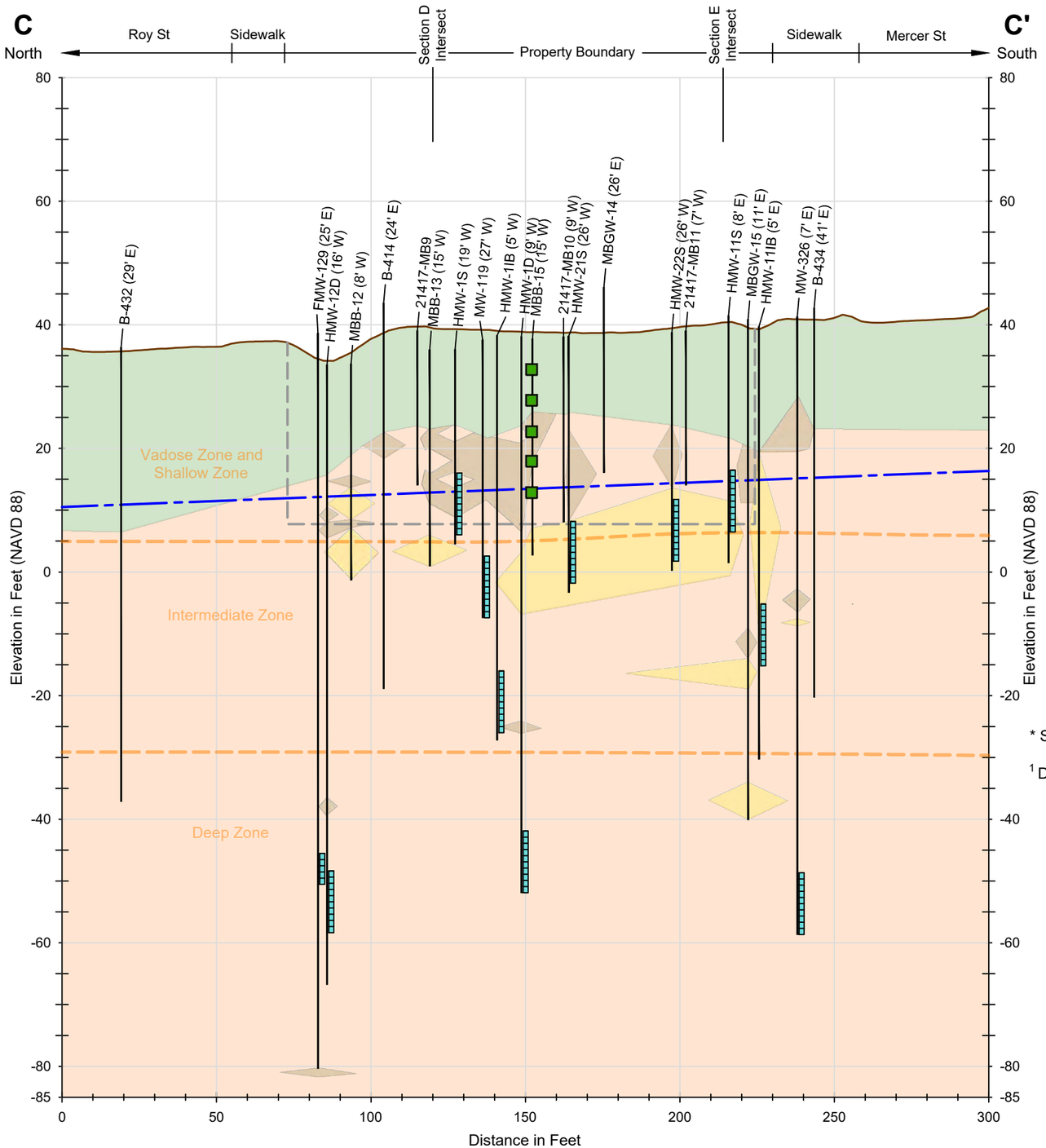
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-9b

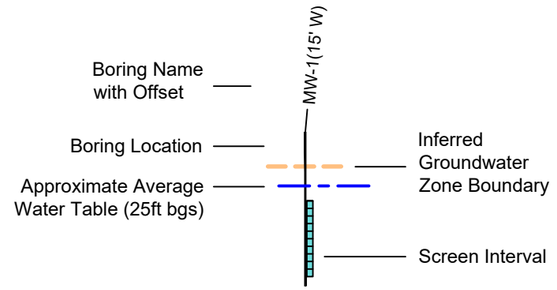
File: \\haleyaldrich.com\sharelsea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadB-ChemPlot_CPAH Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Explorations MW-119 and HMW-1IB have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE

cPAHs-TEQ

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red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

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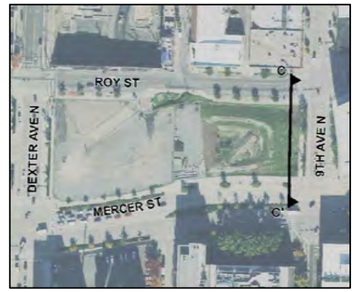


INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section C-C': cPAHs-TEQ in Soil

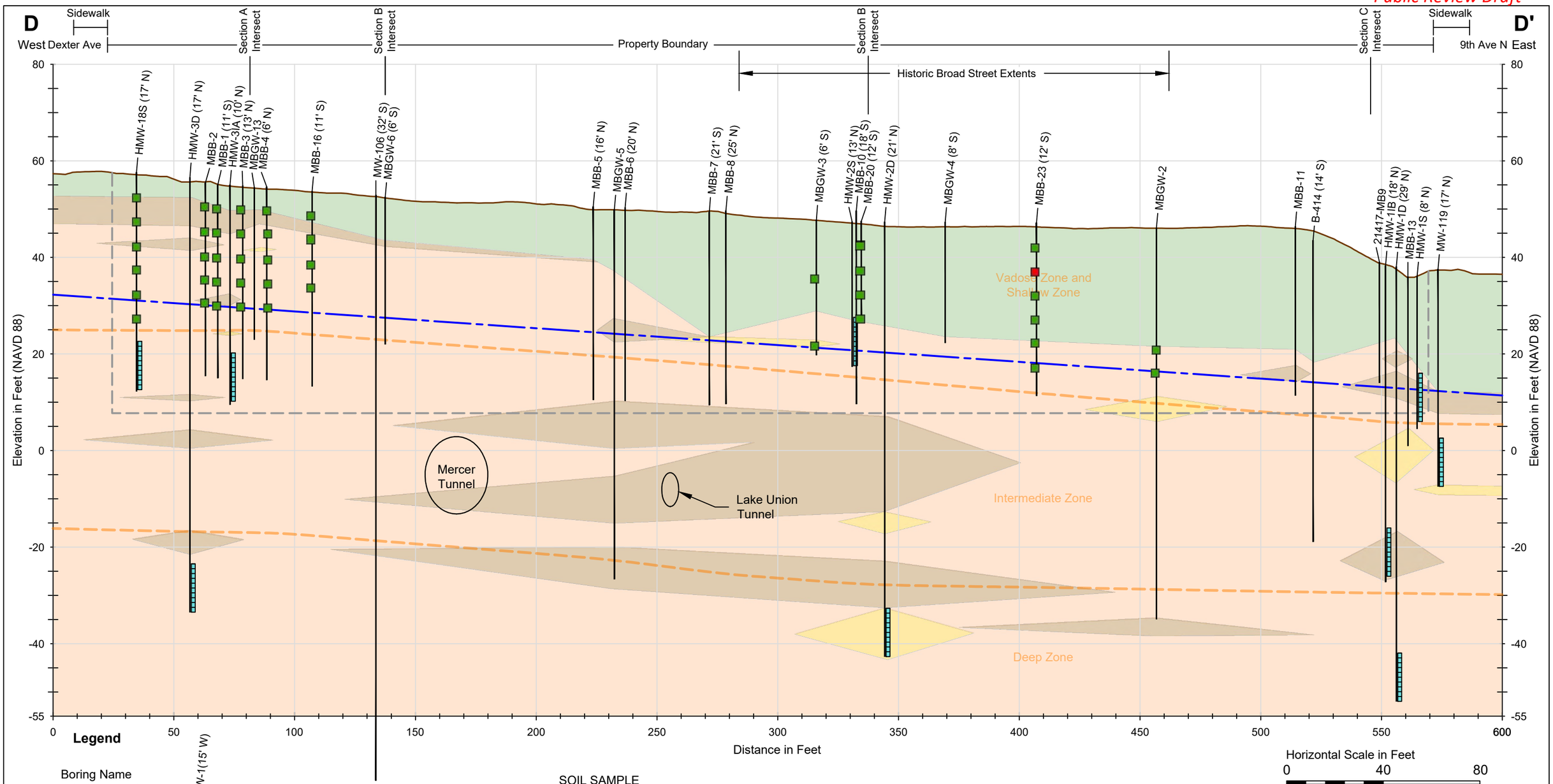
19409-04 06/21

HARTCROWSER A division of Haley & Aldrich

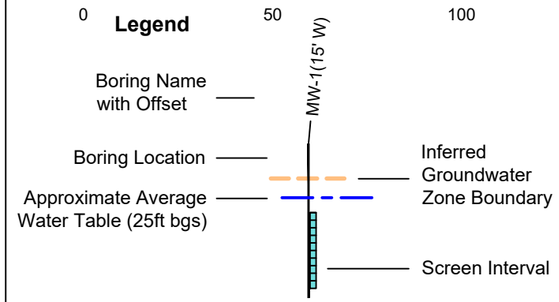
Figure **7-9c**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadC-ChemPlot_CPAH Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Legend



Geologic Units (Predominant Component)

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- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE
cPAHs-TEQ

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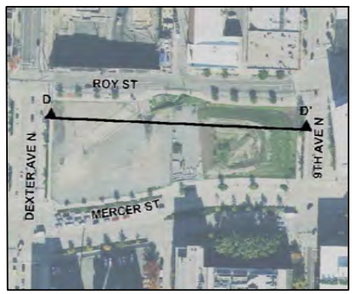
Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

[1] Direct Contact

Explorations MBB-1, MBB-2, MBB-4, and MBGW-13 have been shifted horizontally for visual clarity.

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2



INSET MAP

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section D-D': cPAHs-TEQ in Soil

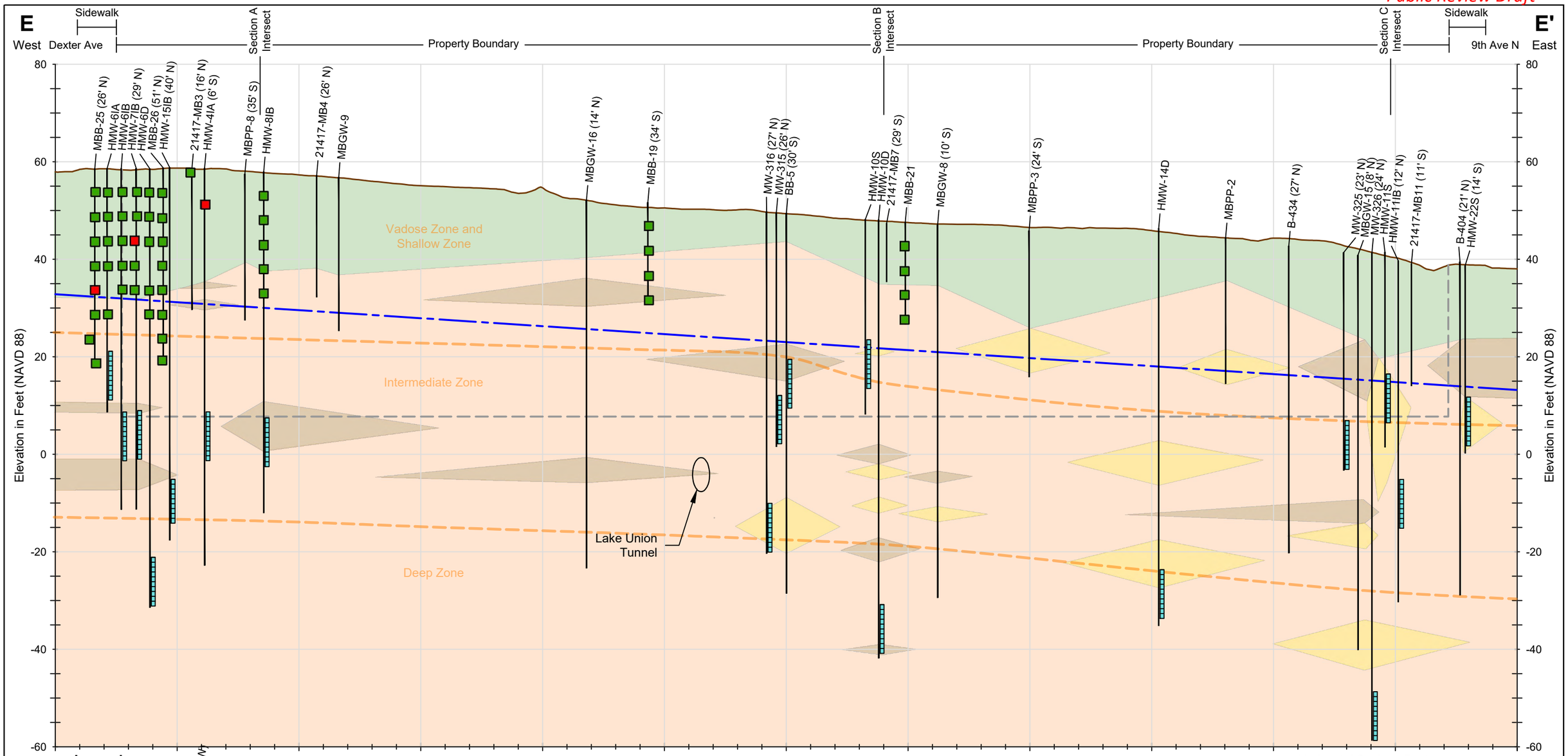
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-9d

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadD-ChemPlot_CPAH Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Legend

Boring Name with Offset — MW-1(15' W)

Boring Location

Approximate Average Water Table (25ft bgs)

Inferred Groundwater Zone Boundary

Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE

cPAHs-TEQ

green = Constituent(s) below applicable screening level

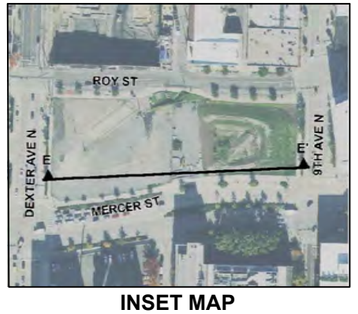
red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

[1] Direct Contact

Explorations HMW-6IA, HMW-6IB, HMW-6D, MBB-26, HMW-15IB, HMW-10S, HMW-11IB, HMW-11S, MBGW-15, and MW-325 have been shifted horizontally for visual clarity.



INSET MAP

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section E-E': cPAHs-TEQ in Soil

19409-04 06/21

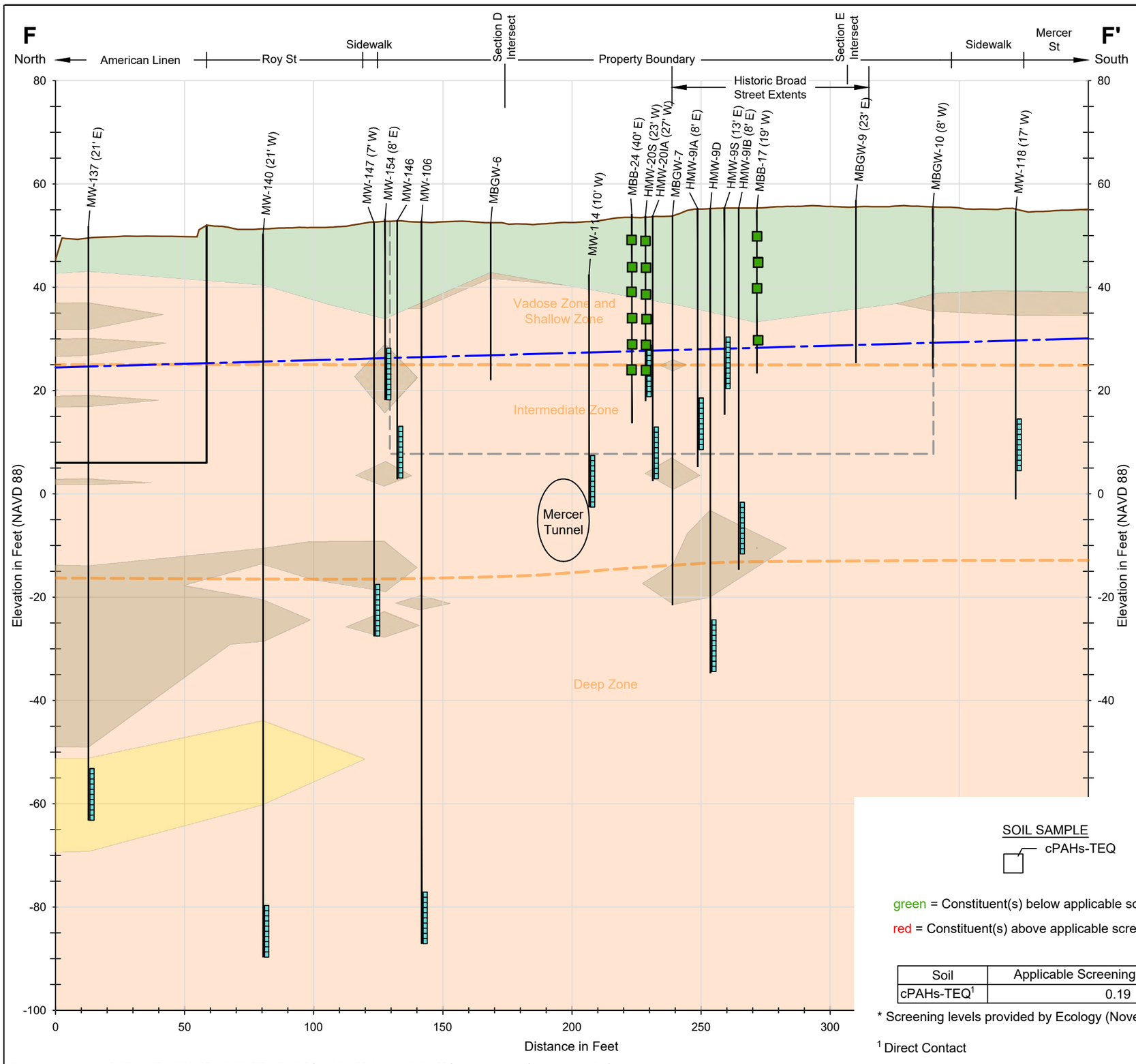
HARTCROWSER
A division of Haley & Aldrich

Figure
7-9e

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadE-ChemPlot_CPAH Date: 06-25-2021 Author: mschweitzer

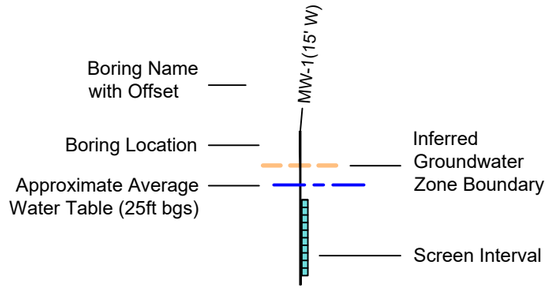
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadF-ChemPlot_CPAH Date: 06-25-2021 Author: mschweltzer



Explorations MW-146, MW-147, HMW-9D, HMW-9ID, HMW-9S, HMW-20IA, and HMW-20S have been shifted horizontally for visual clarity.

Legend

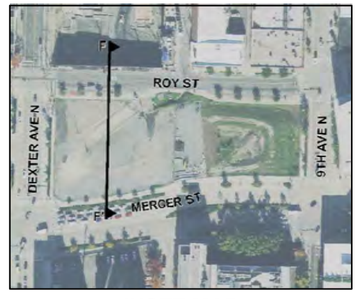


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

SOIL SAMPLE
cPAHs-TEQ

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
cPAHs-TEQ[1]	0.19

* Screening levels provided by Ecology (November 17, 2020)

[1] Direct Contact

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section F-F':
cPAHs-TEQ in Soil

19409-04 06/21

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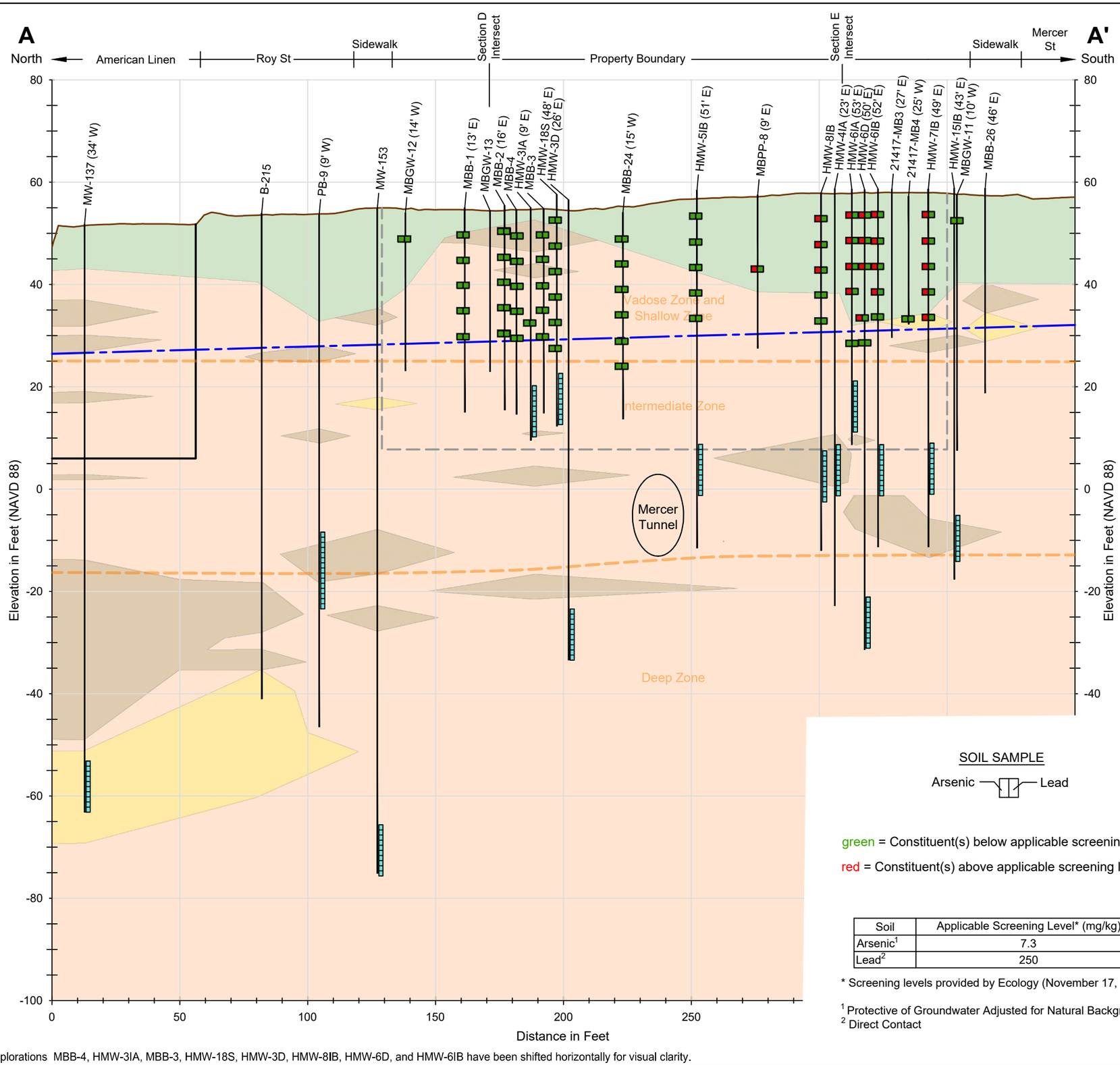
Figure
7-9f

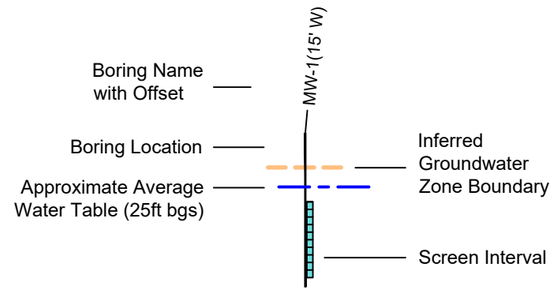
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadA-ChemPlot_AR-LEAD Date: 06-25-2021 Author: mschweitzer



Explorations MBB-4, HMW-3IA, MBB-3, HMW-18S, HMW-3D, HMW-8IB, HMW-6D, and HMW-6IB have been shifted horizontally for visual clarity.

Legend

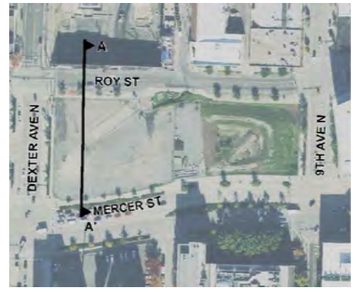


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

SOIL SAMPLE

Arsenic — Lead

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section A-A': Arsenic and Lead in Soil

19409-04 06/21

HARTCROWSER
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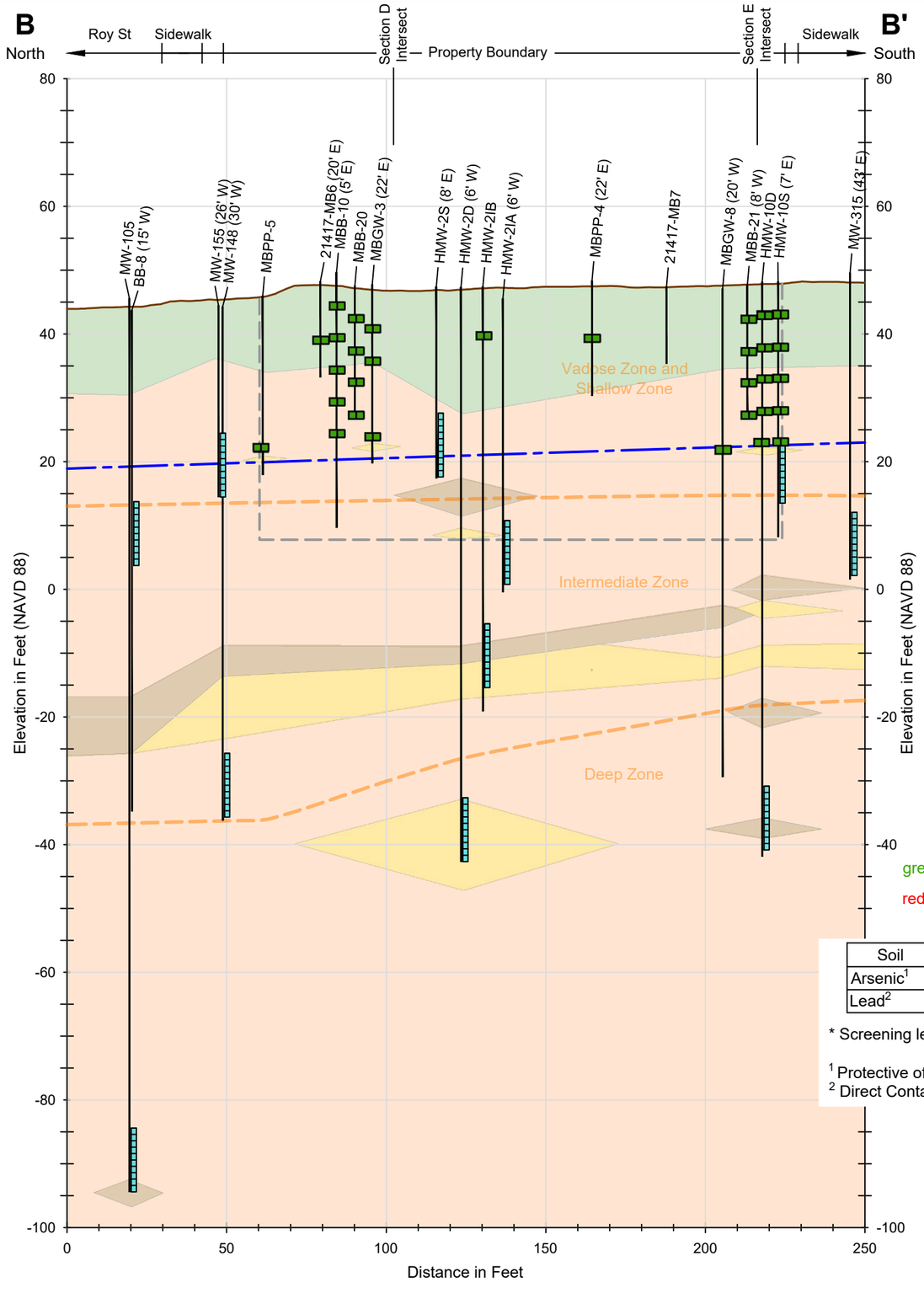
Figure
7-10a

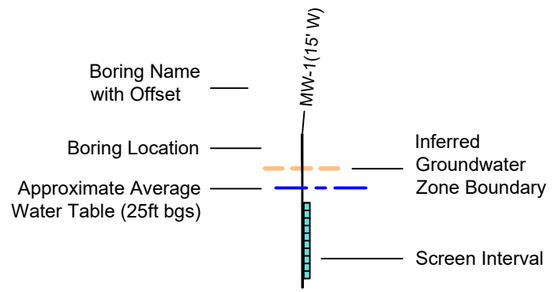
Public Review Draft

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadB-ChemPlot_AR-LEAD Date: 06-25-2021 Author: mschweitzer



Explorations 21417-MB6 and HMW-10S have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE

Arsenic — Lead

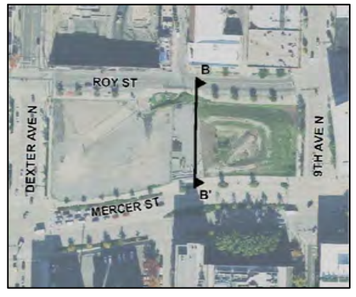
green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

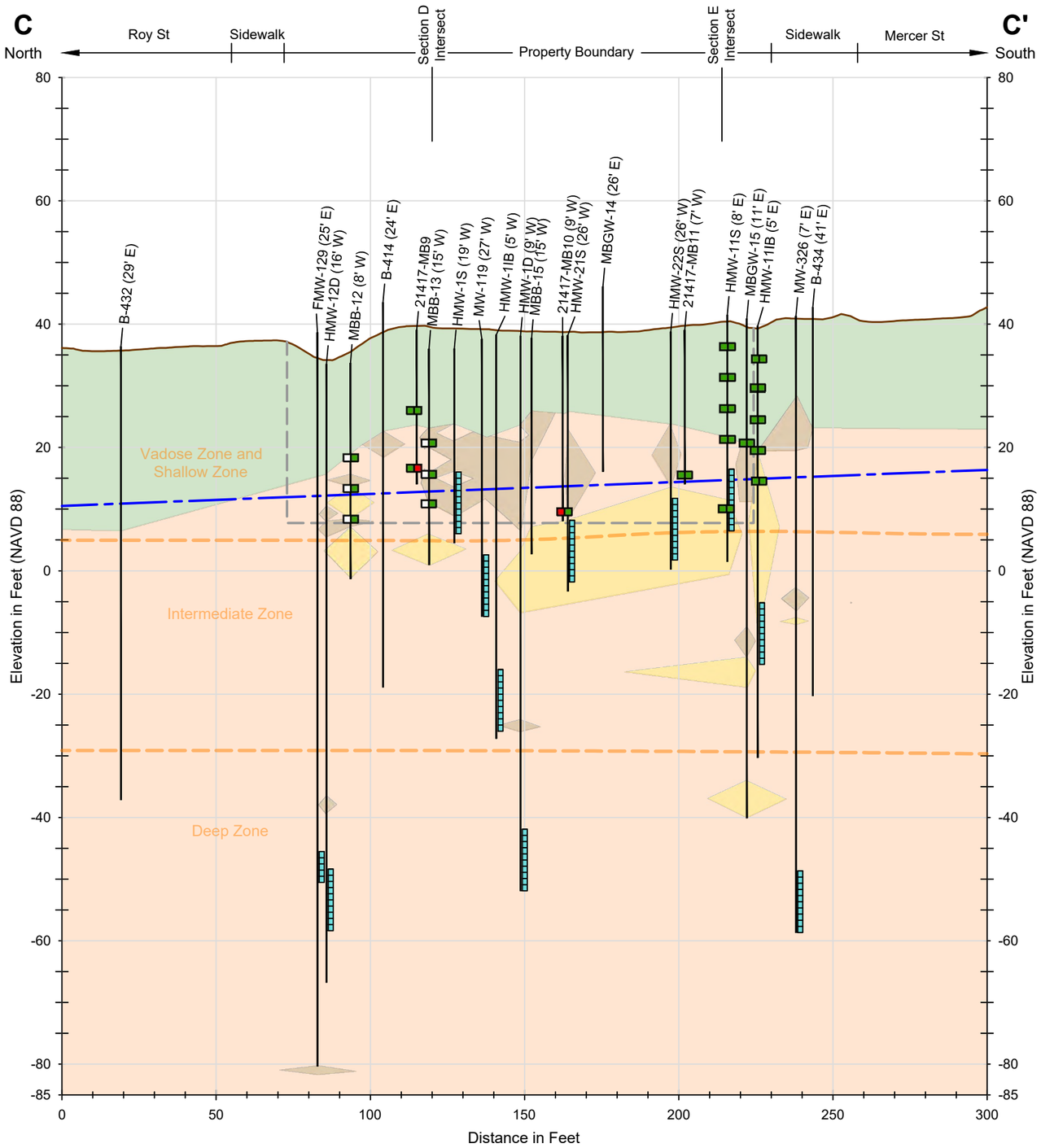
COCs, Cross Section B-B': Arsenic and Lead in Soil

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

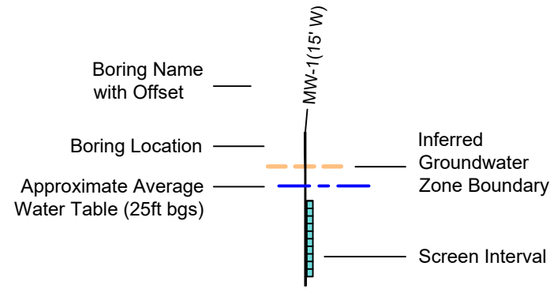
Figure
7-10b

Public Review Draft



Explorations MW-119 and HMW-1IB have been shifted horizontally for visual clarity.

Legend



Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE

Arsenic — Lead

green = Constituent(s) below applicable screening level

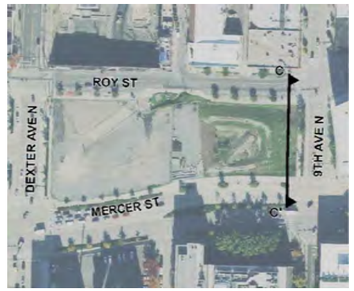
red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact



INSET MAP

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section C-C': Arsenic and Lead in Soil

19409-04 06/21

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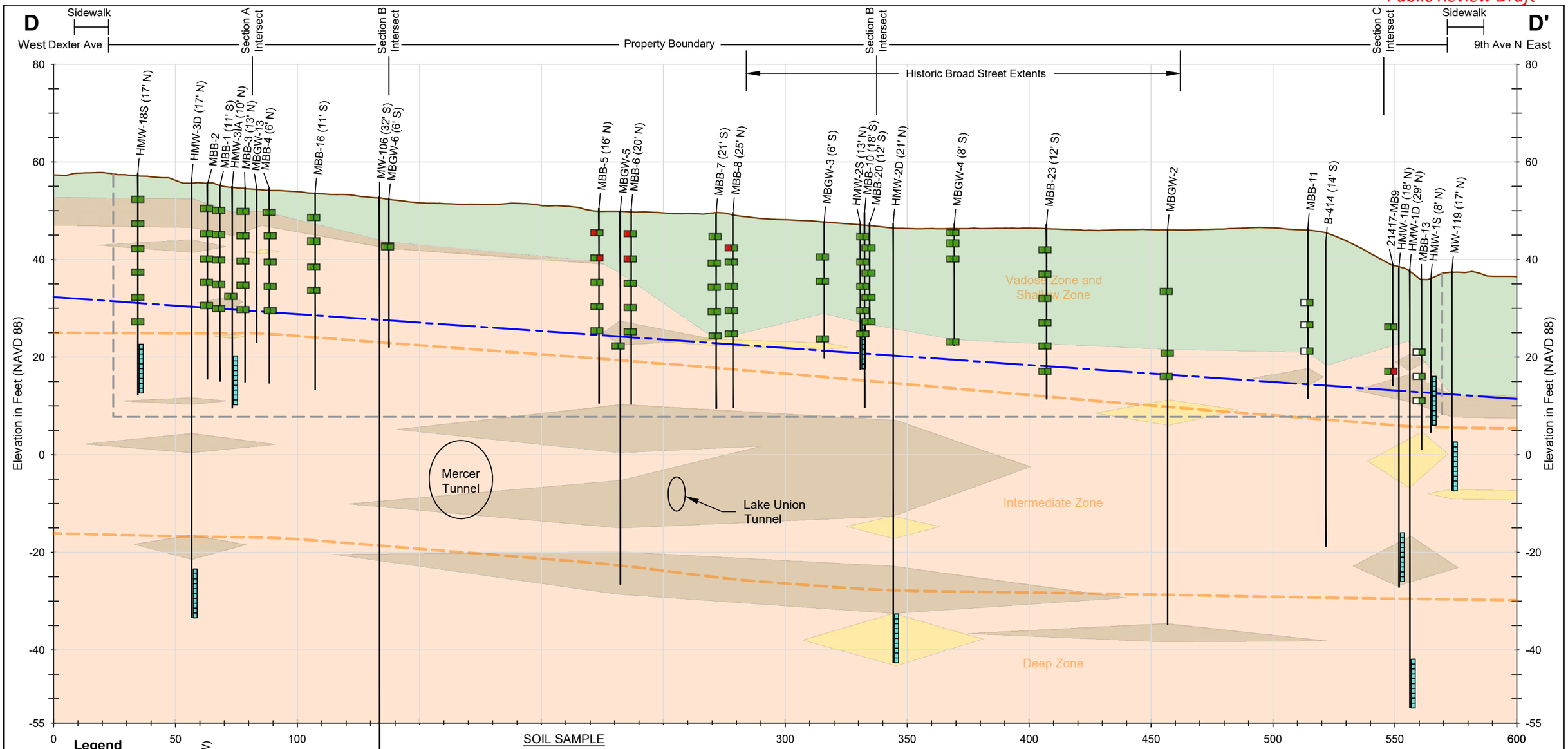
Figure **7-10c**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadC-ChemPlot_AR-LEAD Date: 06-25-2021 Author: mschweltzer

Public Review Draft



Legend

Boring Name with Offset — MW-1(15' W)

Boring Location

Approximate Average Water Table (25ft bgs)

Inferred Groundwater Zone Boundary

Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

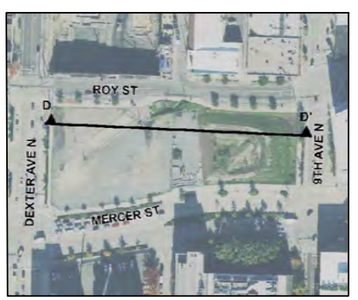
Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact

Explorations MBB-1, MBB-2, MBB-4, and MBGW-13 have been shifted horizontally for visual clarity.

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2



INSET MAP

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section D-D': Arsenic and Lead in Soil

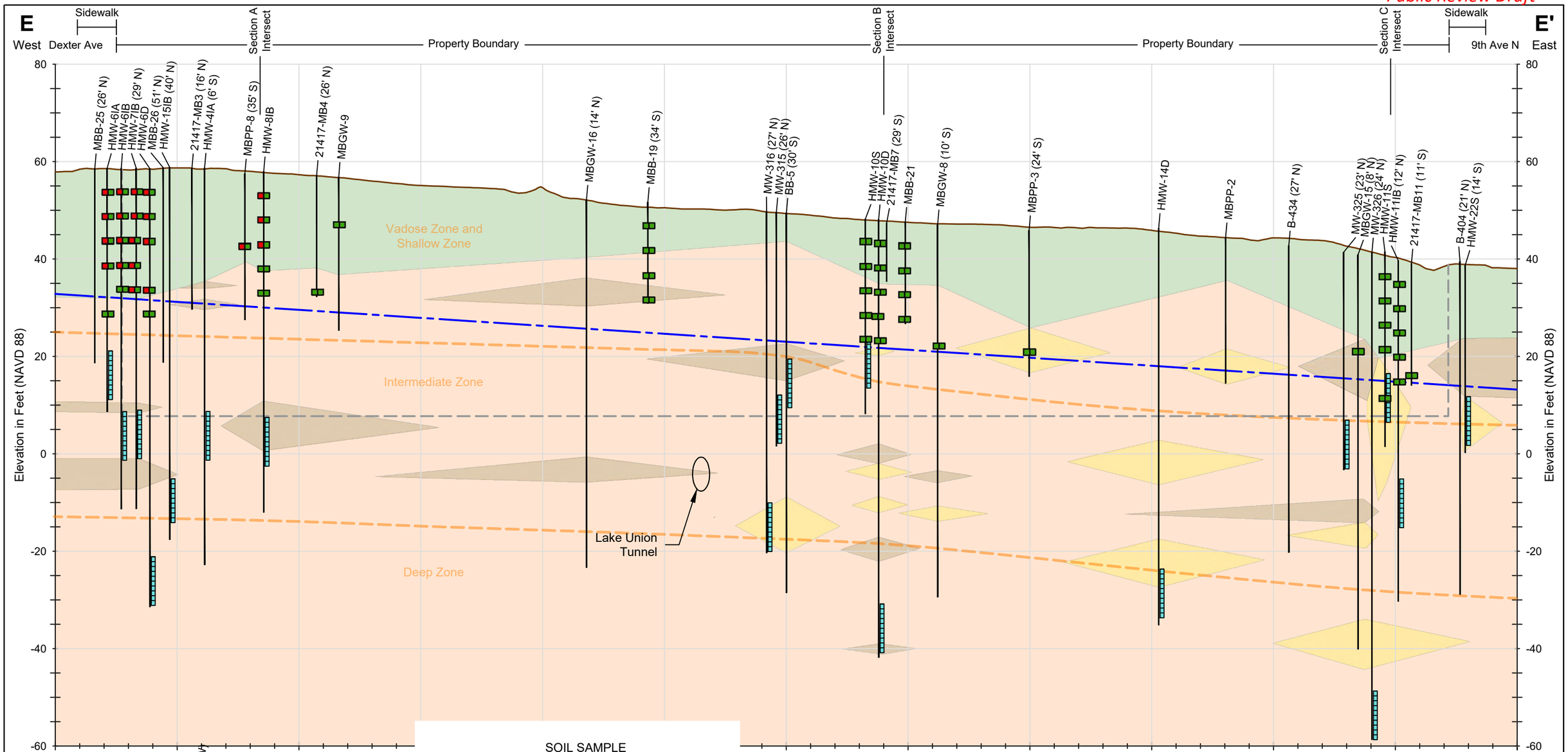
19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-10d

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadD-ChemPlot_AR-LEAD Date: 06-25-2021 Author: mschweitzer

Public Review Draft



Legend

Boring Name with Offset

Boring Location

Approximate Average Water Table (25ft bgs)

MW-1(15' W)

Inferred Groundwater Zone Boundary

Screen Interval

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand

SOIL SAMPLE

Arsenic — Lead

green = Constituent(s) below applicable screening level

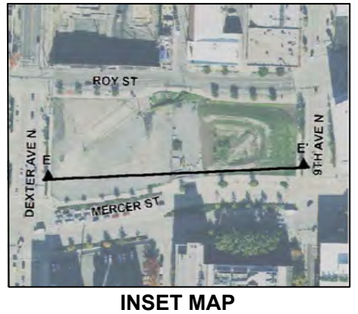
red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact

Explorations HMW-6IA, HMW-6IB, HMW-6D, MBB-26, HMW-15IB, HMW-10S, HMW-11IB, HMW-11S, MBGW-15, and MW-325 have been shifted horizontally for visual clarity.



INSET MAP

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section E-E':
Arsenic and Lead in Soil

19409-04 06/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-10e

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-006 (XSec-Mercer).dwg Layout:RI-SEC_BroadE-ChemPlot_AR-LEAD Date: 06-25-2021 Author: mschweitzer

Public Review Draft

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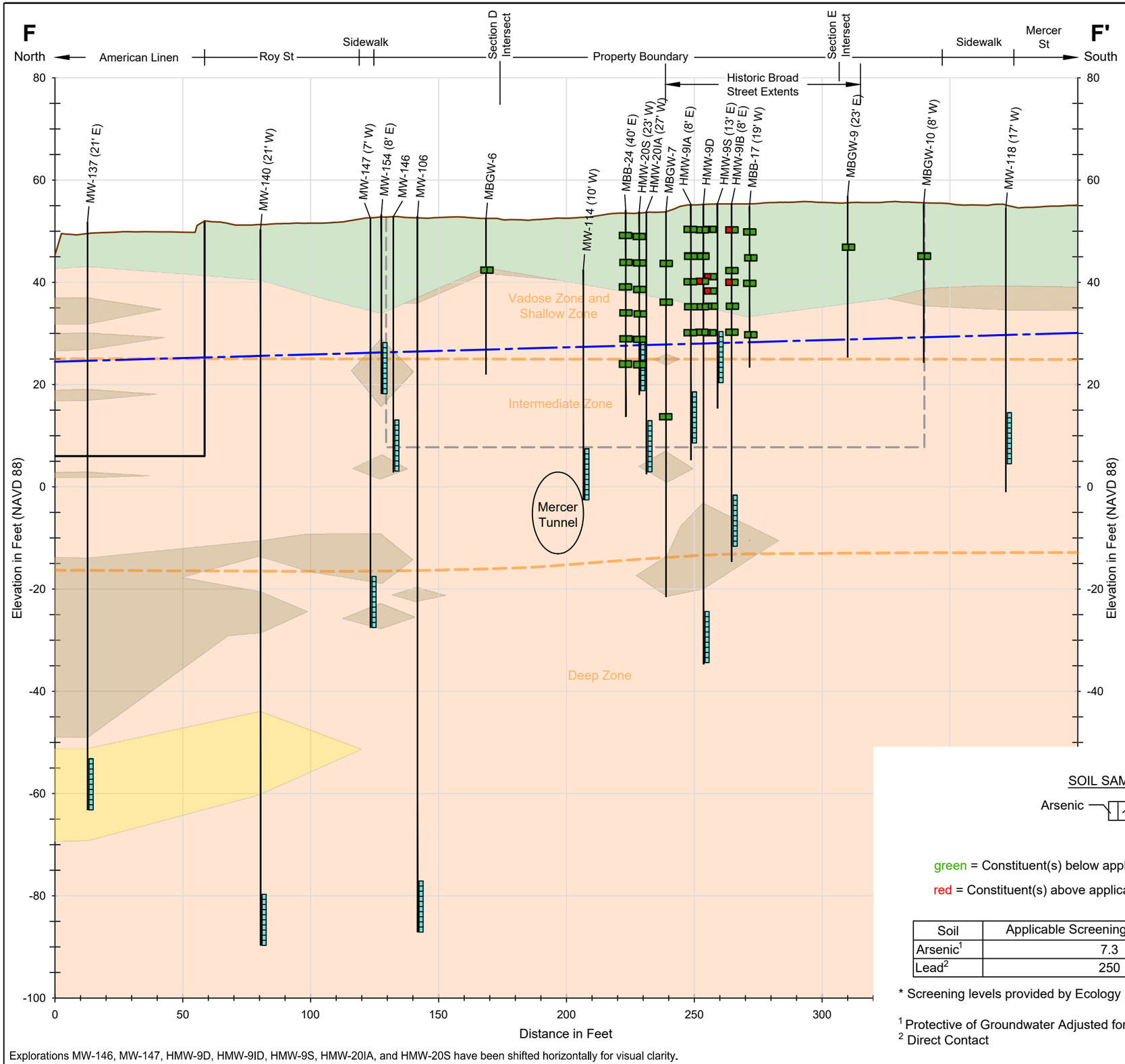
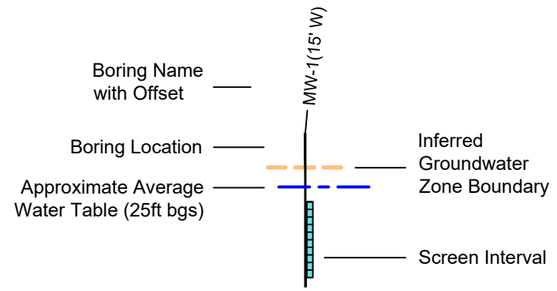


Explorations MW-146, MW-147, HMW-9D, HMW-9ID, HMW-9S, HMW-20IA, and HMW-20S have been shifted horizontally for visual clarity.

Legend

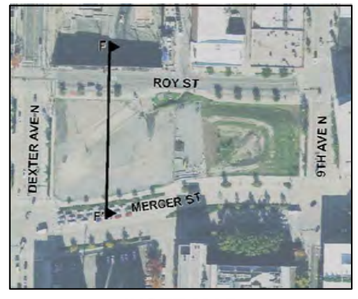


Approximate Limits of Proposed Excavation at Seattle DOT Mercer Parcels Site ("Schematic Design, ARE Mercer Blocks," NBBJ, 04/20/2020)

Approximate Limits of 2020 Building Excavation at American Linen Site

Geologic Units (Predominant Component)

- Fill
- Clean Sand and/or Gravel
- Silty Sand and Silty Gravel
- Silt and/or Clay with or without Sand



INSET MAP

SOIL SAMPLE

Arsenic — Lead

green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

Soil	Applicable Screening Level* (mg/kg)
Arsenic[1]	7.3
Lead[2]	250

* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater Adjusted for Natural Background
[2] Direct Contact

Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Seattle DOT Mercer Parcels Site
Seattle, Washington

COCs, Cross Section F-F': Arsenic and Lead in Soil

19409-04 06/21

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Figure **7-10f**

American Linen Site | Roy Street | Seattle DOT Mercer Parcels Site | 9th Ave N

Former Dry Cleaners

Former Gas Station/ Repair Shop

Old Road Fill

Old Road Fill

Arsenic and Lead Exceedance in Soil

Current Ground Surface

cPAH Impacts

Petroleum Impacts

Fill

Water Table

Vadose Soil

Saturated Soil

Planned Soil Removal Limit

Lead Exceedance in Soil

Groundwater Flow

Dry Cleaning Solvent Plume

Elevation in Feet (NAVD 88)

80 60 40 20 0 -20 -40 -60 -80 -100

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 845

Approximate Distance in Feet

Seattle DOT Mercer Parcels Site
Seattle, Washington

Generalized Diagrammatic Conceptual Cross Section

19409-04 06/21

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Figure **7-11**

L:\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\Illustrator\illustrator_section.ai