PUBLIC REVIEW DRAFT

Remedial Investigation

Seattle DOT Dexter Parcel

615 Dexter Avenue North
Seattle, Washington

Prepared for
SLP 615 Dexter LLC

July 9, 2021
19409-04

HARTCROWSER
A division of Haley & Aldrich

HARTCROWSER

A division of Haley & Aldrich

PUBLIC REVIEW DRAFT

Remedial Investigation

Seattle DOT Dexter Parcel

615 Dexter Avenue North
Seattle, Washington

Prepared for

SLP 615 Dexter LLC

July 9, 2021
19409-04

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 SLP 615 Dexter LLC (SLP), 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 Dexter Parcel site (Site) which is generally located at 615 Dexter Avenue North in Seattle, Washington (Property). The 0.56-acre Property is currently owned by the City of Seattle. SLP 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 150 soil and 30 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 and near the Property is impacted by contamination from historical on-site sources, specifically on and near the southeast corner of the Property where there are localized petroleum-related soil and groundwater impacts, likely related to operations of a former gas/service station.

Gasoline-range organics (GRO) concentrations exceeding screening levels in vadose zone soil are limited to the southeast corner of the Property and adjacent alley, and the impacted areas have been fully delineated. GRO, DRO, and benzene concentrations exceeding screening levels in groundwater are also limited to the southeast corner of the Property and/or adjacent alley, and the impacted areas have been fully delineated.

The Property is planned to be redeveloped, which will include excavation of most of the unsaturated soil within the Property boundary, including all known impacted soil on the Property. 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 to address the contamination in soil and groundwater at the Site.

Contents

TABLES

FIGURES

APPENDIX A1

APPENDIX A2

APPENDIX A3

APPENDIX B

APPENDIX C1

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-1,2-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
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
EPA	U.S. Environmental Protection Agency
FS	Feasibility Study
ft	Feet
GRO	Gasoline-range petroleum hydrocarbons
HO	Heavy oil-range petroleum hydrocarbons
HS	Heavy Sheen
HSA	Hollow stem auger
LNAPL	Light non-aqueous phase liquids
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
ORP	Oxidation-Reduction Potential
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
Phase II	Phase II Environmental Site Assessment
PID	Photoionization detector
PPCD	Prospective Purchaser Consent Decree
ppm	Parts per million
PQL	Practical quantitation limit
PVC	Polyvinyl chloride
REC	Recognized Environmental Condition

RI	Remedial Investigation
ROW	Right of way
SLP	SLP 615 Dexter LLC
SPT	Standard Penetration Test
SS	Slight Sheen
SVOC	Semi-volatile Organic Compound
TCE	Trichloroethene
TEE	Terrestrial Ecological Evaluation
TPH	Total Petroleum Hydrocarbons
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

PUBLIC REVIEW DRAFT

Remedial Investigation

Seattle DOT Dexter Parcel

615 Dexter Avenue North
Seattle, Washington

1.0 INTRODUCTION

On behalf of SLP 615 Dexter LLC (SLP), 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 Dexter Parcel site (Site) which is generally located at 615 Dexter Avenue North in Seattle, Washington (Property). The Property vicinity is shown on Figure 1-1. The Site includes the Property and any off-property areas where any hazardous substance originating on or from the Property has come to be located.

The 0.56-acre Property is currently owned by the City of Seattle. SLP 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. 14785.

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 redevelopment of the Property.

SLP plans to redevelop the Property by demolishing the existing building and constructing a multi-family residential tower with two levels of underground parking. The project will include a mix of units including market rate and income-restricted units ranging from 60% to 85% Area Median Income.

2.0 GENERAL FACILITY INFORMATION AND PROPERTY DESCRIPTION

The Property is located in the South Lake Union neighborhood in Seattle, Washington. The Property is bound by Roy Street to the north, an alley and 601 Dexter Avenue North to the south, Aurora Avenue to the west, and Dexter 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 elevation of the Property ranges from approximately 72 feet (all elevations in this report are referenced to the North American Vertical Datum of 1988 [NAVD88]) on the west to 58 feet on the east. The Property currently contains one warehouse-style building and two parking lots. The current building and adjacent parking lot sit at a higher elevation than the lower, eastern parking area. These topographic

features, surface structures, and other current conditions of the Property and nearby parcels are shown on Figure 2-1.

As detailed in Section 4.2, 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 Site is underlain by thick, unconsolidated glacial deposits consisting predominantly of various mixtures of sand, silt, and gravel. Groundwater is relatively shallow, generally found to depths of approximately 20 to 40 feet below ground surface (bgs), corresponding to approximately elevation 26 to 39 feet. The geology and hydrogeology of the Site is further described in Section 4.0.

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 2019a) summarize the historical use and recognized environmental conditions (RECs) for the Property. Using information in these reports, the known ownership and operational history of the Property is summarized in Table 3-1.

From approximately the end of the 19th century to between 1917 and 1936, residential dwellings were present on the Property. In 1926, the southern half of the existing building was constructed. In approximately 1946, the northern half of the existing building and an additional building adjoining to the east were constructed. Prior to the construction of the additional buildings in 1946, a small gasoline station was located on the eastern portion of the Property from approximately 1930 to the mid-1940s. The main buildings since 1926 have been occupied by a variety of commercial businesses. In 2005, a fire destroyed the eastern building, which was then replaced with a surface parking lot. Currently, the Property is occupied by Copiers Northwest as a storage warehouse and a surface parking lot.

3.2 Potential on-Property Contaminant Sources

Operations on the Property that may have resulted in releases of contaminants are listed below and shown on Figure 3-1.

- A gasoline station with likely auto repair activities, including two fuel dispensers and a grease shed, were located on the east side of the Property from approximately 1930 to the mid-1940s. Leaks and spills from storage tanks and operations could have released gasoline along with possibly diesel fuel, lube oil, 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 toluene), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), and possibly chlorinated solvents used for degreasing (most commonly trichloroethene [TCE]).[2]

- A coated wall board manufacturer (Colotyle Corporation) was located on the entire Property and south of the Property on 601 Dexter Ave North from approximately 1940 to 1955. It is unknown what types of hazardous substances, if any, were used in this facility, but spills could have released paints, coatings, strippers, and thinners. The most common hazardous substances in any such releases would have likely been petroleum-based solvents, chlorinated solvents (most commonly TCE and methylene chloride).[3] It is possible that polychlorinated biphenyls (PCBs) were added to some specialty paints and coatings in this timeframe to improve their performance for use in industrial and/or military applications (e.g., paints manufactured to endure thermal stress, vibration or corrosivity according to EPA 2015).

- A plastic mixing and storage facility also operated in the central area of the Property in approximately 1950, possibly associated with the Colotyle Corporation. The most common hazardous substances in any potential uses or related releases for this facility would have been gasoline- through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and petroleum-based or chlorinated solvents.

- A paint spray booth and woodworking shop were located in the central area of the Property from approximately 1966 to 1969. Spills of product could have released paint, thinners, coatings, or strippers to the soil. The most common hazardous substances in any such releases would have been petroleum-based solvents, chlorinated solvents (most commonly TCE and methylene chloride), and possibly PCBs (to the extent utilized in specialty paints and coatings that may have been stored on the Property).

- Seattle Hardwood Floor Co. occupied the southwest side of the Property from approximately 1935 to 1950. Spills could have released floor coatings, thinners, solvents, or strippers to the soil. The most

[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).

[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).

common hazardous substances in any such releases would have been petroleum-based solvents or chlorinated solvents (most commonly TCE and methylene chloride).

- A boiler and associated coal chute appear to have existed at the southeast corner of the building on the Property. If the boiler had been converted to fuel oil, then it could have released heating oil or bunker oil to the soil via leaks or spills. The most common hazardous substances in such releases would have been diesel- and oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and cPAHs.

- Several residences existed on the Property from at least the late 1800s to between 1917 and 1936. While no records of home heating oil tanks were listed in any documentation, heating oil was a typical source of heat at that time. Additionally, a vent pipe for a potential UST was observed on the north side of the building. Leaks or spills from storage tanks could 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 fire destroyed the former eastern half of the building on the Property (currently the eastern parking lot area) in approximately 2005. Typical hazardous substances due to a fire are cPAHs. However, based on the boring logs in this area (Appendix A), native till was generally shallow and little fill was observed, suggesting there are likely minimal remnants of fire-related fill or debris (and potentially associated cPAHs) beneath the eastern parking lot.

- Fill material from unknown sources was present on the Property, based on field observations during drilling (see Appendix A for boring logs). Potential contaminants in the fill could include motor fuels, oils, demolition-related debris (asphalt, concrete), and metals. The most common hazardous substances in such material are gasoline- through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and toluene), cPAHs, and heavy metals.

3.3 Potential off-Property Contaminant Sources

Current and former operations in the vicinity of the Property that may be potential sources of contamination for the Property are listed below and shown on Figure 3-1.

- Three 1,000-gallon heating oil underground storage tanks (USTs) and one 1,000-gallon bunker oil UST were previously located in the alley directly south of the Property and were reportedly removed in 1997. A Seattle Fire Department document dated 1997 acknowledges that four USTs were pumped and rinsed in 1997 and indicates the USTs were removed at the same time. The previous property owner of 601 Dexter (Copiers Northwest) stated that the four previous USTs located in the alley were removed in 1997 and three of them were empty at the time of removal. Historical leaks from these USTs, if any, could have resulted in petroleum releases of heating oil and bunker oil. The most common hazardous substances in such releases would have been diesel- and oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and cPAHs.

- Four steel "solvent tanks," together totaling 2,000 gallons, were also noted as being present in the alley south of the Property in a 1950 Sanborn map. No further records of solvent USTs were listed in any other documentation, and the status of the tanks is unknown. It is likely that these four USTs are the same as the previously mentioned petroleum USTs described in the previous bullet, as the number and general location of the USTs is the same. If the "solvent" description is accurate, any leaks or spills from these tanks could have released petroleum-based or (potentially) chlorinated solvents to the soil. The most common hazardous substances in such releases would have been gasoline- through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and possibly chlorinated solvents.

- A laundry was located to the south of the Property on the western portion of the adjacent parcel at 601 Dexter Avenue North from approximately the late 1920s to 1940s. Releases could have included fuel oil (for water heating). The most common hazardous substances in such releases would have been diesel- and oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), and cPAHs. While there is no evidence that this laundry conducted dry-cleaning operations, such operations could have released dry-cleaning solvent (tetrachloroethylene or PCE). This site is listed on Ecology's confirmed and suspected contaminated sites list as *601 Dexter* (Cleanup Site ID No. 15113).

- A gasoline station was located to the south of the Property in the southeast portion of 601 Dexter Avenue North (also associated with Cleanup Site ID No. 15113) from approximately 1930 to 1940s. A historical tax document for this property also indicated that garage activities may have also occurred at the same time as the gasoline station at 607 Dexter Avenue North (note - this former address is associated with the property currently known as 601 Dexter Avenue North). Leaks and spills from storage tanks and operations could 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, lead (from leaded gasoline), aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, and possibly chlorinated solvents used for degreasing (most commonly TCE).

- To the northeast 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 this property. The 700 Dexter property has documented releases of petroleum and chlorinated dry-cleaning solvents (primarily PCE) that have caused a large PCE-contaminated groundwater plume extending to the east and southeast, known as the *American Linen Supply Co. Dexter Avenue* site (American Linen site). This site is listed on Ecology's confirmed and suspected contaminated sites list (Cleanup Site ID No. 12004).

- To the north 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 approximately the 1930. 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 could 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[4], 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).

- To the east of the Property at 800 Mercer Street, 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, including gasoline and auto repair stations (1929 to 1960), sign painting and retail painting stores (1944 to 1955 and 1975 to 1996), auto wrecking (1930 to 1955), and a soap manufacturing facility (1925 to 1940). In the 2010s, the Property was used for construction staging. Currently, the Property is vacant. The most common hazardous substances in any potential releases from this property would have likely been gasoline-through heavy-oil-range petroleum hydrocarbons, aromatic compounds (e.g., benzene, toluene, ethylbenzene, and xylenes), cPAHs, chlorinated solvents (most commonly methylene chloride and TCE), and metals (e.g., lead from leaded gasoline or lead-acid batteries). An RI was recently completed for this site, which identified gasoline-range petroleum hydrocarbons, cPAHs, arsenic, and lead as proposed constituents of concern in soil and gasoline- and diesel-range petroleum hydrocarbons and benzene as proposed constituents of concern in groundwater (Hart Crowser 2021). This site is listed on Ecology's confirmed and suspected contaminated sites list as *Seattle DOT Mercer Parcels* (Cleanup Site ID No. 14784).

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 and 4-2b). Data and interpretations developed by others is also included and referenced.

[4] 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.

4.1 Stratigraphy

Soil encountered beneath the Property consists of fill and 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. Geologic cross-sections are provided on Figures 4-2a through 4-2b. Brief summaries of the identified geological units are presented below.

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. Fill depths of up to 8 feet bgs, corresponding to approximately elevation 48 feet, were observed in borings on the southeast (DGW-3, DMW-2S, and DMW-4S), southwest (DGW-4 and DMW-5IA), north (DPP-1 and DMW-6), and south-central (DPP-4) areas of the Property. No other deposits interpreted as fill were encountered in other borings at the Property.

Silt and/or Clay with or without Sand. Silt and clay deposits comprise of silt and clay units with and without sand. These deposits were observed in borings on the west and east portions of the Property. On the southeastern side of the Property, silt and sandy silt were observed in DGW-3 from 5 to 16 feet bgs (approximately 31 to 42 feet elevation) intermitted with poorly graded sand and silty sand. On the southwestern side of the Property, silt and silt with sand were observed in DGW-4 from 6 to 7.5, 15 to 16, and 35 to 40 feet bgs (approximately 57.6 to 59, 49 to 50, and 25 to 30 feet elevation), intermitted with silty sand, silty gravel, and clean sand/gravel.

Silty Sand and Silty Gravel. Deposits comprised of glacial till and ice contact deposits were observed underlying the Property. The deposits are composed of dense to very dense silty sand to silty sand with gravel. Interbedded in these deposits are layers of poorly graded sand, sandy silt, and silt. Varying degrees of gravel and cobbles were observed. All explorations at the Property were advanced in this material to the bottom of the borings—ranging from 10 to 70.3 feet bgs (approximately 49 to -8 feet elevation).

Clean Sand and/or Gravel. Clean sand and gravel deposits were observed intermittently and minimally 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. Poorly graded sands were observed in borings HC-1, DPP-2, and DGW-3, in the eastern portion of the southern edge of the Property, from 5 to 7.5, 6 to 9, and 11 to 13 feet bgs (approximately 24 to 26.5, 50 to 53, and 34 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.

Groundwater encountered at the Site has been relatively shallow, generally found to depths of approximately 21 to 33 feet bgs (approximately elevation 27 to 40 feet) and is unconfined in the fill and upper portion of the glacial till/ice-contact deposits (referred to in this report as shallow depth groundwater). Groundwater encountered at depths of approximately 23 to 44 feet bgs (approximately

elevation 26 to 36 feet) is in a dense to very dense, unconfined water-bearing zone in the glacial till/ice-contact deposits (referred to in this report as intermediate depth groundwater).[5]

4.2.1 Slug Testing

A summary of slug testing results is provided in Table 4-1. Slug test hydrographs are presented in Appendix B. The results of the falling and rising head tests are consistent for each well. The geometric mean hydraulic conductivities for each of the aquifer zones are as listed below:

- Shallow depth: 2.3×10^{-5} to 9.9×10^{-5} centimeters per second (cm/sec) (0.1 to 0.3 feet per day [ft/day]).
- Intermediate depth: 1.8×10^{-4} to 2.2×10^{-4} cm/sec (0.5 to 0.6 ft/day).

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

4.2.2 Groundwater Level Measurements

Groundwater elevation levels were measured manually in available wells on and adjacent to the Property in 2019, 2020, and 2021. Groundwater level measurements are summarized in Table 4-2.

The depth to water ranged from 20.88 to 32.80 feet in the shallow depth wells and 22.90 to 43.76 feet in the intermediate depth wells. Groundwater elevations varied from 27.06 to 40.06 feet in shallow depth wells and 25.99 to 36.19 feet in intermediate depth wells.

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 47 feet to 33 feet, west to east. We estimated this value by taking the average depth-to-water observed in those wells whose screens intersect or nearly intersect the water table (i.e., wells DMW-1S, DMW-2S, DMW-4S, DMW-6, and MW-305). 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 presence of vertical gradients, so were not used in this analysis. Using this approach resulted in an average value of 25 feet, rounded to the nearest foot, using the measurements in the five wells previously noted between March 21, 2019, and February 1, 2021 (Table 4-2).

[5] MW-307, which was installed by PES as part of the American Linen site investigation, is significantly deeper than the other wells at the Site and its groundwater depth is excluded from this summary and other discussions on groundwater depth in this report. Its groundwater level measurements are summarized in Table 4-2. Additionally, some wells (e.g., DMW-10S through DMW-13S) monitor water quality conditions in the lower part of the shallow zone and the upper part of the intermediate zone because their screens span both zones. We used professional judgement to assign wells DMW-10S and DMW-11S to the shallow zone and DMW-12S and DMW-13S to the intermediate zone because their water levels were most consistent with nearby wells assigned to the same unit. DMW-14S was incorrectly labeled as a shallower well but represents the intermediate groundwater.

All water level measurements except for two measurements in March 2019 from DMW-1S were collected while temporary construction dewatering was occurring at nearby sites—including 700 Dexter, approximately 120 feet northeast of the Property, from June 2019 to July 2020 and Block 38 West, generally located at 500 to 536 Westlake Avenue North and approximately 1,100 feet southeast of the Property, from January 2020 to late March 2021. However, 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.

The data shown in Table 4-2 demonstrates that groundwater elevation generally increases from fall to spring and decreases from spring to fall. Groundwater levels in DMW-1S decreased by 4.0 feet between March and December 2019, increased 2.5 feet from December 2019 to March 2020, and decreased by 0.93 feet between March and May 2020, also showing an overall decreasing trend. Water levels increased in MW-305, MW-306, and MW-307 from October 2019 to January 2020 by 0.1 to 0.4 feet. Water levels increased by 0.9 to 4.0 feet in MW-305 and MW-306 between January and March 2020, while decreased 1.8 feet in MW-307. Water levels decreased by 0.54 to 1.43 feet in MW-305, MW-306, and MW-307 between March and May 2020. As noted above, only two water level measurements were conducted when construction dewatering at 700 Dexter and/or Block 38 West was not occurring (in March 2019 from DMW-1S). Therefore, effects of construction dewatering at 700 Dexter and Block 38 West (if any) cannot be distinguished from seasonal variation.

The data from the synoptic measurement events demonstrate a general groundwater flow direction to the east and southeast. The inferred groundwater flow direction is consistent with topographic gradient and the flow direction observed in adjacent sites (SoundEarth Strategies 2013; PES Environmental 2018). Figures 4-3a and 4-3b show groundwater elevation contours and horizontal flow directions based on groundwater levels measured in March 2020 and May 2020.[6] These groundwater level measurement events in March 2020 and May 2020 were conducted while dewatering was occurring at 700 Dexter and Block 38 West. Dewatering may affect groundwater levels and flow directions. However, as stated above, the potential dewatering impacts (if any) from 700 Dexter and Block 38 West cannot be determined.

Vertical hydraulic gradients were derived from groundwater elevations in grouped wells near the northeast corner of the Property (MW-305, MW-306, and MW-307) and show groundwater flows downward, from shallow depths toward deeper depths. Vertical gradient values vary from 0.11 foot per foot (ft/ft) to 0.47 ft/ft between the shallow and intermediate well depths (Appendix B). While there are no other well pairs or groups on the Site, comparison of inferred groundwater elevation contours shown on Figures 4-3a and 4-3b suggest that a downward gradient is present throughout the eastern portion of

[6] Figures 4-3a and 4-3b show groundwater elevations separately for wells screened at shallower depths within the aquifer and those screened deeper. This is necessary to meaningfully portray groundwater flow directions in situations where there are significant vertical gradients as at this site. Well MW-307, which was installed by PES as part of the American Linen site investigation, is significantly deeper than the other wells at the Site and so is not used to construct groundwater contours on Figures 4-3a and 4-3b.

Property. There is no water level data from the western part of the Property; however, given the small size of the parcel, we suspect there is a downward gradient there as well.

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 and adjacent properties. 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 and from potential nearby, off-site releases, 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 (may have been utilized in specialty paints and coatings that may have been stored or sold on the Property).
- Chlorinated volatile organic compounds (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 on 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 to February 1971, Shannon & Wilson conducted a comprehensive foundation investigation in the rights-of-way north and south of the Property for proposed property redevelopment (Shannon & Wilson, 1971). During the investigation, ten soil borings were advanced for geotechnical purposes, but only two soil borings (B-309 and B-320) are close enough to the Property to be relevant to our investigation. Boring B-309 was drilled in the right-of-way on Roy Street to the north of the Property. Boring B-320 was drilled in the right-of-way on Mercer Street to the south of the Property. There is no

record of chemical analysis from this investigation. There were no indications of environmental impacts (e.g., odors, staining) noted on the two 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 geologic cross-sections.

5.1.2 Black & Veatch (1997)

From June to November 1997, Black & Veatch conducted a Phase II Environmental Site Assessment (Phase II) in the right-of-way east of the Property for the Denny Way/Lake Union Combined Sewer Overflow (CSO) Project (Black & Veatch, 1998). This assessment was conducted to document environmental conditions in the vicinity of the planned underground CSO infrastructure. Eighty-nine explorations were completed, of which one monitoring well was installed in the Dexter Avenue North right-of-way east of the Property (BB-10). Additional explorations were advanced for geotechnical and environmental purposes as part of the design of the CSO project in areas outside the vicinity of the Property.

Soil samples were collected from BB-10 between 15 and 17 feet bgs, corresponding to between 42.4- and 40.4-feet elevation, and analyzed for total petroleum hydrocarbons (TPH) as gasoline-range organics (GRO), diesel-range organics (DRO), and heavy oil-range organics (HO), and all results were non-detect at the laboratory reporting limits.

A groundwater sample was also collected from BB-10 and analyzed for GRO, DRO, HO, BTEX, and chlorinated volatile organic compounds (VOCs), and all results were non-detect at the laboratory reporting limits.

5.1.3 Shannon & Wilson (2012)

From April to May 2012, Shannon & Wilson completed three borings (GP-7 through GP9) in the Dexter Avenue North right-of-way east of the Property and three borings (GP-14, GP-17, and GP-20) in the Aurora Avenue North right-of-way west of the Property as part of a larger investigation to document environmental conditions in the vicinity of the planned Mercer Corridor Expansion Project (Shannon & Wilson, 2012).

Soil samples were collected from the borings between 0 and 19 feet bgs (approximately elevation 44 to 71 feet) and analyzed for one or more of: GRO, DRO, HO, BTEX, and metals. Results show detections above the laboratory reporting limits of:

- Lead at concentrations ranging from 1.56 to 4.19 milligrams per kilogram (mg/kg) (maximum in GP-7 from 0 to 7 feet bgs or approximately elevation 58.5 to 51.5 feet).
- Arsenic at concentrations from 2.45 to 5.79 mg/kg (maximum in GP-17 from 0 to 8 feet bgs or approximately elevation 70.4 to 62.4 feet).
- Chromium at concentrations from 29.9 to 60.4 mg/kg (maximum in GP-20 from 0 to 8 feet bgs or approximately elevation 71 to 63 feet).

GRO, DRO, HO, and BTEX results were all non-detect at the laboratory reporting limits. No groundwater samples were collected from these borings.

5.1.4 SoundEarth Strategies (2012-2013)

From July 2012 to March 2013, SoundEarth Strategies conducted investigations to delineate the nature and extent of contamination from past releases of dry-cleaning solvent and petroleum from the American Linen site (SoundEarth Strategies, 2013). Work included the advancement of a monitoring well (MW-117) in the Dexter Avenue North right-of-way east of the Property.

Soil samples were collected from MW-117 in February 2013 between 10 and 50 feet bgs (approximately elevation 47.78 to 7.78 feet) and analyzed for select VOCs, including CVOCs, and all results were non-detect at the laboratory reporting limits.

Groundwater samples were collected from MW-117 in February and December 2013 and analyzed for GRO, DRO, HO, and/or VOCs, including BTEX compounds and CVOCs, and all results were non-detect at the laboratory reporting limits. Monitoring well MW-117 was destroyed after the December 2013 sampling event.

5.1.5 Shannon & Wilson (2017)

In April and May 2017, Shannon & Wilson conducted a limited Phase II on the Property and the alley south of the Property to characterize environmental conditions for future redevelopment (Shannon & Wilson, 2018b). Seven push-probe explorations (21417-GP1 through 21417-GP7) were advanced to depths ranging from 15 to 30 feet bgs. Ten soil and three grab groundwater samples (from 21417-GP1, 21417-GP3, and 21417-GP4) were analyzed for petroleum hydrocarbons, metals, VOCs, and/or semi-volatile organic compounds (SVOCs) (Shannon & Wilson 2018b).

Soil samples were collected from depths between 1 and 25 feet bgs (approximately elevation 40.36 to 65.2 feet), and results showed detections above the laboratory reporting limits of:

- HO in one sample at 99.2 mg/kg (in 21417-GP7 at 2 feet bgs or approximate elevation 64.5 feet).
- GRO at concentrations ranging from 14.6 to 269 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- Ethylbenzene at concentrations from 0.0414 to 0.456 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- Xylenes at concentrations from 0.0607 to 0.551 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- n-Propylbenzene at concentrations from 0.0368 to 0.416 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- 1,2,4-Trimethylbenzene at concentrations from 0.146 to 1.61 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- n-Butylbenzene in one sample at 0.483 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- 1,3,5-Trimethylbenzene in one sample at 0.741 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- 2-Phenylbutane (sec-butylbenzene) in one sample at 0.25 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).

- Isopropyltoluene in one sample at 0.406 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- 2-Chlorotoluene in one sample at 0.171 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- tert-Butylbenzene in one sample at 0.0237 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- Isopropylbenzene (cumene) in one sample at 0.242 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- Arsenic at concentrations from 1.99 to 4.6 mg/kg (maximum in 21417-GP5 at 1-foot bgs or approximate elevation 65.2 feet).
- Barium at concentrations from 23.6 to 81.8 mg/kg (maximum in 21417-GP5 at 1-foot bgs or approximate elevation 65.2 feet).
- Chromium at concentrations from 21.3 to 39.1 mg/kg (maximum in 21417-GP5 at 1-foot bgs or approximate elevation 65.2 feet).
- Lead at concentrations from 1.08 to 20.7 mg/kg (maximum in 21417-GP5 at 1-foot bgs or approximate elevation 65.2 feet).
- Selenium at concentrations from 0.691 to 1.38 mg/kg (maximum in 21417-GP5 at 1-foot bgs or approximate elevation 65.2 feet).
- Naphthalene at concentrations from 0.106 to 0.894 mg/kg (maximum in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).[7]
- Naphthalene in one sample at 0.414 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).[8]
- 1-Methylnaphthalene in one sample at 0.112 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).
- 2-Methylnaphthalene in one sample at 0.279 mg/kg (in 21417-GP4 at 15 feet bgs or approximate elevation 40.8 feet).

In groundwater samples, results showed detections above the laboratory reporting limits of:

- GRO in one sample at a concentration of 4,830 micrograms per liter (µg/L) (in 21417-GP4).
- Ethylbenzene in one sample at 94.3 µg/L (in 21417-GP4).
- Toluene in one sample at 1.15 µg/L (in 21417-GP4).
- Xylenes in one sample at 131 µg/L (in 21417-GP4).
- Dissolved nickel in one sample at 4.41 µg/L (in 21417-GP3).
- Dissolved antimony in one sample at 0.7 µg/L (in 21417-GP3).
- Total lead in one sample at 1.15 µg/L (in 21417-GP3).
- Total nickel in one sample at 19.3 µg/L (in 21417-GP3).

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

- Total antimony in one sample at 0.252 µg/L (in 21417-GP3).
- Total arsenic in one sample at 1.25 µg/L (in 21417-GP3).
- Total chromium in one sample at 24 µg/L (in 21417-GP3).
- Total copper in one sample at 9.86 µg/L (in 21417-GP3).
- Total zinc in one sample at 13.5 µg/L (in 21417-GP3).
- Naphthalene in one sample at 96.1 µg/L (in 21417-GP4).[9]
- n-Propylbenzene in one sample at 33 µg/L (in 21417-GP4).
- n-Butylbenzene in one sample at 15 µg/L (in 21417-GP4).
- 1,3,5-Trimethylbenzene in one sample at 60 µg/L (in 21417-GP4).
- 2-Phenylbutane (sec-butylbenzene) in one sample at 10.6 µg/L (in 21417-GP4).
- Isopropyltoluene in one sample at 17.2 µg/L (in 21417-GP4).
- 2-Chlorotoluene in one sample at 13.7 µg/L (in 21417-GP4).
- 1,2,4-Trimethylbenzene in one sample at 198 µg/L (in 21417-GP4).
- Isopropylbenzene (cumene) in one sample at 29.2 µg/L (in 21417-GP4).

5.1.6 PES Environmental (2017-2020)

From August 2017 to October 2019, PES Environmental conducted field work as part of a Remedial Investigation for the American Linen site to characterize the nature and extent of the CVOC contamination. PES Environmental advanced a number of wells upgradient of the American Linen site, including three monitoring wells (MW-305, MW-306, and MW-307) drilled and screened at different depths in the Roy Street right-of-way near the northeast corner of the Property (PES Environmental 2019 and PES Environmental 2020).

Soil samples were collected from the deepest boring (MW-307) from 6 to 85 feet bgs (approximately elevation 54.3 to -24.7 feet) and analyzed for VOCs. Results showed detections above the laboratory reporting limits of:

- 1,2,4-Trimethylbenzene at concentrations ranging from 0.00182 to 0.00355 mg/kg (maximum at 65 feet bgs or approximate elevation -4.71 feet).
- Acetone at concentrations from 0.0164 to 0.0867 mg/kg (maximum at 65 feet bgs or approximate elevation -4.71 feet).
- Benzene at concentrations from 0.000462 to 0.000836 mg/kg (maximum at 85 feet bgs or approximate elevation -24.71 feet).
- Carbon disulfide in one sample at 0.00864 mg/kg (at 85 feet bgs or approximate elevation -24.71 feet).
- Chloroform (trichloromethane) at concentrations from 0.000452 to 0.000843 mg/kg (maximum at 10 feet bgs or approximate elevation 50.29 feet).
- Ethylbenzene at concentrations from 0.000603 to 0.00148 mg/kg (maximum at 65 feet bgs or approximate elevation -4.71 feet).

[9] Naphthalene was only analyzed by VOC method 8260C. This data is presented in Table 5-12.

- Hexane at concentrations from 0.0099 to 0.0315 mg/kg (maximum at 80 feet bgs or approximate elevation -19.71 feet).
- 2-Butanone (methyl ethyl ketone) at concentrations from 0.0139 to 0.0314 mg/kg (maximum at 85 feet bgs or approximate elevation -24.71 feet).
- Methyl tert-butyl ether at concentrations from 0.000366 to 0.000604 mg/kg (maximum at 10 feet bgs or approximate elevation 50.29 feet).
- Toluene at concentrations from 0.00403 to 0.0687 mg/kg (maximum at 65 feet bgs or approximate elevation -4.71 feet).

Groundwater samples were collected from all three wells in October 2019, January 2020, and April 2020 and analyzed for VOCs and GRO (PES Environmental 2020; April 2020 data provided by BMR-Dexter, LLC). Results showed detections above the laboratory reporting limits of:

- GRO at concentrations ranging from 42.7 to 146 µg/L (maximum in MW-307 in April 2020).
- Benzene in one sample at 0.172 µg/L (in MW-307 in April 2020).
- Toluene at concentrations from 0.452 to 1.05 µg/L (maximum in MW-307 in October 2019).
- cis-1,2-Dichloroethene at concentrations from 0.172 to 0.935 µg/L (maximum in MW-307 in October 2019).
- Vinyl chloride in one sample at 0.289 µg/L (in MW-307 in October 2019).
- Carbon tetrachloride at concentrations from 0.273 to 6.95 µg/L (maximum in MW-307 in April 2020).
- Acetone at concentrations from 1.17 to 1.22 µg/L (maximum in MW-307 in January 2020).

5.1.7 Hart Crowser (2019)

In April 2019, Hart Crowser conducted a Phase II to support future redevelopment at 601 Dexter Avenue North, located south of the Property (Hart Crowser, 2019b). Six soil borings (HC-1, HC-2, HC-3, HC-4, HC-5, and MW-1) were advanced, one of which (HC-4) was completed as a monitoring well.

Soil samples were collected from depths between 5 and 35 feet bgs (approximately elevation 57.5 to 25.2 feet) and analyzed for GRO, DRO, HO, VOCs, PAHs, metals, and/or PCBs. Results showed detections above the laboratory reporting limits of:

- GRO at concentrations ranging from 9.8 to 290 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- Ethylbenzene at concentrations from 0.22 to 0.84 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- Xylenes at concentrations from 0.19 to 0.62 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- 1,3,5-Trimethylbenzene at concentrations from 0.18 to 1.9 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- 1,2,4-Trimethylbenzene at concentrations from 0.37 to 2.8 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- 2-Phenylbutane (sec-butylbenzene) at concentrations from 0.1 to 0.66 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).

- Isopropylbenzene (cumene) at concentrations from 0.079 to 0.66 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- Isopropyltoluene at concentrations from 0.16 to 1 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- n-Butylbenzene at concentrations from 0.17 to 1 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- n-Propylbenzene at concentrations from 0.32 to 1.4 mg/kg (maximum in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).
- Chromium in one sample at 1.2 mg/kg (in HC-1 at 7.5 feet bgs or approximate elevation 54.8 feet).
- Lead in one sample at 1.2 mg/kg (in HC-1 at 25 feet bgs or approximate elevation 37.3 feet).

Two groundwater samples were collected—one grab sample from boring HC-1 and a groundwater sample collected from monitoring well HC-4—and analyzed for GRO, DRO, HO, VOCs, PAHs, total metals, and/or dissolved metals. Results showed detections above the laboratory reporting limits of:

- GRO in one sample at 6,900 µg/L (in HC-1).
- Ethylbenzene in one sample at 25 µg/L (in HC-1).
- Xylenes in one sample at 11 µg/L (in HC-1).
- n-Propylbenzene in one sample at 51 µg/L (in HC-1).
- n-Butylbenzene in one sample at 12 µg/L (in HC-1).
- 1,3,5-Trimethylbenzene in one sample at 81 µg/L (in HC-1).
- 2-Phenylbutane (sec-butylbenzene) in one sample at 12 µg/L (in HC-1).
- Isopropyltoluene in one sample at 19 µg/L (in HC-1).
- 1,2,4-Trimethylbenzene in one sample at 150 µg/L (in HC-1).
- tert-Butylbenzene in one sample at 1.1 µg/L (in HC-1).
- Isopropylbenzene (cumene) in one sample at 37 µg/L (in HC-1).
- Cymene (p-isopropyltoluene) in one sample at 1 µg/L (in HC-1).
- Total lead at concentrations ranging from 2 to 6 µg/L (maximum in HC-1).

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 input (both formal and informal) 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 investigation activities performed during 2019 and 2020 are described below.

5.2.1 Soil Characterization

Hart Crowser completed 11 explorations in March 2019 (DGW-1 through DGW-4, DPP-1 through DPP-6, and DMW-1S), 5 explorations in February and March 2020 (DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, and DMW-6), and 8 explorations in October 2020 (DMW-7S through DMW-14S) as part of the RI. Exploration depths ranged from 10 to 70 feet bgs (elevation 56 to -8 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 to 2020 consisted of 6 push-probe and 18 hollow-stem auger (HSA) 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 general accordance with American Society for Testing and Materials (ASTM) 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 rigs were used where exploration depths were greater and/or a monitoring well was to be installed and for explorations where geotechnical information (e.g., standard penetration tests) was needed for use by others in addition to collecting environmental characterization data. 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.

Push-Probe Explorations. Push-probe explorations were advanced to depths ranging from 10 to 25 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 2.5- to 5-foot intervals to the bottom of the borings.

Hollow-Stem Auger Explorations. HSA explorations were advanced to depths ranging from 30 to 70 feet using a 4-inch inside diameter HSA with a truck- or track-mounted drill rig. Soil samples were collected from each exploration location at 2.5-, 5-, or 10-foot intervals to either 25 feet bgs or 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.

5.2.1.2 Soil Screening and Sampling Procedures

In general, soil samples were collected at regular, pre-determined depths for chemical analysis to ensure comprehensive, representational coverage of the subsurface soil at the site. In addition, field screening results were used as a general guideline to identify additional samples to be analyzed for potential chemical constituents in soil samples (e.g., the sample with the most sheen or odor in a boring would generally be submitted 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 139 soil samples were retained for laboratory analysis from 23 of the explorations (see Table 5-3 for sampled locations and depths). One field duplicate sample was also collected and submitted to the laboratory for quality control purposes. Soil samples were collected directly from the split-spoon sampler or acetate liner using 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 unpreserved 40 milliliter (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), SVOCs, VOCs, 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.
- VOCs, including BTEX and CVOCs, by EPA method 8260B/8260C/8260D and/or 8021B.
- PCBs by EPA method 8082A.
- Inorganic compounds (total metals, including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and/or silver) by EPA method 6020B/200.8/7470A.

Of the 139 soil samples collected, 123 were analyzed for GRO, 127 were analyzed for DRO/HO, 8 were analyzed for SVOCs including cPAHs, 66 were analyzed for VOCs including BTEX and CVOCs (72 additional samples were analyzed for BTEX only), 52 were analyzed for PCBs, and 47 were analyzed for inorganic compounds (i.e., metals).

The analyses performed on soil samples are summarized in Table 5-3 and results are summarized in Tables 5-4 through 5-8. 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.

5.2.1.4 Soil Analytical Results

The following is a summary of analytical results for soil samples collected during the 2019 and 2020 RI activities.

Total Petroleum Hydrocarbons

Gasoline Range Organics were detected above the laboratory reporting limits in 5 of the 123 samples analyzed. Detected concentrations ranged from 29 mg/kg to 1,200 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

Diesel Range Organics and Heavy Oils were not detected at or above the laboratory reporting limits in any of the 128 samples analyzed.

SVOCs

Benz[a]anthracene was detected above the laboratory reporting limits in 1 of 8 samples analyzed. The detected concentration was 0.012 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Benzo(a)pyrene was detected above the laboratory reporting limits in 1 of 8 samples analyzed. The detected concentration was 0.01 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Benzo(b)fluoranthene was detected above the laboratory reporting limits in 1 of 8 samples analyzed. The detected concentration was 0.015 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Chrysene was detected above the laboratory reporting limits in 1 of 8 samples analyzed. The detected concentration was 0.015 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Fluoranthene was detected above the laboratory reporting limits in 1 of 8 samples analyzed. The detected concentration was 0.025 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Naphthalene was detected above the laboratory reporting limits in 1 of 8 samples analyzed.[10] The detected concentration was 0.014 mg/kg, reported in the 25-foot depth (approximately 36.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Pyrene was detected above the laboratory reporting limits in 1 of 8 samples analyzed (8 percent of the samples). The detected concentration was 0.023 mg/kg, reported in the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast 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. Of the 8 samples analyzed, only the 5-foot depth (approximately 56.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property, contained detectable cPAHs above the laboratory reporting limits. The cPAHs-TEQ for that sample was 0.014 mg/kg.

[10] 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.

No other SVOC compounds were detected at or above the laboratory reporting limits in any of the samples analyzed.

VOCs

Ethylbenzene was detected above the laboratory reporting limits in 5 of the 138 samples analyzed. Detected concentrations ranged from 0.026 mg/kg to 2.1 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

Toluene was detected above the laboratory reporting limits in 2 of the 138 samples analyzed. Detected concentrations ranged from 0.025 mg/kg to 0.046 mg/kg. The highest concentration was reported in the 25-foot depth (approximately 36.8 feet elevation) sample from the boring for monitoring well DMW-4S, which is located southeast of the Property.

Xylenes (sum of m,p-xylene and o-xylene) were detected above the laboratory reporting limits in 3 of the 138 samples analyzed. Detected concentrations ranged from 0.071 mg/kg to 4.4 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

1,2,4-Trimethylbenzene was detected above the laboratory reporting limits in 5 of 66 samples analyzed. Detected concentrations ranged from 0.016 mg/kg to 13 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

1,3,5-Trimethylbenzene was detected above the laboratory reporting limits in 3 of 45 samples analyzed. Detected concentrations ranged from 0.19 mg/kg to 6.2 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

Isopropyltoluene was detected above the laboratory reporting limits in 3 of 45 samples analyzed. Detected concentrations ranged from 0.12 mg/kg to 3.2 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

Isopropylbenzene (cumene) was detected above the laboratory reporting limits in 2 of 45 samples analyzed. Detected concentrations ranged from 0.12 mg/kg to 1.5 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

n-Butylbenzene was detected above the laboratory reporting limits in 3 of 45 samples analyzed. Detected concentrations ranged from 0.18 mg/kg to 0.82 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

n-Propylbenzene was detected above the laboratory reporting limits in 3 of 45 samples analyzed. Detected concentrations ranged from 0.11 mg/kg to 3.2 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

2-Phenylbutane (sec-butylbenzene) was detected above the laboratory reporting limits in 3 of 45 samples analyzed. Detected concentrations ranged from 0.071 mg/kg to 1.9 mg/kg. The highest concentration was reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

tert-Butylbenzene was detected above the laboratory reporting limits in 1 of 45 samples analyzed. The detected concentration was 0.105 mg/kg, reported in the 12.5-foot depth (approximately 43.4 feet elevation) sample from the boring for monitoring well DMW-1S, which is located in the southeast corner of the Property.

No other VOCs, including CVOCs (PCE, TCE, and related daughter products), were detected at or above the laboratory reporting limits in any of the samples analyzed.

PCBs

Aroclor 1248 was detected above the laboratory reporting limits in 1 of 52 samples analyzed. The detected concentration was 0.024 mg/kg, reported in the 10-foot depth (approximately 56.3 feet elevation) sample from the boring for monitoring well DMW-13S, which is located in the alley south of the Property.

No other PCBs were detected at or above the laboratory reporting limits in any of the samples analyzed.

Inorganic Compounds

Arsenic was detected above laboratory reporting limits in 21 of 47 samples analyzed. Detected concentrations ranged from 1.18 mg/kg to 3 mg/kg. The highest concentration was reported in the 10-foot depth (approximately 59.5 feet elevation) sample from the boring for monitoring well DMW-5IA, which is located southwest of the Property.

Barium was detected above laboratory reporting limits in 26 of 26 samples analyzed. Detected concentrations ranged from 28 mg/kg to 89 mg/kg. The highest concentration was reported in the 35-foot depth (approximately 34.9 feet elevation) sample from the boring DGW-4, which is located southwest of the Property.

Chromium was detected above laboratory reporting limits in 47 of 47 samples analyzed. Detected concentrations ranged from 12 mg/kg to 67 mg/kg. The highest concentration was reported in the 35-foot depth (approximately 34.9 feet elevation) sample from the boring DGW-4, which is located southwest of the Property.

Lead was detected above laboratory reporting limits in 22 of 47 samples analyzed. Detected concentrations ranged from 1.11 mg/kg to 27 mg/kg. The highest concentration was reported in the

15-foot depth (approximately 54.9 feet elevation) sample from the boring DGW-4, which is located southwest of the Property.

No other inorganic compounds were detected at or above the laboratory reporting limits in any of the samples analyzed.

5.2.2 Groundwater Characterization

5.2.2.1 Monitoring Well Installation, Development, and Surveying

Hart Crowser completed 14 explorations (DMW-1S, DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, DMW-6, and DMW-7S through DMW-14S) as monitoring wells as 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 10-foot screen were used for the well casings and screens. The well screen and casing riser were lowered down through the HSA. As the auger 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. The 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, Anderson Environmental Contracting, LLC, or Holt Services, Inc. conducted the well development. Well DMW-1S was developed on March 20, 2019. Wells DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, and DMW-6 were developed on March 6, 2020. Wells DMW-7S through DMW-14S were developed on October 21 through 30, 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 well DMW-1S. In March 2020, Bush, Roed & Hitchings, Inc. surveyed wells DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, DMW-6, and off property well MW-305. In November 2020, Bush, Roed & Hitchings, Inc. surveyed wells DMW-7S through DMW-14S. 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 D.

5.2.2.2 Groundwater Sampling Procedures

Groundwater samples were collected from select soil 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 were collected from borings DGW-1 through DGW-4 and DPP-3 from March 4 to 7, 2019. A temporary well was installed by lowering a section of slotted PVC well screen and tubing to a depth ranging from 20 to 45 feet (elevation 11 to 46 feet). Samples were collected using a peristaltic pump. The temporary wells were sampled shortly after being installed since site access restrictions precluded them being left overnight. As a result, grab samples were generally turbid based on visual examination. Excess turbidity typically causes the concentrations of analytes (e.g., TPH, BTEX, or metals) to be overestimated or to result in false positives since any contaminants adsorbed to the entrained sediment particles (turbidity) are falsely identified and quantitated as being in groundwater. For this reason, grab groundwater results from turbid samples should be viewed as being potential overestimates or potentially false positives of the actual groundwater conditions.

Monitoring Well Sampling Procedures. In March 2019, a groundwater sample was collected from monitoring well DMW-1S. In March 2020, groundwater samples were collected from monitoring wells DMW-1S, DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, and DMW-6. In October 2020, a groundwater sample was collected from monitoring well DMW-5IA. In November 2020, groundwater samples were collected from DMW-7S through DMW-14S. 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 in the field notes (see Appendix A3). Samples collected for dissolved metals analysis were filtered in the field using a 0.45-micron filter, except for the March 2020 sample from DMW-5IA which was filtered by the laboratory.

5.2.2.3 Groundwater Analytical Methods

Selected samples were analyzed for TPH (GRO, DRO, and HO), SVOCs, VOCs, 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/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 (with and without silica-gel cleanup).
- SVOCs, including cPAHs, by EPA method 8270D-SIM.
- VOCs, including BTEX and CVOCs, by EPA Method 8260B/8260C/8260D and/or 8021B.
- 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 following is a summary of analytical results for groundwater samples collected during the 2019 and 2020 RI activities.

Total Petroleum Hydrocarbons

Diesel Range Organics were detected above laboratory reporting limits in the samples from monitoring wells DMW-1S and DMW-4S collected in March 2020 and monitoring wells DMW-10S and DMW-11S collected in November 2020. The detected concentrations ranged from 190 µg/L to 790 µg/L, with the highest concentration in the sample from monitoring well DMW-4S located southeast of the Property. Diesel Range Organics were not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2020 nor in any of the groundwater samples collected in 2019.

Gasoline Range Organics were detected above laboratory reporting limits in the samples from DGW-1 and monitoring well DMW-1S (and its field duplicate sample) in March 2019 at respective concentrations of 340 µg/L and 350 µg/L (field duplicate sample at 300 µg/L). Gasoline Range Organics were also detected above laboratory reporting limits in the samples from DMW-1S and DMW-4S in March 2020 at respective concentrations of 1,800 µg/L and 670 µg/L. Gasoline Range Organics were also detected above laboratory reporting limits in the samples from DMW-10S and DMW-11S in November 2020 at respective concentrations of 630 µg/L and 270 µg/L. The maximum GRO concentration was in DMW-1S, located in the southeast corner of the Property. Gasoline Range Organics were not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and 2020.

Heavy Oils were not detected at or above the laboratory reporting limits in any of the groundwater samples collected in 2019 and 2020.

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 7 samples whose chromatograms were not a good match for the diesel standard; these samples were from DMW-1S (March 2020), DMW-4S (March 2020), DMW-5IA (March 2020 and October 2020 with and without silica-gel cleanup), DMW-10S (November 2020), and DMW-11S (November 2020).[11]

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

For the samples from location DMW-5IA, the laboratory report case narrative noted the reported DRO concentration was due to a pattern of individual peaks inconsistent with a standard diesel fuel pattern. Based on the case narrative and our interpretation of the chromatograms, the reported DRO concentrations do not appear to be actually representative of DRO. The three samples were qualified as non-detect (U) for DRO at the detected concentrations.

For the remaining samples, the chromatograms did not match the diesel fuel standard, but do appear to be DRO, possibly a kerosene-like product. The concentrations for these samples were used as reported by the laboratory in this RI.

SVOCs

No SVOCs (including cPAHs) were detected at or above the laboratory reporting limits in either of the two groundwater samples analyzed in 2019 (DMW-1S) and 2020 (DMW-4S).

VOCs

Benzene was detected above laboratory reporting limits in the samples collected from monitoring well DMW-1S during March 2019 (and its field duplicate sample) and March 2020, at concentrations of 1.5 µg/L (field duplicate sample at 1.8 µg/L) and 2.9 µg/L, respectively. Benzene was also detected above laboratory reporting limits in the samples collected from monitoring wells DMW-10S and DMW-11S in November 2020, at respective concentrations of 1.5 µg/L and 1.2 µg/L. The maximum benzene concentration was in

[11] 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.

DMW-1S, located in the southeast corner of the Property. Benzene was not detected at or above the laboratory reporting limits in any of the other groundwater samples collected in 2019 and 2020.

Ethylbenzene was detected above laboratory reporting limits in the grab sample from DGW-1 in March 2019 at a concentration of 8 µg/L, in the samples from monitoring wells DMW-1S and DMW-4S in March 2020 at respective concentrations of 12 µg/L and 5.5 µg/L, and in the samples from monitoring wells DMW-10S and DMW-11S in November 2020 at respective concentrations of 34 µg/L and 7.9 µg/L. The maximum ethylbenzene concentration was in DMW-10S, located on the northeast corner of the 601 Dexter property. Ethylbenzene was not detected at or above the laboratory reporting limits in any of the other groundwater samples collected in 2019 and 2020.

Toluene was detected above laboratory reporting limits in the samples from monitoring wells DMW-1S, DMW-4S, and DMW-5IA collected in March 2020 (and the field duplicate sample from monitoring well DMW-2S) and from DMW-10S collected in November 2020. The detected concentrations ranged from 0.26 µg/L to 1.6 µg/L, with the highest concentration in the sample from monitoring well DMW-1S located in the southeast corner of the Property. Toluene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and 2020.

Xylenes (sum of m,p-xylene and o-xylene) were detected above laboratory reporting limits in the grab sample from DGW-1 in March 2019 at a concentration of 14 µg/L, in the samples from monitoring wells DMW-1S and DMW-4S in March 2020 at respective concentrations of 1.83 µg/L and 2.95 µg/L, and in the samples from monitoring wells DMW-10S and DMW-11S in November 2020 at respective concentrations of 21 µg/L and 6.3 µg/L. The maximum xylenes concentration was in DMW-10S, located on the northeast corner of the 601 Dexter property. Xylenes were not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and 2020.

1,2,4-Trichlorobenzene was only detected above laboratory reporting limits in the grab sample from DGW-1 (located in the southeast corner of the Property) in March 2019 at a concentration of 1.5 µg/L. 1,2,4-Trichlorobenzene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

1,2,4-Trimethylbenzene was detected above laboratory reporting limits in the grab sample from DGW-1 in March 2019 at a concentration of 12 µg/L and in the samples from monitoring wells DMW-1S, DMW-3IA, and DMW-4S in March 2020 at respective concentrations of 0.44 µg/L, 0.39 µg/L, and 7.1 µg/L. The maximum 1,2,4-trimethylbenzene concentration was in DGW-1, located in the southeast corner of the Property. 1,2,4-Trimethylbenzene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and 2020.

1,3,5-Trimethylbenzene was only detected above laboratory reporting limits in the grab sample from DGW-1 (located in the southeast corner of the Property) in March 2019 at a concentration of 6.5 µg/L. 1,3,5-Trimethylbenzene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

Isopropylbenzene (cumene) was only detected above laboratory reporting limits in the grab sample from DGW-1 (located in the southeast corner of the Property) in March 2019 at a concentration of 2.6 µg/L. Isopropylbenzene (cumene) was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

Isopropyltoluene was detected above laboratory reporting limits in the grab sample from DGW-1 and the sample from monitoring well DMW-1S (and its field duplicate sample) in March 2019 at respective concentrations of 1.7 µg/L and 1.5 µg/L (field duplicate at 2.5 µg/L). The maximum isopropyltoluene concentration was in DMW-1S, located in the southeast corner of the Property. Isopropyltoluene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

n-Propylbenzene was only detected above laboratory reporting limits in the grab sample from DGW-1 (located in the southeast corner of the Property) in March 2019 at a concentration of 3.7 µg/L. n-Propylbenzene was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

2-Phenylbutane (sec-butylbenzene) was only detected above laboratory reporting limits in the grab sample from DGW-1 (located in the southeast corner of the Property) in March 2019 at a concentration of 1.2 µg/L. 2-Phenylbutane (sec-butylbenzene) was not detected at or above the laboratory reporting limit in any of the other groundwater samples collected in 2019 and was not analyzed in any of the groundwater samples collected in 2020.

Inorganic Compounds

Dissolved arsenic was detected above laboratory reporting limits in the grab sample from DGW-1 in March 2019 at a concentration of 3.1 µg/L, and in the sample from monitoring well DMW-5IA in March 2020 at a concentration of 9.21 µg/L. The maximum dissolved arsenic concentration was in DMW-5IA, located on the west side of the alley adjacent to the Property to the south. Dissolved arsenic was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Dissolved barium was detected above laboratory reporting limits in the samples from DGW-3 and DGW-4 in March 2019 at concentrations of 55 µg/L and 27 µg/L, respectively. The maximum dissolved barium concentration was in DGW-3, located in the southeast corner of the Property. Dissolved barium was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total arsenic was detected above laboratory reporting limits in the grab samples from DGW-1 through DGW-4 and DPP-3 in March 2019, in the sample from monitoring well DMW-1S (and its field duplicate) in March 2019, and in the samples from monitoring wells DMW-1S, DMW-2S (and its field duplicate), DMW-3IA, DMW-4S, and DMW-5IA in March 2020. The detected concentrations ranged from 1.4 µg/L to

100 µg/L, with the highest concentration in the grab groundwater sample from DGW-3 located in the southeast corner of the Property. Total arsenic was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total barium was detected above laboratory reporting limits in all the samples that were analyzed: the grab samples from DGW-1 through DGW-4 and DPP-3 in March 2019 and in the sample from monitoring well DMW-1S (and its field duplicate) in March 2019. The detected concentrations ranged from 38 µg/L to 3,000 µg/L, with the highest concentration in the grab groundwater sample from DGW-3 located in the southeast corner of the Property.

Total cadmium was only detected above laboratory reporting limits in the grab sample from DGW-3 (located in the southeast corner of the Property) in March 2019 at a concentration of 5.1 µg/L. Total cadmium was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total chromium was detected above laboratory reporting limits in the grab samples from DGW-1 through DGW-4 and DPP-3 in March 2019, in the sample from monitoring well DMW-1S in March 2019, and in the samples from monitoring wells DMW-2S (and its field duplicate), DMW-4S, DMW-5IA, and DMW-6 in March 2020. The detected concentrations ranged from 1.74 µg/L to 1,400 µg/L, with the highest concentration in the grab groundwater sample from DGW-3 located in the southeast corner of the Property. Total chromium was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total lead was detected above laboratory reporting limits in the grab samples from DGW-1 through DGW-4 and DPP-3 in March 2019 and in the sample from monitoring well DMW-5IA in March 2020. The detected concentrations ranged from 1.09 µg/L to 120 µg/L, with the highest concentration in the grab groundwater sample from DGW-3 located in the southeast corner of the Property. Total lead was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total mercury was detected above laboratory reporting limits in the grab samples from DGW-1, DGW-3, and DGW-4 in March 2019. The detected concentrations ranged from 0.75 µg/L to 1.3 µg/L, with the highest concentration in the grab groundwater sample from DGW-3 located in the southeast corner of the Property. Total mercury was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

Total selenium was detected above laboratory reporting limits in the grab samples from DGW-1, DGW-3, and DGW-4 in March 2019. The detected concentrations ranged from 6.7 µg/L to 13 µg/L, with the highest concentration in the grab groundwater sample from DGW-1 located in the southeast corner of the Property. Total selenium was not detected at or above the laboratory reporting limit in any of the other groundwater samples that were analyzed during the 2019 and 2020 RI activities.

No other inorganic compounds were detected at or above laboratory reporting limits in any of the groundwater samples that were analyzed during the 2019 and 2020 RI activities.

5.2.3 Aquifer Characterization

Aquifer characterization consisted of slug testing to estimate hydraulic conductivity and synoptic groundwater levels measurements to define depth to water, groundwater flow direction, and horizontal and vertical hydraulic gradients. The methodology of slug testing and synoptic groundwater level monitoring is described in the following sections; the results and analysis of aquifer characterization are discussed in Section 4.2.

5.2.3.1 Slug Testing

Slug tests were performed in March 2019 and March 2020 in four monitoring wells (DMW-1S, DMW-3IA, DMW-4S, and DMW-5IA) to determine hydraulic conductivity of the water-bearing formations underlying the Property and adjacent areas.

Slug tests were performed by suddenly 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 18 selected monitoring wells on and adjacent to the Property (included in Table 4-2) to evaluate groundwater flow characteristics. These included:

- On-property wells DMW-1S, DMW-2S, DMW-3IA, and DMW-6.
- Off-property wells DMW-4S, DMW-5IA, DMW-7S, DMW-8S, DMW-9S, DMW-10S, DMW-11S, DMW-12S, DMW-13S, DMW-14S, MW-305, MW-306, MW-307, and HC-4.

Measurements were taken manually in these wells during short synoptic events to characterize horizontal and vertical flow regimes at a single time. Measurements were taken manually on March 19, 2020 (at 10 wells), on May 11, 2020 (at 10 wells), July 13, 2020 (at 10 wells), September 2, 2020 (at 7 wells), and February 1, 2021 (at 18 wells). All of these measurements coincide with temporary construction dewatering occurring at nearby sites—specifically, construction dewatering occurred at 700 Dexter from June 2019 to July 2020 and at Block 38 West from January 2020 to late March 2021.

During each synoptic groundwater level measurement 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.

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 on Figure 6-1.

6.1 Contaminant Sources

As described in Section 3.0, potential sources of contamination at the Site include historical leaks and spills of petroleum hydrocarbons (including fuels and petroleum-based solvents and related compounds), chlorinated solvents, and metals from: (a) past uses of the Property including the former gasoline service station on the east portion of the Property and potentially other activities associated with the former plastic mixing and storage, woodworking, and hardwood flooring facilities on the Property, and (b) past uses off-Property including the former USTs located in the south-adjacent alley and former service stations on surrounding and nearby properties.

6.2 Transport Pathways

Potential releases of lighter-than-water products (light non-aqueous phase liquids or LNAPLs), such as gasoline- through diesel-range organics, BTEX, and some cPAHs, would move downward through the unsaturated soil via 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. Once the release encounters the water table, depending upon solubility, hazardous constituents from the release could dissolve in the groundwater where they could be transported along with the groundwater through advective flow.

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. Unlike petroleum, DNAPLs will continue to move downward through the water table until the mass of DNAPL is exhausted or a soil layer fine enough to stop the DNAPL is encountered. As groundwater moves through the DNAPL, 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. 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 [cis-1,2-DCE]), and vinyl chloride.

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 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.

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 service 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 summarized below:

- 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 shallow groundwater.
- Any person ingesting or in contact with 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 risk. 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 will 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.

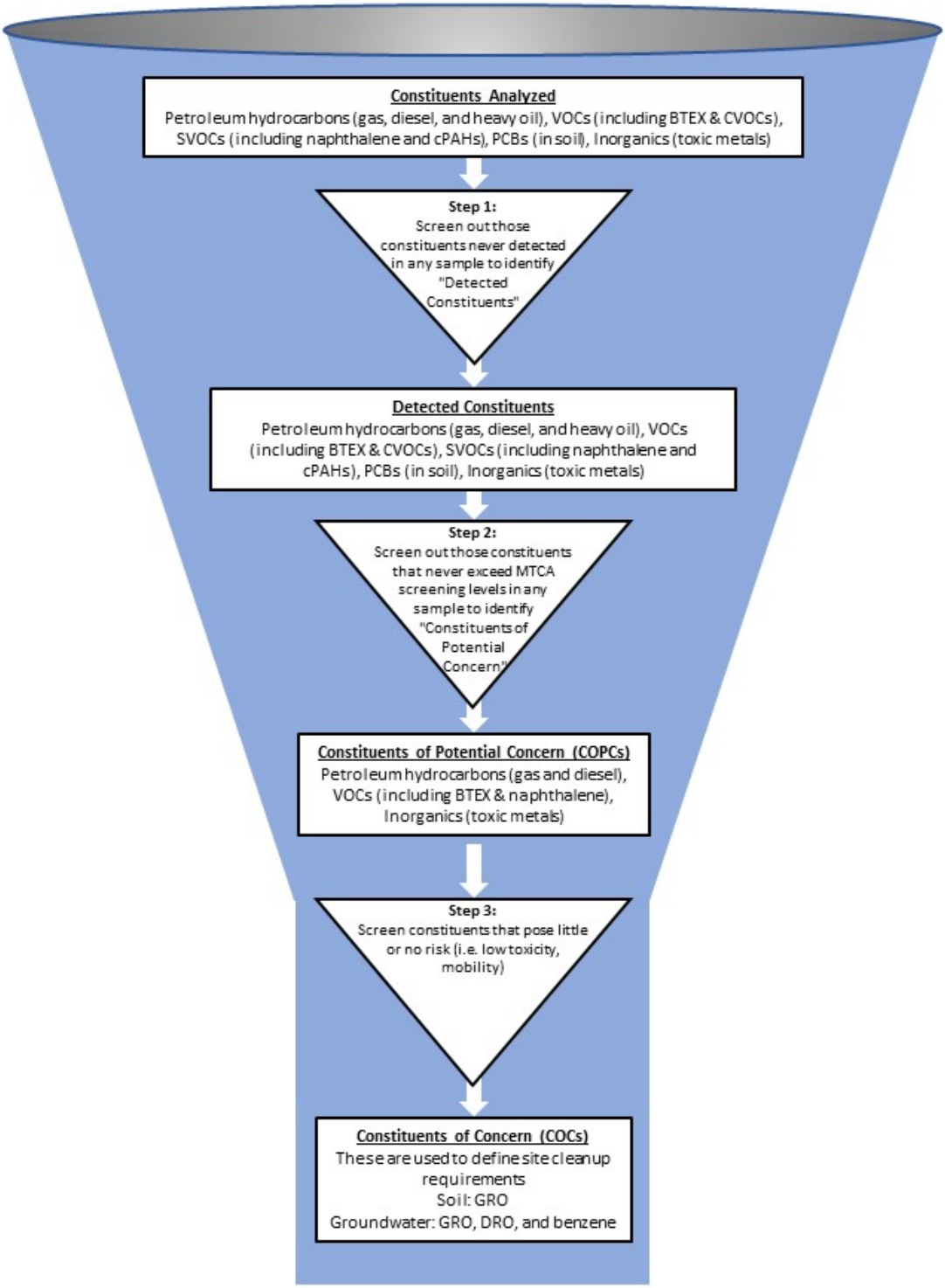
7.0 NATURE AND EXTENT OF CONTAMINATION

The following sections describe the nature and extent of contamination at the Site based on the data collected in 2019, 2020, and during previous investigations. 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. The COC-selection process is presented graphically on 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 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, the south-adjacent property at 601 Dexter Avenue North, and the adjacent alley and sidewalks. 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[12], data from each zone is presented in its own table.

- **Tables 7-3a through 7-3n** present the complete analytical results for each sample compared to screening levels, organized by medium and analyte group.

- **Tables 7-4a and 7-4b** list the constituents of potential concern for soil and groundwater, respectively, and summarize our evaluation of which COPC should be carried forward as constituents of concern.

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 data, including data obtained by Hart Crowser in 2019 and 2020 as well as all data collected previously by others, from borings located on the Property, the south-adjacent property at 601 Dexter Avenue North, or the adjacent alley or sidewalks. We similarly assembled all available groundwater data from borings and wells located on the Property, the south-adjacent property at 601 Dexter Avenue North, or the adjacent alley or 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

- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene

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

- 2-Butanone (Methyl Ethyl Ketone)
- 2-Chlorotoluene
- 2-Phenylbutane (sec-Butylbenzene)
- Acetone
- Benzene
- Carbon disulfide
- Chloroform (Trichloromethane)
- Ethylbenzene
- Hexane
- Isopropylbenzene (Cumene)
- Isopropyltoluene
- m,p-Xylenes
- Methyl Tert Butyl Ether
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- tert-Butylbenzene
- Toluene
- Xylene (total)

Total Petroleum Hydrocarbons

- Gasoline Range Organics
- Heavy Oils

Inorganic Compounds

- Arsenic
- Barium
- Chromium
- Lead
- Selenium

PCBs

- Aroclor-1248

Semi-Volatile Organic Compounds

- 1-Methylnaphthalene
- 2-Methylnaphthalene
- Benzo(a)anthracene
- Benzo(a)pyrene

- Benzo(b)fluoranthene
- Chrysene
- Fluoranthene
- Naphthalene
- Pyrene

7.1.1.2 Groundwater

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

Volatile Organic Compounds

- 1,2,4-Trichlorobenzene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- 2-Chlorotoluene
- 2-Phenylbutane (sec-Butylbenzene)
- Acetone
- Benzene
- Carbon disulfide
- Carbon tetrachloride
- cis-1,2-Dichloroethene
- Cymene (p-Isopropyltoluene)
- Ethylbenzene
- Isopropylbenzene (Cumene)
- Isopropyltoluene
- m,p-Xylenes
- Naphthalene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- tert-Butylbenzene
- Toluene
- Vinyl chloride
- Xylenes (total)

Total Petroleum Hydrocarbons

- Diesel Range Organics
- Gasoline Range Organics

Inorganic Compounds

- Antimony, Dissolved
- Antimony, Total

- Arsenic, Dissolved
- Arsenic, Total
- Barium, Dissolved
- Barium, Total
- Cadmium, Total
- Chromium, Total
- Copper, Total
- Lead, Total
- Mercury, Total
- Nickel, Dissolved
- Nickel, Total
- Selenium, Total
- 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 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. The development of the screening levels is described below and summarized in Table 7-1. Screening levels are shown in Tables 7-2a through 7-2c and 7-3a through 7-3n. The screening levels for this Site are based on values provided by Ecology on November 17, 2020.

Soil. For soil, we identified screening levels protective of direct contact by a future permanent, full-time site resident. These levels are from 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 screening 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 practical quantitation limit (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 2021). 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, which is based on the draft Ecology publication, *Natural Background Arsenic Concentrations in Washington State*, dated May 2018 (Ecology 2018a) and further supported by an

evaluation of groundwater data for non-impacted[13] wells located in the South Lake Union area compared to groundwater data at a site (Seattle DOT Mercer Parcels site) adjacent to the Seattle DOT Dexter Parcel Site. See Appendix E for additional information used in the RI for the adjacent Seattle DOT Mercer Parcels site to support the use of 8 µg/L as the background level for arsenic in groundwater at this Site. 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:

Total Petroleum Hydrocarbons

- GRO

Inorganic Compounds

- Barium

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:

[13] 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 E for more information about the well locations and data evaluation.

Volatile Organic Compounds

- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene
- Benzene
- Naphthalene

Total Petroleum Hydrocarbons

- DRO
- GRO

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 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). 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, barium is not retained as a proposed COC for soil. This constituent is not retained as a proposed COC because it does not pose an unacceptable risk at the Site. Barium was identified as a CPOC because its maximum concentration in the saturated soil zone (89 mg/kg) exceeded the saturated soil screening level protective of groundwater as a drinking water source (83 mg/kg). However, dissolved barium was not detected in groundwater at levels exceeding drinking water criteria (2,000 µg/L), indicating that the soil-to-groundwater pathway is not complete for this constituent. The next most restrictive soil screening level for barium is for the direct contact pathway (16,000 mg/kg), and the maximum detected concentration (89 mg/kg) does not exceed that level.

Based on the evaluation presented above, only GRO is considered a proposed COC for soil. The lateral and vertical distribution of GRO concentrations in soil are discussed below in Section 7.2 and illustrated on Figure 7-2.

7.1.3.2 COCs in Groundwater

Of the COPCs identified in Section 7.1.2.3, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and metals (arsenic, barium, cadmium, chromium, lead, and mercury) are not retained as proposed COCs for groundwater. The following discussion provides the rationale for screening out those COPCs.

Naphthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. These COPCs are components of petroleum fuels and their presence at the Site is likely related to the known petroleum impacts in soil and groundwater. MTCA cleanup levels for TPH include 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene as part of the mixture. Therefore, these constituents are not retained as proposed COCs since any cleanup actions to address TPH impacts will also address 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene. While naphthalene is also a component of the TPH mixture, it is generally evaluated separately for assessing specific health risks. However, given that naphthalene was only detected in one sample, which was a grab groundwater sample collected from an apparently discontinuous perched water zone observed in 2017, and has not been detected in any other sample, naphthalene is not retained as a COC for groundwater.

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 total suspended solids, 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. Figures 7-3a through 7-3f illustrate the relationship between TSS and metals concentrations in the grab groundwater samples. The total metals analytical results for the samples collected from the monitoring wells, which are less turbid than grab samples, indicated no exceedances of the screening levels for barium, cadmium, chromium, lead, and mercury, further supporting that these metals are not a concern for groundwater.

For arsenic, the relationship between TSS and elevated concentrations was also observed in the grab groundwater samples. However, some of the samples from the wells also contained arsenic concentrations exceeding the screening level. Total arsenic concentrations in the well samples ranged from non-detect (<1 µg/L) to 12 µg/L, compared to much higher concentrations in the grab samples where the majority were between 12 and 100 µg/L. Of the 10 well samples analyzed (including two quality control duplicates), four of the total arsenic concentrations and one dissolved arsenic concentration exceeded the screening level of 8 µg/L:

- three by an exceedance factor of 1.01 to 1.15 (8.1 to 9.21 µg/L); and
- one by an exceedance factor of 1.5 (12 µg/L).

Based on a review of background data for arsenic in the Puget Sound lowlands (Ecology 2018a) and representative background data for the South Lake Union area (Appendix E), the detected values for arsenic in groundwater appear to fall well within the range of background. Therefore, arsenic is not retained as a proposed COC for groundwater.

Based on the evaluations presented in Section 7.1.3, the proposed COCs for groundwater are GRO, DRO, and benzene.

The lateral and vertical distribution of these COCs in groundwater are discussed below in Section 7.3 and shown on Figures 7-4a through 7-4c.

7.2 Distribution of COCs in Soil

This section presents the distribution of proposed COCs in soil at the Site. As noted in Section 7.1.3.1, GRO is the only COC identified for soil. Its distribution is shown in plan view on Figure 7-2 and in cross-section view on Figures 7-5a and 7-5b. Concentrations in soil are presented in Tables 7-3a and 7-3f.

Petroleum-related impacts in soil that exceed screening levels are limited to a localized area of GRO contamination in the southeast corner of the Property and extending south beneath the east end of the alley (Figure 7-2). In this area, GRO concentrations exceeded the screening level of 30 mg/kg in five borings (DMW-1S, DMW-2S, DMW-4S, 21417-GP4, and HC-1) at depths ranging between approximately 10 and 15 feet bgs (elevations 46 to 41 feet) on the Property and slightly deeper beneath the alley at approximately 25 feet bgs (elevation 37 feet). The exceedances range from 35 to 1,200 mg/kg. Low levels of petroleum-related VOCs were also detected in soil at most of these locations, but at concentrations that do not exceed their respective screening levels. The presence of these compounds is attributed to historical releases from the former gas and auto repair station that existed in this area of the Property (Figure 3-1).

The northern extent of GRO exceeding the screening level in soil is bound by the samples in borings DGW-1 (at 10 feet bgs or 46 feet elevation, 12.5 feet bgs or 43.5 feet elevation, 15 feet bgs or 41 feet elevation, and 25 feet bgs or 31 feet elevation) and DMW-3IA (at 10 feet bgs or 46 feet elevation, 15 feet bgs or 41 feet elevation, and 20 feet bgs or 36 feet elevation). The eastern extent of GRO exceeding the screening level in soil is bound by the samples in borings DMW-8S (at 10 feet bgs or 48.5 feet elevation, 15 feet bgs or 43.5 feet elevation, and 20 feet bgs or 38.5 feet elevation) and DMW-9S (at 10 feet bgs or 49 feet elevation, 15 feet bgs or 44 feet elevation, 20 feet bgs or 39 feet elevation, and 25 feet bgs or 34 feet elevation). The southern extent of GRO exceeding the screening level in soil is bound by the samples in borings DMW-10S (at 15 feet bgs or 44.5 feet elevation, 20 feet bgs or 39.5 feet elevation, and 25 feet bgs or 34.5 feet elevation) and DMW-11S (at 15 feet bgs or 46 feet elevation, 20 feet bgs or 41 feet elevation, and 25 feet bgs or 36 feet elevation). The western extent of GRO exceeding the screening level in soil is bound by the samples in borings DMW-12S (at 20 feet bgs or 46 feet elevation, 25 feet bgs or 41 feet elevation, and 30 feet bgs or 36 feet elevation), DGW-3 (at 12.5 feet bgs or 43.5 feet elevation), and

DGW-1 (at 10 feet bgs or 46 feet elevation, 12.5 feet bgs or 43.5 feet elevation, 15 feet bgs or 41 feet elevation, and 25 feet bgs or 31 feet elevation). The vertical extent of GRO exceeding the screening level in soil is bound by the samples in borings DMW-1S (at 20 feet bgs or 36 feet elevation), DMW-2S (at 15 feet bgs or 41 feet elevation), DMW-4S (at 30 feet bgs or 32 feet elevation), and HC-1 (at 30 feet bgs or 32 feet elevation).

7.3 Distribution of COCs in Groundwater

This section presents the distribution of proposed COCs in groundwater at the Site. As noted in Section 7.1.3.2, the proposed COCs identified for groundwater include GRO, DRO, and benzene. This information is shown in cross-section view on Figures 7-5a and 7-5b and in plan view on Figures 7-4a through 7-4c. Concentrations of proposed COCs in groundwater are presented in Tables 7-3k (GRO and DRO) and 7-3m (benzene).

Proposed COCs in groundwater that exceed screening levels are limited to a localized area in and near the southeast corner of the Property, encompassing four sampling locations: DMW-1S, DMW-4S, HC-1, and 21417-GP4 (Figures 7-4a through 7-4c).

GRO concentrations exceed the screening level in the well sample from DMW-1S in March 2020 (well screen from 17 to 27 feet bgs or 39 to 29 feet elevation), the grab sample from 21417-GP4 in April 2017 (well screen from 10 to 15 feet bgs or 46 to 41 feet elevation), and the grab sample from HC-1 in April 2019 (well screen from 21.5 to 31.5 feet bgs or 41 to 31 feet elevation). This area corresponds with the localized area of gasoline-related soil impacts described above in Section 7.2. These impacts are attributed to releases from the former gas and auto repair station that once occupied this area of the Property (Figure 3-1). The GRO exceedances ranged from 1,800 to 6,900 µg/L, compared to the screening level of 800 µg/L. The GRO concentration in DMW-1S was 350 µg/L, below the screening level, in March 2019, but increased to 1,800 µg/L when sampled in March 2020.

The other proposed COCs exceeding screening levels are co-located with (or in close proximity to) the GRO exceedances and are likely related to the same petroleum releases:

- DRO exceeded the screening level of 500 µg/L in the March 2020 well sample from DMW-1S at a concentration of 580 µg/L, and in the well sample from DMW-4S in March 2020 (well screen from 23 to 33 feet bgs or 39 to 29 feet elevation) at a concentration of 790 µg/L. DMW-4S is located next to HC-1 in the southern portion of the plume.

- Benzene exceeded the screening level of 2.4 µg/L in the March 2020 well sample from DMW-1S at a concentration of 2.9 µg/L.

The boundary of this groundwater plume is defined by samples collected from boring DGW-1 (well screen from 20 to 30 feet bgs or 36 to 26 feet elevation), and monitoring wells DMW-2S (well screen from 25 to 35 feet bgs or 31 to 21 feet elevation), DMW-8S (well screen from 27 to 37 feet bgs or 31.5 to 21.5 feet elevation), DMW-9S (well screen from 23 to 33 feet bgs or 36 to 26 feet elevation), DMW-11S (well screen from 30 to 50 feet bgs or 31 to 11 feet elevation), and DMW-12S (well screen from 30 to 50 feet bgs or

36 to 16 feet elevation). While COC concentrations at DGW-3, which is located between DMW-12S and the exceedance locations, were all non-detect at the laboratory reporting limits, groundwater from this location was sampled from a much deeper elevation (i.e., approximately 20 feet deeper) than the shallower zone of contamination, so it is not used for defining the western extent of the plume. For similar reasons, the groundwater data for monitoring well DMW-10S, which showed COC concentrations less than the screening levels, were not used to define the southern extent of the plume. The data for the bounding locations (see Figures 7-4a through 7-4c) establishes that the groundwater contaminant plume is largely limited in extent to within the Property and alley boundaries.

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.

The southeast corner of the Property and a portion of the south-adjacent alley contain petroleum-related contaminant soil and groundwater impacts exceeding applicable screening levels. Those impacts are likely related to operations of the former gas/service station that operated on the Property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Over 150 soil and 30 groundwater samples were evaluated for inclusion in this RI report. The multiple lines of evidence presented in the preceding sections support that there is only one localized area of contamination at this Site—petroleum-related contamination on and near the southeast corner of the Property, likely associated with former gasoline station activities within the Property.

Currently, there are plans to redevelop the Property that will include excavation of unsaturated 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 to address the petroleum-related impacts at the Site, including those that extend beyond the Property boundary.

9.0 REFERENCES

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

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. Publ. no. 94-115. Washington State Department of Ecology, Olympia, WA.

Ecology 2017. Model Remedies for Sites with Petroleum Contaminated Soils. Publ. 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 2021. Cleanup levels and risk calculation (CLARC): Olympia, Wash., Washington State Department of Ecology, February 2021 revision, available: http://fortress.wa.gov/ecy/clarc/CLARCHome.aspx, accessed April 2021.

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.

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

Hart Crowser 2019a. Draft Phase I Environmental Site Assessment, 615 Dexter, 615 Dexter Avenue N, Seattle, Washington. Prepared for Alexandria Real Estate Equities, Inc., May 8, 2019.

Hart Crowser 2019b. Final Phase II Environmental Site Assessment, 601 Dexter Property, 601 Dexter Avenue North, Seattle, Washington. Prepared for Alexandria Real Estate Equities, Inc., May 23, 2019.

Hart Crowser 2020. Revised Draft Data Gaps Investigation Work Plan. Seattle DOT Dexter Parcel (615 Dexter Site), 615 Dexter Avenue North, Seattle, Washington. Prepared for 615 Dexter, LLC, January 23, 2020.

Hart Crowser 2021. Draft 4 Remedial Investigation, Seattle DOT Mercer Parcels, 800 Mercer Street, Seattle, Washington. Prepared for 800 Mercer, LLC, April 23, 2021.

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, 615 Dexter Avenue North, Seattle, Washington. Prepared for KPFF Consulting Engineers, January 25, 2018.

Shannon & Wilson 2018b. Limited Phase II Environmental Site Assessment, Mercer Corridor West Expansion, 615 Dexter Avenue North, 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.

USGS 2015a. Natural Breakdown of Petroleum Results in Arsenic Mobilization in Groundwater. US Geologic Survey. https://toxics.usgs.gov/highlights/2015-01-26-arsenic_plumes.html. Accessed 10/10/20.

USGS 2015b. Natural Breakdown of Petroleum Underground Can Lace Arsenic into Groundwater. US Geologic Survey. https://www.usgs.gov/news/natural-breakdown-petroleum-underground-can-lace-arsenic-groundwater. Accessed 10/10/20.

\\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\Deliverables\Reports\RI_615Dexter_Final_07092021_updated\SDOT Dexter RI.docx

TABLE 2-1
GENERAL FACILITY INFORMATION
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Project Identifiers	
Site Name	Seattle DOT Dexter Parcel
Voluntary Cleanup Program Project No.	NW3257
Facility/Site No.	81735
Cleanup Site ID	14785
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 (SLP 615 Dexter LLC)	Christian Gunter 400 Dexter Avenue North, Suite 200 Seattle, WA 98109 (206) 702-7489 CGunter@are.com
Facility Location	
Address	615 Dexter Avenue North Seattle, WA 98109
Abbreviated Legal Description	EDEN ADD LESS ST LESS ALLEY Plat Block: 3, Plat Lot: 3 THRU 6
GPS Coordinates	Latitude 47.625 and Longitude -122.343
King County Parcel Number	2249000120
Quarter Section Township Range	NE Section 30, Township 25 North, Range 4 East
Zoning	Mixed-use

TABLE 3-1
OPERATIONAL HISTORY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Ownership History	
Unknown to present	Seattle Department of Transportation
Operational History	
Late 1800s to between 1917 and 1936	Dwellings and residential units (north and northwest portions)
1930s to mid-1940s	Gasoline station and automobile repair station (east portion)
1935	Rix Sandpaper, Seattle Hardwood Floor Co., and a restaurant
1940	Brown Bridge Mills
1950	Plastic mixing, Masonite storage, and storage activities (eastern portion), Seattle Hardwood Floor Co. (southern portion), and Colotyle Corporation (northern portion)
1951	Parker Henry Glass Company
1955	Pac Bowling and Billiard Company and Acme Restaurant Supply
1960	Junior Achievement of Seattle
1966 to 1969	Contour Laminates Inc. Manufacturing (likely a woodworking business)
1980	Domestic Supply Wheel
1992 to 1994	Zig Zag
2002	Dress for Success
2002 to present	Copiers Northwest (large-scale printing facility, storage warehouse, offices, and parking lot)

References:

Hart Crowser 2019a.
Shannon & Wilson 2018a.

TABLE 4-1
HYDRAULIC CONDUCTIVITIES
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Well ID	Bouwer and Rice	
	K (ft/day)	K (cm/sec)
DMW-1S	*0.3*	*9.9E-05*
DMW-4S	*0.1*	*2.3E-05*
DMW-3IA	*0.6*	*2.2E-04*
DMW-5IA	*0.5*	*1.8E-04*

Notes:

cm/sec = centimeters per second.

ft/day = feet per day.

K = Hydraulic conductivity.

References:

Bouwer and Rice, 1976.

TABLE 4-2
WATER LEVEL MEASUREMENTS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Well ID	Date	Time of Measure	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
Shallower Wells					
DMW-1S	03/21/19	-	55.76	21.01	34.75
	03/27/19	-		20.88	34.88
	12/05/19	13:55		24.88	30.88
	03/19/20	13:51		22.35	33.41
	03/26/20	-		22.37	33.39
	05/11/20	10:20		23.28	32.48
	07/13/20	14:27		24.33	31.43
	09/02/20	9:34		24.99	30.77
	02/01/21	10:00		21.41	34.35
DMW-2S	03/19/20	13:48	55.74	22.89	32.85
	05/11/20	10:26		23.76	31.98
	07/13/20	14:31		24.72	31.02
	09/02/20	9:41		24.34	31.40
	02/01/21	10:05		21.53	34.21
DMW-4S	03/19/20	13:58	61.54	22.28	39.26
	05/11/20	10:14		22.51	39.03
	07/13/20	14:51		23.11	38.43
	09/02/20	9:30		24.18	37.36
	02/01/21	10:18		21.48	40.06
DMW-6	03/19/20	13:38	66.08	28.91	37.17
	05/11/20	9:50		29.28	36.80
	07/13/20	14:15		29.91	36.17
	09/02/20	9:49		30.40	35.68
	02/01/21	11:02		28.30	37.78
DMW-7S	11/02/20	9:56	58.01	28.09	29.92
	02/01/21	9:54		23.59	34.42
DMW-8S	11/02/20	10:29	58.35	28.73	29.62
	02/01/21	9:58		24.46	33.89
DMW-9S	11/02/20	11:43	58.55	29.00	29.55
	02/01/21	10:22		22.20	36.35
DMW-10S	11/02/20	12:59	59.24	32.18	27.06
	02/01/21	10:28		28.58	30.66
DMW-11S	11/02/20	14:52	60.86	32.80	28.06
	02/01/21	10:36		28.93	31.93

TABLE 4-2
WATER LEVEL MEASUREMENTS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Well ID	Date	Time of Measure	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-305	10/21/19	-	59.86	28.17	31.69
	01/13/20	-		27.85	32.01
	03/19/20	11:28		23.83	36.03
	05/11/20	-		25.26	34.60
	07/13/20	-		26.44	33.42
	09/03/20	-		27.31	32.55
	02/01/21	-		21.23	38.63
Intermediate Wells					
DMW-3IA	03/19/20	13:44	55.84	25.39	30.45
	05/11/20	10:34		29.85	25.99
	07/13/20	14:41		26.68	29.16
	09/02/20	9:44		26.36	29.48
	02/01/21	10:09		22.90	32.94
DMW-5IA	03/19/20	11:37	69.15	38.71	30.44
	05/11/20	9:55		39.32	29.83
	07/13/20	14:20		40.37	28.78
	09/02/20	9:55		41.21	27.94
	10/14/20	13:48		41.87	27.28
	02/01/21	10:53		38.25	30.90
DMW-12S	11/02/20	14:26	65.67	34.60	31.07
	02/01/21	10:41		29.48	36.19
DMW-13S	11/03/20	10:50	65.02	37.71	27.31
	02/01/21	10:49		35.24	29.78
DMW-14S	11/03/20	12:34	70.15	43.76	26.39
	02/01/21	10:56		40.47	29.68
HC-4	03/19/20	13:27	60.00	31.50	28.50
	05/11/20	10:07		32.21	27.79
	07/13/20	14:56		33.12	26.88
	09/02/20	9:24		33.42	26.58
	02/01/21	10:33		30.37	29.63
MW-306	10/21/19	-	59.48	30.04	29.44
	01/13/20	-		29.63	29.85
	03/19/20	10:43		28.75	30.73
	05/11/20	-		29.29	30.19
	07/13/20	-		29.98	29.50
	09/03/20	-		30.39	29.09
	02/01/21	-		26.39	33.09

TABLE 4-2
WATER LEVEL MEASUREMENTS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Well ID	Date	Time of Measure	TOC Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
Deeper Wells					
MW-307	10/21/19	-	60.21	41.65	18.56
	01/13/20	-		41.55	18.66
	03/19/20	10:36		43.34	16.87
	05/11/20	-		43.90	16.31
	07/13/20	-		44.69	15.52
	09/03/20	-		44.47	15.74
	02/01/21	-		42.38	17.83

Notes:

- = Data not available or not applicable.

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

ft = feet.

TOC = Top of Casing.

TABLE 5-1
CHRONOLOGICAL LIST OF ENVIRONMENTAL INVESTIGATIONS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Investigation	Prepared By	Dates of Field Work	Location of Investigation	Summary of Field Work	Boring/Well IDs
Comprehensive Foundation Investigation[g]	Shannon & Wilson	March 1970 to February 1971	Rights-of-Way North and South of Property	• Drilled 10 soil borings • 2 relevant soil borings[a]	B-309[a], B-320[a], B-404, B-414, B-415, B-416, B-432, B-434, B-437, B-438
Phase II Environmental Site Assessment[h]	Black and Veatch	June to November 1997	Right-of-Way East of Property	• 89 explorations, 30 of which were installed as monitoring wells • 1 monitoring well is relevant[b]	BB-1 to BB-14 (BB-10[b]), 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
Limited Environmental Explorations Report[i]	Shannon & Wilson	April to May 2012	Right-of-Ways West and East of Property	• Drilled 22 soil borings • 6 relevant soil borings[c]	GP-1, GP-2, GP-3, GP-4, GP-5, GP-6, GP-7[c], GP-8[c], GP-9[c], GP-10, GP-11, GP-12, GP-13, GP-14[c], GP-15, GP-16, GP-17[c], GP-18, GP-19, GP-20[c], GP-21, GP-22
Remedial Investigation[j]	SoundEarth Strategies	July 2012 to March 2013	Right-of-Way East of Property	• Installed 19 monitoring wells • 1 relevant monitoring well[d]	MW-101, MW-102, MW-103, MW-104, MW-105, MW-106, MW-107, MW-108, MW-109, MW-110, MW-111, MW-112, MW-113, MW-114, MW-115, MW-116, MW-117[d], MW-118, MW-119
Limited Phase II Environmental Site Assessment[k]	Shannon & Wilson	April to May 2017	Property-Wide and in Alley	• Drilled 7 soil borings • Collected 3 grab groundwater samples	21417-GP1, 21417-GP2, 21417-GP3, 21417-GP4, 21417-GP5, 21417-GP6, 21417-GP7
Remedial Investigation[lm]	PES Environmental	August 2017 to October 2019	Right-of-Way Northeast of Property	• Drilled 69 soil borings and 63 monitoring wells • 3 relevant monitoring wells[e]	B-201 to B-219, B-221 to B-267 (including B-234A, B-253A, B-254A, B-255A), MW-132 to MW-157, MW-158A, MW-159 to MW-164, MW-301 to MW-330 (MW-305[e], MW-306[e], MW-307[e])
Final Phase II Environmental Site Assessment[n]	Hart Crowser	April 2019	601 Dexter Parcel - East side of Parcel and Alley and in Building	• Drilled 6 soil borings with 1 completed as a monitoring well, collected 1 grab groundwater sample, 1 monitoring well groundwater sample, 2 sub-slab soil vapor samples, and 2 indoor air samples • 5 relevant soil borings, 1 relevant monitoring well[f]	HC-1[f], HC-2[f], HC-3[f], HC-4[f], HC-5[f], MW-1[f], SV-1, SV-2, CSW-1, CSE-1
Remedial Investigation	Hart Crowser	March 2019, February to March 2020, and October 2020	Property-Wide, in Alley, 601 Dexter Parcel, and Right-of-Way East of Property	• Drilled 24 explorations, including 14 monitoring wells • Collected 5 grab groundwater samples • Conducted slug tests in 4 wells	DGW-1, DGW-2, DGW-3, DGW-4, DMW-1S, DMW-2S, DMW-3IA, DMW-4S, DMW-5IA, DMW-6, DMW-7S, DMW-8S, DMW-9S, DMW-10S, DMW-11S, DMW-12S, DMW-13S, DMW-14S, DPP-1, DPP-2, DPP-3, DPP-4, DPP-5, DPP-6

TABLE 5-1
CHRONOLOGICAL LIST OF ENVIRONMENTAL INVESTIGATIONS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Notes:

a. This RI report considers data from 2 of the borings 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. Additional explorations were advanced for geotechnical and environmental purposes as part of the design of the combined sewer overflow project. Other explorations are not shown on Figure 4-1; refer to the Black & Veatch 1998 report for additional information.

c. This RI report considers data from 6 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. Other explorations are not shown on Figure 4-1; refer to the Shannon & Wilson 2012 report for additional information.

d. This RI report considers data from 1 monitoring well 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.

e. This RI report considers data from 3 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.

f. This RI report considers data from 5 soil borings and 1 monitoring well near the Property. Sub-slab soil vapor and indoor air samples were collected to support future redevelopment at the 601 Dexter Avenue North property, but are not shown on Figure 4-1. Refer to the Hart Crowser 2019 report for additional information.

References:

g. Shannon & Wilson 1971.
h. Black & Veatch 1998.
i. Shannon & Wilson 2012.
j. SoundEarth Strategies 2013.
k. Shannon & Wilson 2018b.
l. PES Environmental 2019.
m. PES Environmental 2020.
n. Hart Crowser 2019b.

TABLE 5-2
SUMMARY OF EXPLORATIONS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Logs?[a]	Well Tag	Northing	Easting	Date Completed	Elevation		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab GW?[a]	Report Reference
						Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation (ft)	Bottom of Screen Elevation (ft)	Depth (ft)	Elevation (ft)			
SOIL BORINGS																
21417-GP1	Y	-	231750.7	1268112.4	04/21/17	69.53	-	20.0	25.0	49.53	44.53	30.00	39.53	1	Y	Shannon & Wilson 2018b
21417-GP2	Y	-	231687.4	1268160.6	04/21/17	66.53	-	-	-	-	-	19.00	47.53	-	N	Shannon & Wilson 2018b
21417-GP3	Y	-	231726.2	1268238.6	04/21/17	55.86	-	10.0	20.0	45.86	35.86	20.00	35.86	1	Y	Shannon & Wilson 2018b
21417-GP4	Y	-	231647.0	1268238.3	04/21/17	55.82	-	10.0	15.0	45.82	40.82	15.00	40.82	1	Y	Shannon & Wilson 2018b
21417-GP5	Y	-	231630.0	1268205.6	05/19/17	66.20	-	-	-	-	-	16.00	50.20	-	N	Shannon & Wilson 2018b
21417-GP6	Y	-	231631.3	1268141.7	05/19/17	66.09	-	-	-	-	-	20.00	46.09	-	N	Shannon & Wilson 2018b
21417-GP7	Y	-	231632.6	1268109.8	05/19/17	66.49	-	-	-	-	-	15.00	51.49	-	N	Shannon & Wilson 2018b
B-309	Y	-	231760.0	1268253.0	04/02/70	59.63	-	-	-	-	-	48.00	11.63	-	N	Shannon & Wilson 1971
B-320	Y	-	231498.6	1268195.7	04/14/71	59.13	-	-	-	-	-	50.00	9.13	-	N	Shannon & Wilson 1971
DGW-1	Y	-	231659.6	1268242.7	03/06/19	55.98	-	20.0	30.0	35.98	25.98	31.50	24.48	2	Y	Hart Crowser RI
DGW-2	Y	-	231693.1	1268182.1	03/07/19	66.25	-	20.0	30.0	46.25	36.25	31.50	34.75	2	Y	Hart Crowser RI
DGW-3	Y	-	231642.2	1268215.3	03/06/19	56.08	-	35.0	45.0	21.08	11.08	45.00	11.08	2	Y	Hart Crowser RI
DGW-4	Y	-	231632.9	1268076.2	03/04/19	69.87	-	30.0	40.0	39.87	29.87	51.50	18.37	2	Y	Hart Crowser RI
DPP-1	Y	-	231743.4	1268128.3	03/04/19	68.80	-	-	-	-	-	20.00	48.80	-	N	Hart Crowser RI
DPP-2	Y	-	231647.8	1268189.8	03/04/19	66.24	-	-	-	-	-	10.00	56.24	-	N	Hart Crowser RI
DPP-3	Y	-	231737.5	1268253.6	03/05/19	55.98	-	20.0	30.0	35.98	25.98	30.50	25.48	2	Y	Hart Crowser RI
DPP-4	Y	-	231645.1	1268167.8	03/04/19	66.25	-	-	-	-	-	22.50	43.75	-	N	Hart Crowser RI
DPP-5	Y	-	231736.6	1268179.4	03/04/19	66.26	-	-	-	-	-	20.00	46.26	-	N	Hart Crowser RI
DPP-6	Y	-	231697.7	1268235.5	03/05/19	55.92	-	-	-	-	-	19.50	36.42	-	N	Hart Crowser RI
GP-7	Y	-	231566.4	1268321.0	05/14/12	58.53	-	-	-	-	-	11.00	47.53	-	-	Shannon & Wilson 2012
GP-8	Y	-	231600.2	1268321.4	05/14/12	58.33	-	-	-	-	-	12.00	46.33	-	-	Shannon & Wilson 2012
GP-9	Y	-	231641.5	1268303.4	05/14/12	58.00	-	-	-	-	-	19.00	39.00	-	-	Shannon & Wilson 2012
GP-14	Y	-	231527.2	1267968.0	04/03/12	69.74	-	-	-	-	-	13.50	56.24	-	-	Shannon & Wilson 2012
GP-17	Y	-	231522.7	1267998.2	04/04/12	70.39	-	-	-	-	-	17.00	53.39	-	-	Shannon & Wilson 2012
GP-20	Y	-	231522.7	1268032.3	04/05/12	71.02	-	-	-	-	-	9.00	62.02	-	-	Shannon & Wilson 2012
HC-1	Y	-	231626.3	1268246.9	04/11/19	62.33	-	21.5	31.5	40.83	30.83	31.50	30.83	2	Y	Hart Crowser 2019b
HC-2	Y	-	231612.8	1268199.2	04/11/19	62.47	-	-	-	-	-	16.50	45.97	-	N	Hart Crowser 2019b
HC-3	Y	-	231577.9	1268194.8	04/11/19	62.39	-	-	-	-	-	31.50	30.89	-	N	Hart Crowser 2019b
HC-5	Y	-	231605.1	1268245.5	04/11/19	60.70	-	-	-	-	-	16.50	44.20	-	N	Hart Crowser 2019b
MW-1	Y	-	231595.3	1268222.9	04/11/19	61.72	-	-	-	-	-	31.50	30.22	-	N	Hart Crowser 2019b

TABLE 5-2
SUMMARY OF EXPLORATIONS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Logs?[a]	Well Tag	Northing	Easting	Date Completed	Elevation		Well Screen				Bottom of Boring		Well Casing Diameter (in)	Grab GW?[a]	Report Reference
						Surface (ft)	TOC (ft)	Top of Screen Depth (ft)	Bottom of Screen Depth (ft)	Top of Screen Elevation (ft)	Bottom of Screen Elevation (ft)	Depth (ft)	Elevation (ft)			
MONITORING WELLS																
BB-10	Y	-	231732.0	1268341.6	11/13/97	57.40	-	29.0	39.0	28.4	18.4	60.5	-3.1	2	N	Black & Veatch 1998
DMW-1S	Y	BLR921	231651.7	1268247.3	03/05/19	55.94	55.76	17.0	27.0	38.94	28.94	30.20	25.74	2	N	Hart Crowser RI
DMW-2S	Y	BME933	231661.0	1268261.7	03/02/20	56.03	55.74	25.0	35.0	31.03	21.03	40.40	15.63	2	N	Hart Crowser RI
DMW-3IA	Y	BME932	231698.1	1268264.1	02/27/20	56.09	55.84	39.0	49.0	17.09	7.09	50.25	5.84	2	N	Hart Crowser RI
DMW-4S	Y	BME929	231624.3	1268253.8	02/26/20	61.76	61.54	23.0	33.0	38.76	28.76	70.33	-8.57	2	N	Hart Crowser RI
DMW-5IA	Y	BME930	231627.7	1268079.5	02/28/20	69.48	69.15	39.8	49.8	29.68	19.68	70.33	-0.85	2	N	Hart Crowser RI
DMW-6	Y	BME934	231731.4	1268185.8	03/04/20	66.30	66.08	34.0	44.0	32.30	22.30	50.30	16.00	2	N	Hart Crowser RI
DMW-7S	Y	BLY432	231679.4	1268275.5	10/26/20	58.34	58.01	28.0	38.0	30.3	20.3	38.00	20.34	2	N	Hart Crowser RI
DMW-8S	Y	BLY431	231659.2	1268275.5	10/27/20	58.57	58.35	27.0	37.0	31.6	21.6	37.00	21.57	2	N	Hart Crowser RI
DMW-9S	Y	BLY430	231623.8	1268275.2	10/27/20	58.85	58.55	23.0	33.0	35.9	25.9	33.00	25.85	2	N	Hart Crowser RI
DMW-10S	Y	BNF363	231588.9	1268260.6	10/19/20	59.46	59.24	35.0	55.0	24.46	4.46	55.00	4.46	2	N	Hart Crowser RI
DMW-11S	Y	BNF365	231596.2	1268238.6	10/20/20	61.15	61.19	30.0	50.0	31.15	11.15	50.00	11.15	2	N	Hart Crowser RI
DMW-12S	Y	BNF364	231632.9	1268169.6	10/20/20	66.05	66.02	30.0	50.0	36.05	16.05	55.00	11.05	2	N	Hart Crowser RI
DMW-13S	Y	BNF376	231631.3	1268126.1	10/23/20	66.28	66.3	30.0	50.0	36.28	16.28	50.00	16.28	2	N	Hart Crowser RI
DMW-14S	Y	BLY433	231627.6	1268064.1	10/28/20	70.29	70.32	41.0	51.0	29.29	19.29	51.00	19.29	2	N	Hart Crowser RI
HC-4	Y	BLR695	231573.2	1268251.5	04/12/19	60.23	-	40.0	50.0	20.23	10.23	50.00	10.23	2	N	Hart Crowser 2019b
MW-117	Y	BHS885	231643.7	1268343.7	02/04/13	57.78	56.90	40.0	55.0	17.78	2.78	55.50	2.28	2	N	SoundEarth Strategies 2013
MW-305	Y	BMF579	231758.3	1268248.3	10/03/19	60.15	59.82	22.8	32.8	37.31	27.31	35.00	25.15	2	N	PES Environmental 2019
MW-306	Y	BMF577	231757.5	1268252.6	09/30/19	59.91	59.48	42.8	52.8	17.11	7.11	55.00	4.91	2	N	PES Environmental 2019
MW-307	Y	BMF580	231758.0	1268244.5	10/03/19	60.29	60.21	72.8	82.8	-12.51	-22.51	85.00	-24.71	2	N	PES Environmental 2019

Notes:
a. "Y" represents yes and "N" represents no.
Depths of grab groundwater samples are approximate.
Elevations referenced to North American Vertical Datum of 1988 (NAVD88).
- = Data not available or not applicable.
ft = feet.
in = inches.
TOC = Top of Casing.

TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation (ft)	Sample Date	Sample Depth (ft)	Sample Elevation (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[a]	SVOCs	VOCs	Metals	PCBs
21417-GP1	69.53	04/21/17	25	44.53	X	X	X			X		X		
21417-GP2	66.53	04/21/17	18	48.53	X	X		X	X		X		X	
21417-GP3	55.86	04/21/17	15.5	40.36			X	X	X	X		X		
21417-GP4	55.82	04/21/17	12	43.82	X	X	X	X	X	X		X		
			15	40.82	X	X	X	X	X	X		X	X	
21417-GP5	66.2	05/19/17	1	65.20	X	X	X	X	X	X		X	X	
			14	52.20	X	X	X			X		X		
21417-GP6	66.09	05/19/17	18	48.09	X	X	X			X		X		
21417-GP7	66.49	05/19/17	2	64.49	X	X	X			X		X		
			13	53.49	X	X	X			X		X		
BB-10	57.40	08/29/97	15	42.40	X	X								
DGW-1	55.98	03/06/19	10	45.98	X	X	X	X	X	X		X	X	
			12.5	43.48	X	X	X			X		X		
			15	40.98	X	X	X			X		X		
			25	30.98	X	X	X			X		X	X	
			30	25.98			X			X		X		
DGW-2	66.25	03/04/19	5	61.25	X	X	X			X		X		
			10	56.25	X	X	X			X		X	X	
			25	41.25			X			X		X		
			30	36.25	X	X	X			X		X		
DGW-3	56.08	03/06/19	2.5	53.58	X	X	X			X		X	X	
			12.5	43.58	X	X	X			X		X	X	
			15	41.08			X			X		X		
			20	36.08			X			X		X		
			25	31.08	X	X	X			X		X	X	
DGW-4	69.87	03/04/19	5	64.87	X	X	X			X		X	X	
			10	59.87			X			X		X		
			15	54.87	X	X	X			X		X	X	
			20	49.87	X	X	X			X		X	X	
			35	34.87	X	X	X			X		X	X	
			50	19.87	X	X	X			X		X		
DMW-1S	55.94	03/05/19	5	50.94	X	X	X			X		X		
			10	45.94	X	X	X			X		X	X	
			12.5	43.44	X	X	X			X		X		
			15	40.94	X		X	X	X	X		X	X	
			20	35.94	X	X	X			X		X	X	
DMW-2S	56.03	03/02/20	5	51.03	X	X	X			X		X	X	
			10	46.03	X	X	X			X		X	X	
			15	41.03	X	X	X			X		X	X	
			20	36.03	X	X	X			X		X	X	
			25	31.03	X	X	X			X		X	X	
DMW-3IA	56.09	02/27/20	5	51.09	X	X	X			X		X	X	
			10	46.09	X	X	X			X		X	X	
			15	41.09	X	X	X			X		X	X	
			20	36.09	X	X	X			X		X	X	
			25	31.09	X	X	X			X		X	X	
DMW-4S	61.76	02/26/20	5	56.76	X	X	X	X	X	X		X	X	
			10	51.76	X	X	X	X	X	X		X	X	
			15	46.76	X	X	X	X	X	X		X	X	
			20	41.76	X	X	X	X	X	X		X	X	
			25	36.76	X	X	X	X	X	X		X	X	
			30	31.76	X	X	X	X	X	X		X	X	

TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation (ft)	Sample Date	Sample Depth (ft)	Sample Elevation (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[a]	SVOCs	VOCs	Metals	PCBs
DMW-5IA	69.48	02/28/20	5	64.48	X	X	X			X		X	X	
			10	59.48	X	X	X			X		X	X	
			15	54.48	X	X	X			X		X	X	
			20	49.48	X	X	X			X		X	X	
			25	44.48	X	X	X			X		X	X	
DMW-7S	58.34	10/26/20	5	53.34	X	X	X							
			10	48.34	X	X	X							
			15	43.34	X	X	X							
			20	38.34	X	X	X							
			25	33.34	X	X	X							
			30	28.34	X	X	X							
			35	23.34	X	X	X							
DMW-8S	58.57	10/27/20	5	53.57	X	X	X							
			10	48.57	X	X	X							
			15	43.57	X	X	X							
			20	38.57	X	X	X							
			25	33.57	X	X	X							
			30	28.57	X	X	X							
			35	23.57	X	X	X							
DMW-9S	58.85	10/27/20	5	53.85	X	X	X							
			10	48.85	X	X	X							
			15	43.85	X	X	X							
			20	38.85	X	X	X							
			25	33.85	X	X	X							
			30	28.85	X	X	X							
DMW-10S	59.46	10/19/20	5	54.46	X	X	X							X
			10	49.46	X	X	X							X
			15	44.46	X	X	X							X
			20	39.46	X	X	X							X
			25	34.46	X	X	X							X
			30	29.46	X	X	X							X
			35	24.46	X	X	X							X
			40	19.46	X	X	X							X
			45	14.46	X	X	X							X
			50	9.46	X	X	X							X
			55	4.46	X	X	X							X
DMW-11S	61.15	10/19/20	5	56.15	X	X	X							X
			10	51.15	X	X	X							X
			15	46.15	X	X	X							X
			20	41.15	X	X	X							X
			25	36.15	X	X	X							X
		10/20/20	30	31.15	X	X	X							X
			35	26.15	X	X	X							X
			40	21.15	X	X	X							X
			45	16.15	X	X	X							X
			50	11.15	X	X	X							X
			55	6.15	X	X	X							X

TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation (ft)	Sample Date	Sample Depth (ft)	Sample Elevation (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[a]	SVOCs	VOCs	Metals	PCBs
DMW-12S	66.05	10/20/20	5	61.05	X	X	X							X
			10	56.05	X	X	X							X
			15	51.05	X	X	X							X
			20	46.05	X	X	X							X
			25	41.05	X	X	X							X
			30	36.05	X	X	X							X
			35	31.05	X	X	X							X
			40	26.05	X	X	X							X
			45	21.05	X	X	X							X
			50	16.05	X	X	X							X
			55	11.05	X	X	X							X
DMW-13S	66.28	10/23/20	10	56.28	X	X	X							X
			15	51.28	X	X	X							X
			20	46.28	X	X	X							X
			25	41.28	X	X	X							X
			30	36.28	X	X	X							X
			35	31.28	X	X	X							X
			40	26.28	X	X	X							X
			45	21.28	X	X	X							X
			50	16.28	X	X	X							X
DMW-14S	70.29	10/28/20	10	60.29	X	X	X							X
			15	55.29	X	X	X							X
			20	50.29	X	X	X							X
					X	X	X							X
			25	45.29	X	X	X							X
			30	40.29	X	X	X							X
			35	35.29	X	X	X							X
			40	30.29	X	X	X							X
			45	25.29	X	X	X							X
			50	20.29	X	X	X							X
DPP-1	68.8	03/04/19	5	63.80	X	X	X			X		X		
			7.5	61.30		X	X			X		X		
			10	58.80		X	X			X		X	X	
			20	48.80		X	X			X		X	X	
DPP-2	66.24	03/04/19	5	61.24		X	X			X		X	X	
			10	56.24	X	X	X			X		X	X	
DPP-3	55.98	03/05/19	5	50.98	X	X	X			X		X		
			10	45.98									X	
			15	40.98			X			X		X		
			25	30.98									X	
			30	25.98	X	X	X			X		X		
DPP-4	66.25	03/04/19	10	56.25			X			X		X		
			12.5	53.75	X	X	X			X		X	X	
			17.5	48.75			X			X		X		
			20	46.25	X	X	X			X		X	X	
DPP-5	66.26	03/04/19	10	56.26	X	X	X			X		X	X	
			17.5	48.76	X	X	X			X		X	X	
			20	46.26		X	X			X		X		
DPP-6	55.92	03/05/19	5	50.92			X			X		X		
			7.5	48.42			X			X		X	X	
			12.5	43.42	X	X	X			X		X	X	
			17.5	38.42	X	X	X			X		X	X	

TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation (ft)	Sample Date	Sample Depth (ft)	Sample Elevation (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[a]	SVOCs	VOCs	Metals	PCBs
GP-7	58.53	05/12/12	0	58.53	X		X						X	
			7	51.53	X		X						X	
GP-8	58.33	05/14/12	0	58.33	X		X						X	
			7	51.33	X		X						X	
GP-9	58.00	05/14/12	0	58.00	X		X						X	
			7	51.00	X		X						X	
			14	44.00	X		X						X	
GP-14	69.74	04/03/12	0	69.74		X	X					X	X	
			8	61.74		X	X					X	X	
GP-17	70.39	04/04/12	0	70.39		X	X					X	X	
			8	62.39		X	X					X	X	
			16	54.39			X					X		
GP-20	71.02	04/05/12	0	71.02		X	X					X	X	
			8	63.02			X					X		
HC-1	62.33	04/11/19	5	57.33	X	X	X							
			7.5	54.83									X	
			10	52.33	X		X	X	X					
			12.5	49.83	X	X	X			X		X		
			15	47.33		X							X	
			17.5	44.83			X			X		X		
			20	42.33	X		X	X	X				X	
			25	37.33	X	X	X			X		X		
			30	32.33	X	X	X			X		X	X	X
HC-2	62.47	04/11/19	5	57.47		X								
			10	52.47	X	X	X			X		X		
			15	47.47			X			X		X		
HC-3	62.39	04/11/19	7.5	54.89	X	X	X			X		X		
			12.5	49.89				X	X				X	
			15	47.39			X			X		X		
			20	42.39			X			X		X		
			30	32.39	X	X	X			X		X		
HC-4	60.23	04/11/19	10	50.23	X	X								
			15	45.23	X	X	X	X	X	X		X	X	
			35	25.23	X	X	X			X		X		
HC-5	60.7	04/11/19	10	50.70		X								
			15	45.70	X	X	X			X		X	X	
MW-1	61.72	04/11/19	10	51.72	X	X	X			X		X		
			25	36.72	X	X	X			X		X		
			30	31.72			X			X		X		
MW-117	57.78	02/04/13	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		

TABLE 5-3
SOIL SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring ID	Surface Elevation (ft)	Sample Date	Sample Depth (ft)	Sample Elevation (ft)	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[a]	SVOCs	VOCs	Metals	PCBs
MW-307	60.29	10/03/19	6	54.29			X			X		X		
			10	50.29			X			X		X		
			15	45.29			X			X		X		
			20	40.29			X			X		X		
			25	35.29			X			X		X		
			30	30.29			X			X		X		
			35	25.29			X			X		X		
			40	20.29			X			X		X		
			45	15.29			X			X		X		
			50	10.29			X			X		X		
			55	5.29			X			X		X		
			60	0.29			X			X		X		
			65	-4.71			X			X		X		
			70	-9.71			X			X		X		
			75	-14.71			X			X		X		
			80	-19.71			X			X		X		
			85	-24.71			X			X		X		

Notes:

a. 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.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Table shows sampling relevant to Seattle DOT Dexter Parcel Site.
BTEX = Benzene, toluene, ethylbenzene, and xylenes.
cPAHs = Carcinogenic polycyclic aromatic hydrocarbons.
CVOCs = Chlorinated volatile organic compounds.
DRO = Desel-range petroleum hydrocarbons.
ft = feet.
GRO = Gasoline-range petroleum hydrocarbons.
HO = Heavy oil-range petroleum hydrocarbons.
PAHs = Polycyclic aromatic hydrocarbons.
PCBs = Polychlorinated biphenyls.
SVOCs = Semi-volatile organic compounds.
VOCs = Volatile organic compounds.

TABLE 5-4
SOIL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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-GX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX
21417-GP1	4/21/2017	N	69.53	25	44.53	4.58 U	-	21.8 U	-	54.5 U	54.5 U
21417-GP2	4/21/2017	N	66.53	18	48.53	3.8 U	-	18.8 U	-	47 U	47 U
21417-GP4	4/21/2017	N	55.82	12	43.82	**14.6**	-	21.2 U	-	53 U	53 U
				15	40.82	**269**	-	20.9 U	-	52.2 U	52.2 U
21417-GP5	5/19/2017	N	66.2	1	65.20	4.32 U	-	20.9 U	-	52.4 U	52.4 U
				14	52.20	3.71 U	-	20.4 U	-	50.9 U	50.9 U
21417-GP6	5/19/2017	N	66.09	18	48.09	3.98 U	-	19 U	-	47.5 U	47.5 U
21417-GP7	5/19/2017	N	66.49	2	64.49	4.74 U	-	22 U	-	**99.2**	**99.2**
				13	53.49	4.03 U	-	19.9 U	-	49.7 U	49.7 U
BB-10	8/29/1997	N	57.40	15 - 17	42.40 to 40.40	22 U	-	54 U	-	109 U	109 U
DGW-1	3/6/2019	N	55.98	10	45.98	5 U	5 U	20 U	20 U	50 U	50 U
				12.5	43.48	5 U	5 U	20 U	20 U	50 U	50 U
				15	40.98	5 U	5 U	20 U	20 U	50 U	50 U
				25	30.98	5 U	5 U	20 U	20 U	50 U	50 U
DGW-2	3/4/2019	N	66.25	5	61.25	5 U	5 U	20 UJ	20 UJ	50 UJ	50 UJ
				10	56.25	5 U	5 U	20 UJ	20 UJ	50 UJ	50 UJ
				30	36.25	5 U	5 U	20 U	20 U	50 U	50 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	5 U	5 U	20 U	20 U	50 U	50 U
				12.5	43.58	5 U	5 U	20 U	20 U	50 U	50 U
				25	31.08	5 U	5 U	20 U	20 U	50 U	50 U
DGW-4	3/4/2019	N	69.87	5	64.87	5 U	5 U	20 U	20 U	50 U	50 U
				15	54.87	5 U	5 U	20 U	20 U	50 U	50 U
				20	49.87	5 U	5 U	20 U	20 U	50 U	50 U
				35	34.87	5 U	5 U	20 U	20 U	50 U	50 U
				50	19.87	5 U	5 U	20 U	20 U	50 U	50 U
DMW-1S	3/5/2019	N	55.94	5	50.94	5 U	5 U	20 U	20 U	50 U	50 U
				10	45.94	**29**	5 U	20 U	20 U	50 U	50 U
				12.5	43.44	**1200**	5 U	20 U	20 U	50 U	50 U
				15	40.94	**67**	5 U	20 U	20 U	50 U	50 U
				20	35.94	5 U	5 U	20 U	20 U	50 U	50 U
DMW-2S	3/2/2020	N	56.03	5	51.03	5 U	-	50 U	-	250 U	250 U
				10	46.03	**83**	-	50 U	-	250 U	250 U
				15	41.03	5 U	-	50 U	-	250 U	250 U
				20	36.03	5 U	-	50 U	-	250 U	250 U
				25	31.03	5 U	-	50 U	-	250 U	250 U
DMW-3IA	2/27/2020	N	56.09	5	51.09	5 U	-	50 U	-	250 U	250 U
				10	46.09	5 U	-	50 U	-	250 U	250 U
				15	41.09	5 U	-	50 U	-	250 U	250 U
				20	36.09	5 U	-	50 U	-	250 U	250 U
				25	31.09	5 U	-	50 U	-	250 U	250 U
DMW-4S	2/26/2020	N	61.76	5	56.76	5 U	-	50 U	-	250 U	250 U
				10	51.76	5 U	-	50 U	-	250 U	250 U
				15	46.76	5 U	-	50 U	-	250 U	250 U
				20	41.76	5 U	-	50 U	-	250 U	250 U
				25	36.76	**35**	-	50 U	-	250 U	250 U
				30	31.76	5 U	-	50 U	-	250 U	250 U

TABLE 5-4
SOIL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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-GX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX
DMW-5IA	2/28/2020	N	69.48	5	64.48	5 U	-	50 U	-	250 U	250 U
				10	59.48	5 U	-	50 U	-	250 U	250 U
				15	54.48	5 U	-	50 U	-	250 U	250 U
				20	49.48	5 U	-	50 U	-	250 U	250 U
				25	44.48	5 U	-	50 U	-	250 U	250 U
DMW-7S	10/26/2020	N	58.34	5	53.34	5 U	-	50 U	-	250 U	250 U
				10	48.34	5 U	-	50 U	-	250 U	250 U
				15	43.34	5 U	-	50 U	-	250 U	250 U
				20	38.34	5 U	-	50 U	-	250 U	250 U
				25	33.34	5 U	-	50 U	-	250 U	250 U
				30	28.34	5 U	-	50 U	-	250 U	250 U
				35	23.34	5 U	-	50 U	-	250 U	250 U
DMW-8S	10/27/2020	N	58.57	5	53.57	5 U	-	50 U	-	250 U	250 U
				10	48.57	5 U	-	50 U	-	250 U	250 U
				15	43.57	5 U	-	50 U	-	250 U	250 U
				20	38.57	5 U	-	50 U	-	250 U	250 U
				25	33.57	5 U	-	50 U	-	250 U	250 U
				30	28.57	5 U	-	50 U	-	250 U	250 U
				35	23.57	5 U	-	50 U	-	250 U	250 U
DMW-9S	10/27/2020	N	58.85	5	53.85	5 U	-	50 U	-	250 U	250 U
				10	48.85	5 U	-	50 U	-	250 U	250 U
				15	43.85	5 U	-	50 U	-	250 U	250 U
				20	38.85	5 U	-	50 U	-	250 U	250 U
				25	33.85	5 U	-	50 U	-	250 U	250 U
				30	28.85	5 U	-	50 U	-	250 U	250 U
DMW-10S	10/19/2020	N	59.46	5	54.46	5 U	-	50 U	-	250 U	250 U
				10	49.46	5 U	-	50 U	-	250 U	250 U
				15	44.46	5 U	-	50 U	-	250 U	250 U
				20	39.46	5 U	-	50 U	-	250 U	250 U
				25	34.46	5 U	-	50 U	-	250 U	250 U
				30	29.46	5 U	-	50 U	-	250 U	250 U
				35	24.46	5 U	-	50 U	-	250 U	250 U
				40	19.46	5 U	-	50 U	-	250 U	250 U
				45	14.46	5 U	-	50 U	-	250 U	250 U
				50	9.46	5 U	-	50 U	-	250 U	250 U
				55	4.46	5 U	-	50 U	-	250 U	250 U
DMW-11S	10/19/2020	N	61.15	5	56.15	5 U	-	50 U	-	250 U	250 U
				10	51.15	5 U	-	50 U	-	250 U	250 U
				15	46.15	5 U	-	50 U	-	250 U	250 U
				20	41.15	5 U	-	50 U	-	250 U	250 U
				25	36.15	5 U	-	50 U	-	250 U	250 U
	10/20/2020			30	31.15	5 U	-	50 U	-	250 U	250 U
				35	26.15	5 U	-	50 U	-	250 U	250 U
				40	21.15	5 U	-	50 U	-	250 U	250 U
				45	16.15	5 U	-	50 U	-	250 U	250 U
				50	11.15	5 U	-	50 U	-	250 U	250 U
				55	6.15	5 U	-	50 U	-	250 U	250 U

TABLE 5-4
SOIL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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-GX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX
DMW-12S	10/20/2020	N	66.05	5	61.05	5 U	-	50 U	-	250 U	250 U
				10	56.05	5 U	-	50 U	-	250 U	250 U
				15	51.05	5 U	-	50 U	-	250 U	250 U
				20	46.05	5 U	-	50 U	-	250 U	250 U
				25	41.05	5 U	-	50 U	-	250 U	250 U
				30	36.05	5 U	-	50 U	-	250 U	250 U
				35	31.05	5 U	-	50 U	-	250 U	250 U
				40	26.05	5 U	-	50 U	-	250 U	250 U
				45	21.05	5 U	-	50 U	-	250 U	250 U
				50	16.05	5 U	-	50 U	-	250 U	250 U
				55	11.05	5 U	-	50 U	-	250 U	250 U
DMW-13S	10/23/2020	N	66.28	10	56.28	5 U	-	50 U	-	250 U	250 U
				15	51.28	5 U	-	50 U	-	250 U	250 U
				20	46.28	5 U	-	50 U	-	250 U	250 U
				25	41.28	5 U	-	50 U	-	250 U	250 U
				30	36.28	5 U	-	50 U	-	250 U	250 U
				35	31.28	5 U	-	50 U	-	250 U	250 U
				40	26.28	5 U	-	50 U	-	250 U	250 U
				45	21.28	5 U	-	50 U	-	250 U	250 U
				50	16.28	5 U	-	50 U	-	250 U	250 U
DMW-14S	10/28/2020	N	70.29	10	60.29	5 U	-	50 U	-	250 U	250 U
				15	55.29	5 U	-	50 U	-	250 U	250 U
				20	50.29	5 U	-	50 U	-	250 U	250 U
		FD		20	50.29	5 U	-	50 U	-	250 U	250 U
		N		25	45.29	5 U	-	50 U	-	250 U	250 U
				30	40.29	5 U	-	50 U	-	250 U	250 U
				35	35.29	5 U	-	50 U	-	250 U	250 U
				40	30.29	5 U	-	50 U	-	250 U	250 U
				45	25.29	5 U	-	50 U	-	250 U	250 U
				50	20.29	5 U	-	50 U	-	250 U	250 U
DPP-1	3/4/2019	N	68.80	5	63.80	5 U	5 U	20 U	20 U	50 U	50 U
				7.5	61.30	-	-	20 U	20 U	50 U	50 U
				10	58.80	-	-	20 U	20 U	50 U	50 U
				20	48.80	-	-	20 U	20 U	50 U	50 U
DPP-2	3/4/2019	N	66.24	5	61.24	-	-	20 U	20 U	50 U	50 U
				10	56.24	5 U	5 U	20 U	20 U	50 U	50 U
DPP-3	3/5/2019	N	55.98	5	50.98	5 U	5 U	20 U	20 U	50 U	50 U
				30	25.98	5 U	5 U	20 U	20 U	50 U	50 U
DPP-4	3/4/2019	N	66.25	12.5	53.75	5 U	5 U	20 U	20 U	50 U	50 U
				20	46.25	5 U	5 U	20 U	20 U	50 U	50 U
DPP-5	3/4/2019	N	66.26	10	56.26	5 U	5 U	20 U	20 U	50 U	50 U
				17.5	48.76	5 U	5 U	20 U	20 U	50 U	50 U
				20	46.26	-	-	20 U	20 U	50 U	50 U
DPP-6	3/5/2019	N	55.92	12.5	43.42	5 U	5 U	20 U	20 U	50 U	50 U
				17.5	38.42	5 U	5 U	20 U	20 U	50 U	50 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	-	-	-	-	-

TABLE 5-4
SOIL RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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-GX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX
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	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	17.7 U	-	44.2 U	44.2 U
				8 - 13.5	61.74 to 56.24	-	-	18.1 U	-	45.2 U	45.2 U
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	20.4 U	-	51 U	51 U
				8 - 16	62.39 to 54.39	-	-	18.3 U	-	45.7 U	45.7 U
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	19.7 U	-	49.3 U	49.3 U
HC-1	4/11/2019	N	62.33	5	57.33	5 U	5 U	20 U	-	50 U	50 U
				10	52.33	5 U	5 U	-	-	-	-
				12.5	49.83	5 U	5 U	20 U	-	50 U	50 U
				15	47.33	-	-	20 U	-	50 U	50 U
				20	42.33	5 U	5 U	-	-	-	-
				25	37.33	**290**	5 U	20 U	-	50 U	50 U
				30	32.33	**30**	5 U	20 U	-	50 U	50 U
HC-2	4/11/2019	N	62.47	5	57.47	-	-	20 U	-	50 U	50 U
				10	52.47	5 U	5 U	20 U	-	50 U	50 U
HC-3	4/11/2019	N	62.39	7.5	54.89	5 U	5 U	20 U	-	50 U	50 U
				30	32.39	5 U	5 U	20 U	-	50 U	50 U
HC-4	4/11/2019	N	60.23	10	50.23	5 U	5 U	20 U	-	50 U	50 U
				15	45.23	5 U	5 U	20 U	-	50 U	50 U
				35	25.23	**9.8**	5 U	20 U	-	50 U	50 U
HC-5	4/11/2019	N	60.7	10	50.70	-	-	20 U	-	50 U	50 U
				15	45.70	5 U	5 U	20 U	-	50 U	50 U
MW-1	4/11/2019	N	61.72	10	51.72	5 U	5 U	20 U	-	50 U	50 U
				25	36.72	5 U	5 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 = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0000356 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.0325 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0328 U
				15	40.82	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0295 U
21417-GP5	5/19/2017	N	66.20	1	65.2	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.032 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-1S	3/5/2019	N	55.94	15	40.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-4S	2/26/2020	N	61.76	5	56.76	**0.012**	**0.01**	**0.015**	0.01 U	**0.015**	0.01 U	0.01 U	**0.014**
				10	51.76	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	46.76	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	41.76	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	36.76	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
				30	31.76	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HC-1	4/11/2019	N	62.33	10	52.33	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
				20	42.33	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
HC-3	4/11/2019	N	62.39	12.5	49.89	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
HC-4	4/11/2019	N	60.23	15	45.23	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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											
						1,2,4-Trichloro benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	1,4-Dichloro benzene	1-Methyl naphthalene	2,4,5-Trichloro phenol	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dimethyl phenol	2,4-Dinitro phenol	2,4-Dinitro toluene	2,6-Dinitro 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
					Analytical Method	-	-	-	-	SW8270SIM	-	-	-	-	-	-	-
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0707 U	0.0707 U	0.0707 U	0.0471 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.189 U	0.0943 U	0.0943 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	-	-	0.043 U	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	-	-	0.0434 U	-	-	-	-	-	-	-
				15	40.82	-	-	-	-	**0.112**	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.2	-	-	-	-	0.042 U	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	-	-	0.1 U	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	-	-	0.1 U	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.76	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.76	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.76	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.76	-	-	-	-	-	-	-	-	-	-	-	-
				30	31.76	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	0.1 U	-	-	-	-	-	-	-
				20	42.33	-	-	-	-	0.1 U	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	-	-	0.1 U	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	-	-	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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											
						2-Chloro naphthalene	2-Chloro phenol	2-Methyl naphthalene	2-Methyl phenol (o-Cresol)	2-Nitro aniline	2-Nitro phenol	3&4-Methyl phenol	4,6-Dinitro-2-methyl phenol	4-Bromo phenyl phenyl ether	4-Chloro-3-methyl phenol	4-Chloro aniline	4-Chloro phenyl phenyl ether
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	-	-	SW8270SIM	-	-	-	-	-	-	-	-	-
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0943 U	0.0471 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.189 U	0.0707 U	0.189 U	0.0707 U	0.0707 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	0.043 U	-	-	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	0.0434 U	-	-	-	-	-	-	-	-	-
				15	40.82	-	-	**0.279**	-	-	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.2	-	-	0.042 U	-	-	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	0.1 U	-	-	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	0.1 U	-	-	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.76	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.76	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.76	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.76	-	-	-	-	-	-	-	-	-	-	-	-
				30	31.76	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	0.1 U	-	-	-	-	-	-	-	-	-
				20	42.33	-	-	0.1 U	-	-	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	0.1 U	-	-	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
						4-Nitro phenol	Acenaph thene	Acenaph thylene	Anthracene	Benzo(g,h,i) perylene	Benzyl Alcohol	bis(2-Chloro ethoxy) methane	bis(2-Chloro ethyl)ether	bis(2-Ethylhexyl) adipate	bis(2-Ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	-	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	-	-	-	-	-	-	-
21417-GP2	4/21/2017	N	66.53	18	48.53	0.471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0943 U	0.0707 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0707 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.043 U	0.043 U	0.043 U	0.043 U	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	0.0434 U	0.0434 U	0.0434 U	0.0434 U	-	-	-	-	-	-	-
				15	40.82	-	0.0391 U	0.0391 U	0.0391 U	0.0391 U	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.2	-	0.042 U	0.042 U	0.042 U	0.042 U	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				10	51.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				15	46.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				20	41.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				25	36.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				30	31.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
				20	42.33	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	0.1 U	0.1 U	0.1 U	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
						Dibenzo furan	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclo pentadiene	Hexachloro ethane	Isophorone
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	-	-	-	-	-	SW8270SIM SW8270ESIM	SW8270SIM SW8270ESIM	-	-	-	-	-
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0471 U	0.0471 U	0.0707 U	0.0707 U	0.0943 U	0.0943 U	0.0943 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	-	-	-	0.043 U	0.043 U	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	-	-	-	0.0434 U	0.0434 U	-	-	-	-	-
				15	40.82	-	-	-	-	-	0.0391 U	0.0391 U	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.2	-	-	-	-	-	0.042 U	0.042 U	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	**0.025**	0.01 U	-	-	-	-	-
				10	51.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				15	46.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				20	41.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				25	36.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				30	31.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
				20	42.33	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	-	-	-	0.1 U	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Naphthalene
						mg/kg
					Analytical Method	SW8270SIM SW8270ESIM
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0471 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.043 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0434 U
				15	40.82	**0.414**
21417-GP5	5/19/2017	N	66.20	1	65.2	0.042 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.1 U
DMW-1S	3/5/2019	N	55.94	15	40.94	0.1 U
DMW-4S	2/26/2020	N	61.76	5	56.76	0.01 U
				10	51.76	0.01 U
				15	46.76	0.01 U
				20	41.76	0.01 U
				25	36.76	**0.014**
				30	31.76	0.01 U
HC-1	4/11/2019	N	62.33	10	52.33	0.1 U
				20	42.33	0.1 U
HC-3	4/11/2019	N	62.39	12.5	49.89	0.1 U
HC-4	4/11/2019	N	60.23	15	45.23	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-5
SOIL RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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					
						Nitro benzene	N-Nitroso di-n-propylamine	Pentachloro phenol	Phen anthrene	Phenol	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	-	-	-	SW8270SIM SW8270ESIM	-	SW8270SIM SW8270ESIM
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0943 U	0.0943 U	0.0943 U	0.0471 U	0.0943 U	0.0471 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	-	0.043 U	-	0.043 U
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	-	0.0434 U	-	0.0434 U
				15	40.82	-	-	-	0.0391 U	-	0.0391 U
21417-GP5	5/19/2017	N	66.20	1	65.2	-	-	-	0.042 U	-	0.042 U
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	-	0.1 U	-	0.1 U
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	-	0.1 U	-	0.1 U
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	0.01 U	-	**0.023**
				10	51.76	-	-	-	0.01 U	-	0.01 U
				15	46.76	-	-	-	0.01 U	-	0.01 U
				20	41.76	-	-	-	0.01 U	-	0.01 U
				25	36.76	-	-	-	0.01 U	-	0.01 U
				30	31.76	-	-	-	0.01 U	-	0.01 U
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	0.1 U	-	0.1 U
				20	42.33	-	-	-	0.1 U	-	0.1 U
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	-	0.1 U	-	0.1 U
HC-4	4/11/2019	N	60.23	15	45.23	-	-	-	0.1 U	-	0.1 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-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)
						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
					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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0275 U	0.0183 U	0.0183 U	0.0275 U	0.0183 U	0.0458 U	0.0183 U	0.0183 U	0.0183 U	-	0.0458 U	0.0183 U	0.458 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0243 U	0.0162 U	0.0162 U	0.0243 U	0.0162 U	0.0405 U	0.0162 U	0.0162 U	0.0162 U	-	0.0405 U	0.0162 U	0.405 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0299 U	0.0199 U	0.0199 U	0.0299 U	0.0199 U	0.0498 U	0.0199 U	0.0199 U	0.0199 U	-	0.0498 U	**0.146**	0.498 U
				15	40.82	0.0283 U	0.0189 U	0.0189 U	0.0283 U	0.0189 U	0.0472 U	0.0189 U	0.0189 U	0.0189 U	-	0.0472 U	**1.61**	0.472 U
21417-GP5	5/19/2017	N	66.2	1	65.20	0.0259 U	0.0173 U	0.0173 U	0.0259 U	0.0173 U	0.0432 U	0.0173 U	0.0173 U	0.0173 U	-	0.0432 U	0.0173 U	0.432 U
				14	52.20	0.0223 U	0.0148 U	0.0148 U	0.0223 U	0.0148 U	0.0371 U	0.0148 U	0.0148 U	0.0148 U	-	0.0371 U	0.0148 U	0.371 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0239 U	0.0159 U	0.0159 U	0.0239 U	0.0159 U	0.0398 U	0.0159 U	0.0159 U	0.0159 U	-	0.0398 U	0.0159 U	0.398 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0284 U	0.0189 U	0.0189 U	0.0284 U	0.0189 U	0.0474 U	0.0189 U	0.0189 U	0.0189 U	-	0.0474 U	0.0189 U	0.474 U
				13	53.49	0.0242 U	0.0161 U	0.0161 U	0.0242 U	0.0161 U	0.0403 U	0.0161 U	0.0161 U	0.0161 U	-	0.0403 U	0.0161 U	0.403 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.05 U	0.05 U	0.05 U	0.05 U	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	43.48	0.05 U	0.05 U	0.05 U	0.05 U	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	40.98	0.05 U	0.05 U	0.05 U	0.05 U	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	30.98	0.05 U	0.05 U	0.05 U	0.05 U	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	25.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	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
				10	56.25	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
				25	41.25	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
				30	36.25	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
DGW-3	3/6/2019	N	56.08	2.5	53.58	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
				12.5	43.58	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
				15	41.08	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
				20	36.08	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
				25	31.08	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
DGW-4	3/4/2019	N	69.87	5	64.87	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
				10	59.87	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
				15	54.87	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
				20	49.87	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
				35	34.87	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
				50	19.87	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
DMW-1S	3/5/2019	N	55.94	5	50.94	0.05 U	0.05 U	0.05 U	0.05 U	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	45.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.51**	0.05 U
				12.5	43.44	0.05 U	0.05 U	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**	0.05 U
				15	40.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**1.9**	0.05 U
				20	35.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DMW-2S	3/2/2020	N	56.03	5	51.03	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
				10	46.03	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	-	-	**0.31 J**	0.05 U
				15	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	-	-	0.005 U	0.05 U
				20	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	-	-	0.005 U	0.05 U
				25	31.03	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

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-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)
						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
					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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.005 U	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
				10	46.09	0.005 U	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
				15	41.09	0.005 U	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
				20	36.09	0.005 U	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
				25	31.09	0.005 U	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
DMW-4S	2/26/2020	N	61.76	5	56.76	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
				10	51.76	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
				15	46.76	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
				20	41.76	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
				25	36.76	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	-	-	**0.016**	0.05 U
				30	31.76	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
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.005 U	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
				10	59.48	0.005 U	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
				15	54.48	0.005 U	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
				20	49.48	0.005 U	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
				25	44.48	0.005 U	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
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-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)
						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
					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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	29.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/20/2020			30	31.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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)
						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
					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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	40.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.80	5	63.80	0.05 U	0.05 U	0.05 U	0.05 U	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	61.30	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
				10	58.80	0.05 U	0.05 U	0.05 U	0.05 U	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	48.80	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-2	3/4/2019	N	66.24	5	61.24	0.05 U	0.05 U	0.05 U	0.05 U	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	56.24	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	0.05 U	0.05 U	0.05 U	0.05 U	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	40.98	0.05 U	0.05 U	0.05 U	0.05 U	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	25.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	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
				12.5	53.75	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
				17.5	48.75	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
				20	46.25	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
DPP-5	3/4/2019	N	66.26	10	56.26	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
				17.5	48.76	0.05 U	0.05 U	0.05 U	0.05 U	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	46.26	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
DPP-6	3/5/2019	N	55.92	5	50.92	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
				7.5	48.42	0.05 U	0.05 U	0.05 U	0.05 U	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	43.42	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	38.42	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-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)
						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
					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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	52.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	44.83	0.05 U	0.05 U	0.05 U	0.05 U	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	42.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	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	**2.8**	0.05 U
				30	32.33	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	**0.97**	0.05 U
HC-2	4/11/2019	N	62.47	10	52.47	0.05 U	0.05 U	0.05 U	0.05 U	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	47.47	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	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
				15	47.39	0.05 U	0.05 U	0.05 U	0.05 U	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	42.39	0.05 U	0.05 U	0.05 U	0.05 U	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	32.39	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	0.05 U	0.05 U	0.05 U	0.05 U	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	25.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.37**	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	0.05 U	0.05 U	0.05 U	0.05 U	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-1	4/11/2019	N	61.72	10	51.72	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	0.05 U	0.05 U
				25	36.72	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	0.05 U	0.05 U
				30	31.72	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	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-307	10/3/2019	N	60.29	6	54.29	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.014 U	0.00559 U	0.014 U	0.00559 U	0.0279 U
				10	50.29	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.0144 U	0.00576 U	0.0144 U	0.00576 U	0.0288 U
				15	45.29	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.0135 U	0.00539 U	0.0135 U	0.00539 U	0.0269 U
				20	40.29	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.0134 U	0.00535 U	0.0134 U	0.00535 U	0.0267 U
				25	35.29	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.0137 U	0.00549 U	0.0137 U	0.00549 U	0.0274 U
				30	30.29	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.0184 U	0.00737 U	0.0184 U	0.00737 U	0.0369 U
				35	25.29	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.0134 U	0.00535 U	0.0134 U	0.00535 U	0.0267 U
				40	20.29	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.0143 U	0.00571 U	0.0143 U	0.00571 U	0.0285 U
				45	15.29	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.0138 U	0.00551 U	0.0138 U	0.00551 U	0.0276 U
				50	10.29	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
				55	5.29	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.0136 U	0.00543 U	0.0136 U	0.00543 U	0.0271 U
				60	0.29	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	0.00565 U	0.0141 U	**0.00217 J**	0.0282 U
				65	-4.71	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.0288 U	0.0115 U	0.0288 U	**0.00355 J**	0.0575 U
				70	-9.71	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.143 U	0.0573 U	0.143 U	0.0573 U	0.286 U
				75	-14.71	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.0138 U	0.00551 U	0.0138 U	0.00551 U	0.0276 U
				80	-19.71	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	0.00584 U	0.0146 U	**0.00186 J**	0.0293 U
				85	-24.71	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	0.00573 U	0.0143 U	**0.00182 J**	0.0286 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)
						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
					Analytical Method	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C
21417-GP1	4/21/2017	N	69.53	25	44.53	0.00458 U	0.0183 U	0.0275 U	0.0183 U	0.0183 U	0.0183 U	0.0458 U	0.0183 U	0.0458 U	-	0.0183 U	-	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.00405 U	0.0162 U	0.0243 U	0.0162 U	0.0162 U	0.0162 U	0.0405 U	0.0162 U	0.0405 U	-	0.0162 U	-	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.00498 U	0.0199 U	0.0299 U	0.0199 U	0.0199 U	0.0199 U	0.0498 U	0.0199 U	0.0498 U	-	0.0199 U	-	0.0199 U
				15	40.82	0.00433 U	0.0189 U	0.0283 U	0.0189 U	**0.741**	0.0189 U	0.0472 U	0.0189 U	0.0472 U	-	**0.171**	-	**0.25**
21417-GP5	5/19/2017	N	66.2	1	65.20	0.00432 U	0.0173 U	0.0259 U	0.0173 U	0.0173 U	0.0173 U	0.0432 U	0.0173 U	0.0432 U	-	0.0173 U	-	0.0173 U
				14	52.20	0.00371 U	0.0148 U	0.0223 U	0.0148 U	0.0148 U	0.0148 U	0.0371 U	0.0148 U	0.0371 U	-	0.0148 U	-	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.00398 U	0.0159 U	0.0239 U	0.0159 U	0.0159 U	0.0159 U	0.0398 U	0.0159 U	0.0398 U	-	0.0159 U	-	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.00474 U	0.0189 U	0.0284 U	0.0189 U	0.0189 U	0.0189 U	0.0474 U	0.0189 U	0.0474 U	-	0.0189 U	-	0.0189 U
				13	53.49	0.00403 U	0.0161 U	0.0242 U	0.0161 U	0.0161 U	0.0161 U	0.0403 U	0.0161 U	0.0403 U	-	0.0161 U	-	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	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	-	0.05 U	-	0.05 U
				12.5	43.48	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	-	0.05 U	-	0.05 U
				15	40.98	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	-	0.05 U	-	0.05 U
				25	30.98	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	-	0.05 U	-	0.05 U
				30	25.98	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	-	0.05 U	-	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	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	-	0.05 U	-	0.05 U
				10	56.25	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	-	0.05 U	-	0.05 U
				25	41.25	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	-	0.05 U	-	0.05 U
				30	36.25	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	-	0.05 U	-	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	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	-	0.05 U	-	0.05 U
				12.5	43.58	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	-	0.05 U	-	0.05 U
				15	41.08	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	-	0.05 U	-	0.05 U
				20	36.08	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	-	0.05 U	-	0.05 U
				25	31.08	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	-	0.05 U	-	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	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	-	0.05 U	-	0.05 U
				10	59.87	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	-	0.05 U	-	0.05 U
				15	54.87	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	-	0.05 U	-	0.05 U
				20	49.87	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	-	0.05 U	-	0.05 U
				35	34.87	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	-	0.05 U	-	0.05 U
				50	19.87	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	-	0.05 U	-	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	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	-	0.05 U	-	0.05 U
				10	45.94	0.005 U	0.05 U	0.02 U	0.05 U	**0.19**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	**0.071**
				12.5	43.44	0.005 U	0.05 U	0.02 U	0.05 U	**6.2**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	**1.9**
				15	40.94	0.005 U	0.05 U	0.02 U	0.05 U	**0.76**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	**0.25**
				20	35.94	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	-	0.05 U	-	0.05 U
DMW-2S	3/2/2020	N	56.03	5	51.03	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				10	46.03	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				15	41.03	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				20	36.03	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				25	31.03	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)
						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
					Analytical Method	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C
DMW-3IA	2/27/2020	N	56.09	5	51.09	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				10	46.09	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				15	41.09	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				20	36.09	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				25	31.09	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				10	51.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				15	46.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				20	41.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				25	36.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				30	31.76	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				10	59.48	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				15	54.48	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				20	49.48	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
				25	44.48	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	-	-
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)
						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
					Analytical Method	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	29.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/20/2020			30	31.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)
						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
					Analytical Method	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	40.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.80	5	63.80	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	-	0.05 U	-	0.05 U
				7.5	61.30	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	-	0.05 U	-	0.05 U
				10	58.80	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	-	0.05 U	-	0.05 U
				20	48.80	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	-	0.05 U	-	0.05 U
DPP-2	3/4/2019	N	66.24	5	61.24	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	-	0.05 U	-	0.05 U
				10	56.24	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	-	0.05 U	-	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	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	-	0.05 U	-	0.05 U
				15	40.98	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	-	0.05 U	-	0.05 U
				30	25.98	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	-	0.05 U	-	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	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	-	0.05 U	-	0.05 U
				12.5	53.75	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	-	0.05 U	-	0.05 U
				17.5	48.75	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	-	0.05 U	-	0.05 U
				20	46.25	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	-	0.05 U	-	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	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	-	0.05 U	-	0.05 U
				17.5	48.76	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	-	0.05 U	-	0.05 U
				20	46.26	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	-	0.05 U	-	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	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	-	0.05 U	-	0.05 U
				7.5	48.42	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	-	0.05 U	-	0.05 U
				12.5	43.42	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	-	0.05 U	-	0.05 U
				17.5	38.42	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	-	0.05 U	-	0.05 U
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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-Chlorotoluene	2-Hexanone	2-Phenylbutane (sec-Butylbenzene)
						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
					Analytical Method	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	52.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	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	-	0.05 U	-	0.05 U
				17.5	44.83	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	-	0.05 U	-	0.05 U
				20	42.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	0.005 U	0.05 U	0.02 U	0.05 U	**1.9**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	**0.66**
				30	32.33	0.005 U	0.05 U	0.02 U	0.05 U	**0.43**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	**0.1**
HC-2	4/11/2019	N	62.47	10	52.47	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	-	0.05 U	-	0.05 U
				15	47.47	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	-	0.05 U	-	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	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	-	0.05 U	-	0.05 U
				15	47.39	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	-	0.05 U	-	0.05 U
				20	42.39	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	-	0.05 U	-	0.05 U
				30	32.39	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	-	0.05 U	-	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	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	-	0.05 U	-	0.05 U
				35	25.23	0.005 U	0.05 U	0.02 U	0.05 U	**0.18**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	-	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	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	-	0.05 U	-	0.05 U
MW-1	4/11/2019	N	61.72	10	51.72	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	-	0.05 U	-	0.05 U
				25	36.72	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	-	0.05 U	-	0.05 U
				30	31.72	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	-	0.05 U	-	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-307	10/3/2019	N	60.29	6	54.29	0.00279 U	0.00559 U	0.00279 U	0.00559 U	0.00559 U	0.00559 U	0.00559 U	0.00559 U	0.00279 U	**0.0171 J**	0.00279 U	0.0279 U	0.014 U
				10	50.29	0.00288 U	0.00576 U	0.00288 U	0.00576 U	0.00576 U	0.00576 U	0.00576 U	0.00576 U	0.00288 U	**0.0262 J**	0.00288 U	0.0288 U	0.0144 U
				15	45.29	0.00269 U	0.00539 U	0.00269 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00269 U	0.0269 U	0.00269 U	0.0269 U	0.0135 U
				20	40.29	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00267 U	**0.0139 J**	0.00267 U	0.0267 U	0.0134 U
				25	35.29	0.00274 U	0.00549 U	0.00274 U	0.00549 U	0.00549 U	0.00549 U	0.00549 U	0.00549 U	0.00274 U	0.0274 U	0.00274 U	0.0274 U	0.0137 U
				30	30.29	0.00369 U	0.00737 U	0.00369 U	0.00737 U	0.00737 U	0.00737 U	0.00737 U	0.00737 U	0.00369 U	0.0369 U	0.00369 U	0.0369 U	0.0184 U
				35	25.29	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00267 U	**0.0154 J**	0.00267 U	0.0267 U	0.0134 U
				40	20.29	0.00285 U	0.00571 U	0.00285 U	0.00571 U	0.00571 U	0.00571 U	0.00571 U	0.00571 U	0.00285 U	0.0285 U	0.00285 U	0.0285 U	0.0143 U
				45	15.29	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	**0.016 J**	0.00276 U	0.0276 U	0.0138 U
				50	10.29	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	**0.0181 J**	0.00278 U	0.0278 U	0.0139 U
				55	5.29	0.00271 U	0.00543 U	0.00271 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00271 U	**0.0201 J**	0.00271 U	0.0271 U	0.0136 U
				60	0.29	0.00282 U	0.00565 U	0.00282 U	0.00565 U	0.00565 U	0.00565 U	0.00565 U	0.00565 U	0.00282 U	0.0282 U	0.00282 U	0.0282 U	0.0141 U
				65	-4.71	0.00575 U	0.0115 U	0.00575 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.00575 U	0.0575 U	0.00575 U	0.0575 U	0.0288 U
				70	-9.71	0.0286 U	0.0573 U	0.0286 U	0.0573 U	0.0573 U	0.0573 U	0.0573 U	0.0573 U	0.0286 U	0.286 U	0.0286 U	0.286 U	0.143 U
				75	-14.71	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	**0.0174 J**	0.00276 U	0.0276 U	0.0138 U
				80	-19.71	0.00293 U	0.00584 U	0.00293 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00293 U	**0.0201 J**	0.00293 U	0.0293 U	0.0146 U
				85	-24.71	0.00286 U	0.00573 U	0.00286 U	0.00573 U	0.00573 U	0.00573 U	0.00573 U	0.00573 U	0.00286 U	**0.0314**	0.00286 U	0.0286 U	0.0143 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0183 U	-	-	-	0.0183 U	0.0275 U	0.0183 U	0.0183 U	0.0824 U	-	0.0183 U	0.0183 U	-
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0162 U	-	-	-	0.0162 U	0.0243 U	0.0162 U	0.0162 U	0.0729 U	-	0.0162 U	0.0162 U	-
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0199 U	-	-	-	0.0199 U	0.0299 U	0.0199 U	0.0199 U	0.0897 U	-	0.0199 U	0.0199 U	-
				15	40.82	0.0189 U	-	-	-	0.0189 U	0.0283 U	0.0189 U	0.0189 U	0.0849 U	-	0.0189 U	0.0189 U	-
21417-GP5	5/19/2017	N	66.2	1	65.20	0.0173 U	-	-	-	0.0173 U	0.0259 U	0.0173 U	0.0173 U	0.0777 U	-	0.0173 U	0.0173 U	-
				14	52.20	0.0148 U	-	-	-	0.0148 U	0.0223 U	0.0148 U	0.0148 U	0.0668 U	-	0.0148 U	0.0148 U	-
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0159 U	-	-	-	0.0159 U	0.0239 U	0.0159 U	0.0159 U	0.0717 U	-	0.0159 U	0.0159 U	-
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0189 U	-	-	-	0.0189 U	0.0284 U	0.0189 U	0.0189 U	0.0853 U	-	0.0189 U	0.0189 U	-
				13	53.49	0.0161 U	-	-	-	0.0161 U	0.0242 U	0.0161 U	0.0161 U	0.0726 U	-	0.0161 U	0.0161 U	-
DGW-1	3/6/2019	N	55.98	10	45.98	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	43.48	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	40.98	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	30.98	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	25.98	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DGW-2	3/4/2019	N	66.25	5	61.25	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	56.25	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	41.25	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	36.25	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DGW-3	3/6/2019	N	56.08	2.5	53.58	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	43.58	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	41.08	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	36.08	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	31.08	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DGW-4	3/4/2019	N	69.87	5	64.87	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	59.87	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	54.87	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	49.87	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	34.87	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	19.87	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DMW-1S	3/5/2019	N	55.94	5	50.94	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	45.94	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	43.44	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	40.94	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	35.94	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DMW-2S	3/2/2020	N	56.03	5	51.03	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				10	46.03	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				15	41.03	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				20	36.03	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				25	31.03	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				10	46.09	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				15	41.09	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				20	36.09	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				25	31.09	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
DMW-4S	2/26/2020	N	61.76	5	56.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				10	51.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				15	46.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				20	41.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				25	36.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				30	31.76	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				10	59.48	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				15	54.48	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				20	49.48	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
				25	44.48	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-	0.005 U	0.005 U	-
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	28.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	28.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	48.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	28.85	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	29.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
	10/20/2020			30	31.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	36.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	36.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				30	40.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.80	5	63.80	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	61.30	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	58.80	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	48.80	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DPP-2	3/4/2019	N	66.24	5	61.24	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	56.24	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DPP-3	3/5/2019	N	55.98	5	50.98	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	40.98	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	25.98	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DPP-4	3/4/2019	N	66.25	10	56.25	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	53.75	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
				17.5	48.75	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	46.25	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DPP-5	3/4/2019	N	66.26	10	56.26	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
				17.5	48.76	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	46.26	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
DPP-6	3/5/2019	N	55.92	5	50.92	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	48.42	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	43.42	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
				17.5	38.42	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
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	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	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	0.0161 U	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	0.0137 U	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	0.0197 U	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	0.0196 U	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	0.0201 U	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane	Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260C	SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	0.0197 U	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	0.0158 U	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				10	52.33	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				12.5	49.83	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
				17.5	44.83	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	42.33	-	-	-	-	0.02 U	-	-	-	-	-	-	-	-
				25	37.33	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	32.33	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
HC-2	4/11/2019	N	62.47	10	52.47	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	47.47	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
HC-3	4/11/2019	N	62.39	7.5	54.89	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	47.39	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	42.39	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	32.39	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
HC-4	4/11/2019	N	60.23	15	45.23	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	25.23	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	-
HC-5	4/11/2019	N	60.70	15	45.70	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-1	4/11/2019	N	61.72	10	51.72	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	36.72	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	31.72	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-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	27.78	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-307	10/3/2019	N	60.29	6	54.29	0.00559 U	0.0279 U	0.0279 U	0.014 U	0.00112 U	0.014 U	0.00279 U	0.0279 U	0.014 U	0.014 U	0.00559 U	0.00279 U	0.00559 U
				10	50.29	0.00576 U	0.0288 U	**0.0253 J**	0.0144 U	**0.000462 J**	0.0144 U	0.00288 U	0.0288 U	0.0144 U	0.0144 U	0.00576 U	0.00288 U	0.00576 U
				15	45.29	0.00539 U	0.0269 U	0.0269 U	0.0135 U	0.00108 U	0.0135 U	0.00269 U	0.0269 U	0.0135 U	0.0135 U	0.00539 U	0.00269 U	0.00539 U
				20	40.29	0.00535 U	0.0267 U	0.0267 U	0.0134 U	0.00107 U	0.0134 U	0.00267 U	0.0267 U	0.0134 U	0.0134 U	0.00535 U	0.00267 U	0.00535 U
				25	35.29	0.00549 U	0.0274 U	0.0274 U	0.0137 U	0.0011 U	0.0137 U	0.00274 U	0.0274 U	0.0137 U	0.0137 U	0.00549 U	0.00274 U	0.00549 U
				30	30.29	0.00737 U	0.0369 U	0.0369 U	0.0184 U	0.00147 U	0.0184 U	0.00369 U	0.0369 U	0.0184 U	0.0184 U	0.00737 U	0.00369 U	0.00737 U
				35	25.29	0.00535 U	0.0267 U	0.0267 U	0.0134 U	0.00107 U	0.0134 U	0.00267 U	0.0267 U	0.0134 U	0.0134 U	0.00535 U	0.00267 U	0.00535 U
				40	20.29	0.00571 U	0.0285 U	**0.0164 J**	0.0143 U	0.00114 U	0.0143 U	0.00285 U	0.0285 U	0.0143 U	0.0143 U	0.00571 U	0.00285 U	0.00571 U
				45	15.29	0.00551 U	0.0276 U	0.0276 U	0.0138 U	0.0011 U	0.0138 U	0.00276 U	0.0276 U	0.0138 U	0.0138 U	0.00551 U	0.00276 U	0.00551 U
				50	10.29	0.00556 U	0.0278 U	0.0278 U	0.0139 U	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
				55	5.29	0.00543 U	0.0271 U	0.0271 U	0.0136 U	0.00109 U	0.0136 U	0.00271 U	0.0271 U	0.0136 U	0.0136 U	0.00543 U	0.00271 U	0.00543 U
				60	0.29	0.00565 U	0.0282 U	0.0282 U	0.0141 U	0.00113 U	0.0141 U	0.00282 U	0.0282 U	0.0141 U	0.0141 U	0.00565 UJ	0.00282 U	0.00565 U
				65	-4.71	0.0115 U	0.0575 U	**0.0867 J**	0.0288 U	0.0023 U	0.0288 U	0.00575 U	0.0575 U	0.0288 U	0.0288 U	0.0115 UJ	0.00575 U	0.0115 U
				70	-9.71	0.0573 U	0.286 U	0.286 U	0.143 U	0.0115 U	0.143 U	0.0286 U	0.286 U	0.143 U	0.143 U	0.0573 UJ	0.0286 U	0.0573 U
				75	-14.71	0.00551 U	0.0276 U	**0.0351 J**	0.0138 U	0.0011 U	0.0138 U	0.00276 U	0.0276 U	0.0138 U	0.0138 U	0.00551 UJ	0.00276 U	0.00551 U
				80	-19.71	0.00584 U	0.0293 U	**0.0731 J**	0.0146 U	0.00117 U	0.0146 U	0.00293 U	0.0293 U	0.0146 U	0.0146 U	0.00584 UJ	0.00293 U	0.00584 U
				85	-24.71	0.00573 U	0.0286 U	**0.0667 J**	0.0143 U	**0.000836 J**	0.0143 U	0.00286 U	0.0286 U	0.0143 U	**0.00864 J**	0.00573 UJ	0.00286 U	0.00573 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						Chloro ethane	Chloroform (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)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
21417-GP1	4/21/2017	N	69.53	25	44.53	0.055 U	0.0183 U	0.055 U	0.0183 U	0.0183 U	-	0.0275 U	0.0366 U	0.055 U	-	0.0275 U	0.0916 U	-
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0486 U	0.0162 U	0.0486 U	0.0162 U	0.0162 U	-	0.0243 U	0.0324 U	0.0486 U	-	0.0243 U	0.081 U	-
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0598 U	0.0199 U	0.0598 U	0.0199 U	0.0199 U	-	0.0299 U	0.0399 U	0.0598 U	-	**0.0414**	0.0996 U	-
				15	40.82	0.0566 U	0.0189 U	0.0566 U	0.0189 U	0.0189 U	-	283 U	0.0377 U	0.0566 U	-	**0.456**	0.0944 U	-
21417-GP5	5/19/2017	N	66.2	1	65.20	0.0518 U	0.0173 U	0.0518 U	0.0173 U	0.0173 U	-	0.0259 U	0.0345 U	0.0518 U	-	0.0259 U	0.0863 U	-
				14	52.20	0.0445 U	0.0148 U	0.0445 U	0.0148 U	0.0148 U	-	0.0223 U	0.0297 U	0.0445 U	-	0.0223 U	0.0742 U	-
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0478 U	0.0159 U	0.0478 U	0.0159 U	0.0159 U	-	0.0239 U	0.0318 U	0.0478 U	-	0.0239 U	0.0796 U	-
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0568 U	0.0189 U	0.0568 U	0.0189 U	0.0189 U	-	0.0284 U	0.0379 U	0.0568 U	-	0.0284 U	0.0947 U	-
				13	53.49	0.0484 U	0.0161 U	0.0484 U	0.0161 U	0.0161 U	-	0.0242 U	0.0323 U	0.0484 U	-	0.0242 U	0.0807 U	-
DGW-1	3/6/2019	N	55.98	10	45.98	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	0.05 U	-
				12.5	43.48	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	0.05 U	-
				15	40.98	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	0.05 U	-
				25	30.98	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	0.05 U	-
				30	25.98	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	0.05 U	-
DGW-2	3/4/2019	N	66.25	5	61.25	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	0.05 U	-
				10	56.25	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	0.05 U	-
				25	41.25	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	0.05 U	-
				30	36.25	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	0.05 U	-
DGW-3	3/6/2019	N	56.08	2.5	53.58	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	0.05 U	-
				12.5	43.58	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	0.05 U	-
				15	41.08	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	0.05 U	-
				20	36.08	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	0.05 U	-
				25	31.08	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	0.05 U	-
DGW-4	3/4/2019	N	69.87	5	64.87	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	0.05 U	-
				10	59.87	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	0.05 U	-
				15	54.87	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	0.05 U	-
				20	49.87	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	0.05 U	-
				35	34.87	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	0.05 U	-
				50	19.87	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	0.05 U	-
DMW-1S	3/5/2019	N	55.94	5	50.94	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	0.05 U	-
				10	45.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**0.053**	0.05 U	-
				12.5	43.44	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**2.1**	0.05 U	-
				15	40.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**0.12**	0.05 U	-
				20	35.94	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	0.05 U	-
DMW-2S	3/2/2020	N	56.03	5	51.03	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				10	46.03	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				15	41.03	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				20	36.03	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				25	31.03	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						Chloro ethane	Chloroform (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)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				10	46.09	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				15	41.09	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				20	36.09	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				25	31.09	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
DMW-4S	2/26/2020	N	61.76	5	56.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.02 U	0.025 U	-
				10	51.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.02 U	0.025 U	-
				15	46.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.02 U	0.025 U	-
				20	41.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.02 U	0.025 U	-
				25	36.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	**0.13**	0.025 U	-
				30	31.76	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.02 U	0.025 U	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				10	59.48	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				15	54.48	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				20	49.48	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
				25	44.48	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-	-	0.005 U	0.025 UJ	-
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	28.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	28.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	48.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	28.85	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						Chloro ethane	Chloroform (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)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	29.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
	10/20/2020			30	31.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	**0.026**	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	36.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	36.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						Chloro ethane	Chloroform (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)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				30	40.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	0.02 U	-	-
DPP-1	3/4/2019	N	68.80	5	63.80	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	0.05 U	-
				7.5	61.30	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	0.05 U	-
				10	58.80	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	0.05 U	-
				20	48.80	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	0.05 U	-
DPP-2	3/4/2019	N	66.24	5	61.24	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	0.05 U	-
				10	56.24	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	0.05 U	-
DPP-3	3/5/2019	N	55.98	5	50.98	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	0.05 U	-
				15	40.98	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	0.05 U	-
				30	25.98	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	0.05 U	-
DPP-4	3/4/2019	N	66.25	10	56.25	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	0.05 U	-
				12.5	53.75	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	0.05 U	-
				17.5	48.75	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	0.05 U	-
				20	46.25	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	0.05 U	-
DPP-5	3/4/2019	N	66.26	10	56.26	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	0.05 U	-
				17.5	48.76	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	0.05 U	-
				20	46.26	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	0.05 U	-
DPP-6	3/5/2019	N	55.92	5	50.92	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	0.05 U	-
				7.5	48.42	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	0.05 U	-
				12.5	43.42	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	0.05 U	-
				17.5	38.42	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	0.05 U	-
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	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	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	0.0242 U	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	0.0202 U	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	0.0296 U	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	0.0294 U	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	0.0301 U	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						Chloro ethane	Chloroform (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)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane
						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
					Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260C	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	0.0295 U	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	0.0158 U	-	-
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	-	-	-	-	-	-	0.05 U	-	-
				10	52.33	-	-	-	-	-	-	-	-	-	-	0.05 U	-	-
				12.5	49.83	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	0.05 U	-
				17.5	44.83	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	0.05 U	-
				20	42.33	-	-	-	-	-	-	-	-	-	-	0.05 U	-	-
				25	37.33	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**0.84**	0.05 U	-
				30	32.33	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**0.22**	0.05 U	-
HC-2	4/11/2019	N	62.47	10	52.47	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	0.05 U	-
				15	47.47	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	0.05 U	-
HC-3	4/11/2019	N	62.39	7.5	54.89	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	0.05 U	-
				15	47.39	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	0.05 U	-
				20	42.39	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	0.05 U	-
				30	32.39	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	0.05 U	-
HC-4	4/11/2019	N	60.23	15	45.23	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	0.05 U	-
				35	25.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	0.05 U	-	**0.31**	0.05 U	-
HC-5	4/11/2019	N	60.70	15	45.70	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	0.05 U	-
MW-1	4/11/2019	N	61.72	10	51.72	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	0.05 U	-
				25	36.72	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	0.05 U	-
				30	31.72	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	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-307	10/3/2019	N	60.29	6	54.29	0.00559 U	0.00279 U	0.014 U	0.00279 U	0.00279 U	0.00559 U	0.00279 U	0.00559 U	0.00279 U	0.00112 U	**0.000603 J**	0.0279 U	0.00559 U
				10	50.29	0.00576 U	**0.000843 J**	0.0144 U	0.00288 U	0.00288 U	0.00576 U	0.00288 U	0.00576 U	0.00288 U	0.00115 U	**0.000971 J**	0.0288 U	0.00576 U
				15	45.29	0.00539 U	**0.000511 J**	0.0135 U	0.00269 U	0.00269 U	0.00539 U	0.00269 U	0.00539 U	0.00269 U	0.00108 U	0.00269 U	0.0269 U	**0.0147**
				20	40.29	0.00535 U	**0.000716 J**	0.0134 U	0.00267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00267 U	0.00107 U	0.00267 U	0.0267 U	0.00535 U
				25	35.29	0.00549 U	**0.000593 J**	0.0137 U	0.00274 U	0.00274 U	0.00549 U	0.00274 U	0.00549 U	0.00274 U	0.0011 U	0.00274 U	0.0274 U	**0.0218**
				30	30.29	0.00737 U	**0.000776 J**	0.0184 U	0.00369 U	0.00369 U	0.00737 U	0.00369 U	0.00737 U	0.00369 U	0.00147 U	0.00369 U	0.0369 U	**0.0151**
				35	25.29	0.00535 U	**0.000452 J**	0.0134 U	0.00267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00267 U	0.00107 U	0.00267 U	0.0267 U	**0.0162**
				40	20.29	0.00571 U	**0.00073 J**	0.0143 U	0.00285 U	0.00285 U	0.00571 U	0.00285 U	0.00571 U	0.00285 U	0.00114 U	0.00285 U	0.0285 U	0.00571 U
				45	15.29	0.00551 U	**0.000699 J**	0.0138 U	0.00276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00276 U	0.0011 U	0.00276 U	0.0276 U	**0.0099**
				50	10.29	0.00556 U	**0.000736 J**	0.0139 U	0.00278 U	0.00278 U	0.00556 U	0.00278 U	0.00556 U	0.00278 U	0.00111 U	0.00278 U	0.0278 U	0.00556 U
				55	5.29	0.00543 U	0.00271 U	0.0136 U	0.00271 U	0.00271 U	0.00543 U	0.00271 U	0.00543 U	0.00271 U	0.00109 U	0.00271 U	0.0271 U	0.00543 U
				60	0.29	0.00565 U	0.00282 U	0.0141 U	0.00282 U	0.00282 U	0.00565 U	0.00282 U	0.00565 U	0.00282 U	0.00113 U	0.00282 U	0.0282 U	0.00565 U
				65	-4.71	0.0115 U	0.00575 U	0.0288 U	0.00575 U	0.00575 U	0.0115 U	0.00575 U	0.0115 U	0.00575 U	0.0023 U	**0.00148 J**	0.0575 U	**0.0272**
				70	-9.71	0.0573 U	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0573 U	0.0286 U	0.0573 U	0.0286 U	0.0115 U	0.0286 U	0.286 U	0.0573 U
				75	-14.71	0.00551 U	0.00276 U	0.0138 U	0.00276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00276 U	0.0011 U	0.00276 U	0.0276 U	**0.0176**
				80	-19.71	0.00584 U	0.00293 U	0.0146 U	0.00293 U	0.00293 U	0.00584 U	0.00293 U	0.00584 U	0.00293 U	0.00117 U	0.00293 U	0.0293 U	**0.0315**
				85	-24.71	0.00573 U	0.00286 U	0.0143 U	0.00286 U	0.00286 U	0.00573 U	0.00286 U	0.00573 U	0.00286 U	0.00115 U	**0.000962 J**	0.0286 U	0.00573 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						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	Tetrachloro ethene
						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
					Analytical Method	SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C SW8260D
21417-GP1	4/21/2017	N	69.53	25	44.53	-	0.0733 U	0.0183 U	0.0183 U	0.0458 U	0.0183 U	0.0275 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.0648 U	0.0162 U	0.0162 U	0.0405 U	0.0162 U	0.0243 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	-	0.0797 U	0.0199 U	**0.0607**	0.0498 U	0.0199 U	**0.106**	0.0199 U	**0.0368**	0.0199 U	0.0199 U	0.0199 U	0.0199 U
				15	40.82	-	**0.242**	**0.406**	**0.381**	0.0472 U	0.0189 U	**0.894**	**0.483**	**0.416**	**0.17**	0.0189 U	**0.0237**	0.0189 U
21417-GP5	5/19/2017	N	66.2	1	65.20	-	0.0691 U	0.0173 U	0.0173 U	0.0432 U	0.0173 U	0.0259 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U
				14	52.20	-	0.0594 U	0.0148 U	0.0148 U	0.0371 U	0.0148 U	0.0223 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	-	0.0637 U	0.0159 U	0.0159 U	0.0398 U	0.0159 U	0.0239 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	-	0.0758 U	0.0189 U	0.0189 U	0.0474 U	0.0189 U	0.0284 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U
				13	53.49	-	0.0645 U	0.0161 U	0.0161 U	0.0403 U	0.0161 U	0.0242 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				12.5	43.48	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	40.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				25	30.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				30	25.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				10	56.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				25	41.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				30	36.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				12.5	43.58	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	41.08	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	36.08	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				25	31.08	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				10	59.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	54.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	49.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				35	34.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				50	19.87	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				10	45.94	-	0.05 U	**0.12**	-	0.1 U	0.02 U	0.05 U	**0.18**	**0.11**	-	0.05 U	0.05 U	0.05 U
				12.5	43.44	-	**1.5**	**3.2**	-	0.1 U	0.02 U	0.05 U	**0.82**	**3.2**	-	0.05 U	**0.105**	0.05 U
				15	40.94	-	**0.12**	**0.48**	-	0.1 U	0.02 U	0.05 U	**0.58**	**0.28**	-	0.05 U	0.05 U	0.05 U
				20	35.94	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DMW-2S	3/2/2020	N	56.03	5	51.03	-	-	-	0.01 U	-	0.029 U	-	-	-	0.005 U	-	-	0.025 U
				10	46.03	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				15	41.03	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				20	36.03	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				25	31.03	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						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	Tetrachloro ethene
						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
					Analytical Method	SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C SW8260D
DMW-3IA	2/27/2020	N	56.09	5	51.09	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				10	46.09	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				15	41.09	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				20	36.09	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				25	31.09	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				10	51.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				15	46.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				20	41.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				25	36.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				30	31.76	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
DMW-5IA	2/28/2020	N	69.48	5	64.48	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				10	59.48	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				15	54.48	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				20	49.48	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
				25	44.48	-	-	-	0.01 U	-	0.02 UJ	-	-	-	0.005 U	-	-	0.025 U
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.34	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.57	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	28.85	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						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	Tetrachloro ethene
						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
					Analytical Method	SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C SW8260D
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	29.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/20/2020			30	31.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	36.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						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	Tetrachloro ethene
						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
					Analytical Method	SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C SW8260D
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				30	40.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.80	5	63.80	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				7.5	61.30	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				10	58.80	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	48.80	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-2	3/4/2019	N	66.24	5	61.24	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				10	56.24	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	40.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				30	25.98	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				12.5	53.75	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	48.75	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	46.25	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	48.76	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	46.26	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				7.5	48.42	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				12.5	43.42	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	38.42	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds												
						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	Tetrachloro ethene
						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
					Analytical Method	SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8260B SW8260C	SW8260B SW8260C	SW8260B SW8260C SW8260D
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				10	52.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	-	0.05 U	0.05 U	-	0.1 U	0.02 U	-	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				17.5	44.83	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	42.33	-	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	-	**0.66**	**1**	-	0.1 U	0.02 U	-	**1**	**1.4**	-	0.05 U	0.05 U	0.05 U
				30	32.33	-	**0.13**	**0.16**	-	0.1 U	0.02 U	-	**0.17**	**0.32**	-	0.05 U	0.05 U	0.05 U
HC-2	4/11/2019	N	62.47	10	52.47	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	47.47	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				15	47.39	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				20	42.39	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				30	32.39	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				35	25.23	-	**0.079**	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
MW-1	4/11/2019	N	61.72	10	51.72	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				25	36.72	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
				30	31.72	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U	0.05 U
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-307	10/3/2019	N	60.29	6	54.29	0.014 U	0.00279 U	-	-	0.00112 U	0.0279 U	0.014 U	0.014 U	0.00559 U	-	0.014 U	0.00559 U	0.00279 U
				10	50.29	0.0144 U	0.00288 U	-	-	**0.000604 J**	0.0288 U	0.0144 U	0.0144 U	0.00576 U	-	0.0144 U	0.00576 U	0.00288 U
				15	45.29	0.0135 U	0.00269 U	-	-	0.00108 U	0.0269 U	0.0135 U	0.0135 U	0.00539 U	-	0.0135 U	0.00539 U	0.00269 U
				20	40.29	0.0134 U	0.00267 U	-	-	**0.000366 J**	0.0267 U	0.0134 U	0.0134 U	0.00535 U	-	0.0134 U	0.00535 U	0.00267 U
				25	35.29	0.0137 U	0.00274 U	-	-	0.0011 U	0.0274 U	0.0137 U	0.0137 U	0.00549 U	-	0.0137 U	0.00549 U	0.00274 U
				30	30.29	0.0184 U	0.00369 U	-	-	**0.000483 J**	0.0369 U	0.0184 U	0.0184 U	0.00737 U	-	0.0184 U	0.00737 U	0.00369 U
				35	25.29	0.0134 U	0.00267 U	-	-	0.00107 U	0.0267 U	0.0134 U	0.0134 U	0.00535 U	-	0.0134 U	0.00535 U	0.00267 U
				40	20.29	0.0143 U	0.00285 U	-	-	0.00114 U	0.0285 U	0.0143 U	0.0143 U	0.00571 U	-	0.0143 U	0.00571 U	0.00285 U
				45	15.29	0.0138 U	0.00276 U	-	-	0.0011 U	0.0276 U	0.0138 U	0.0138 U	0.00551 U	-	0.0138 U	0.00551 U	0.00276 U
				50	10.29	0.0139 U	0.00278 U	-	-	0.00111 U	0.0278 U	0.0139 U	0.0139 U	0.00556 U	-	0.0139 U	0.00556 U	0.00278 U
				55	5.29	0.0136 U	0.00271 U	-	-	0.00109 U	0.0271 U	0.0136 U	0.0136 U	0.00543 U	-	0.0136 U	0.00543 U	0.00271 U
				60	0.29	0.0141 U	0.00282 U	-	-	0.00113 U	0.0282 U	0.0141 U	0.0141 U	0.00565 U	-	0.0141 U	0.00565 U	0.00282 U
				65	-4.71	0.0288 U	0.00575 U	-	-	0.0023 U	0.0575 U	0.0288 U	0.0288 U	0.0115 U	-	0.0288 U	0.0115 U	0.00575 U
				70	-9.71	0.143 U	0.0286 U	-	-	0.0115 U	0.286 U	0.143 U	0.143 U	0.0573 U	-	0.143 U	0.0573 U	0.0286 U
				75	-14.71	0.0138 U	0.00276 U	-	-	0.0011 U	0.0276 U	0.0138 U	0.0138 U	0.00551 U	-	0.0138 U	0.00551 U	0.00276 U
				80	-19.71	0.0146 U	0.00293 U	-	-	0.00117 U	0.0293 U	0.0146 U	0.0146 U	0.00584 U	-	0.0146 U	0.00584 U	0.00293 U
				85	-24.71	0.0143 U	0.00286 U	-	-	0.00115 U	0.0286 U	0.0143 U	0.0143 U	0.00573 U	-	0.0143 U	0.00573 U	0.00286 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0183 U	0.0183 U	0.0275 U	-	0.0183 U	0.0458 U	-	-	0.00183 U	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0162 U	0.0162 U	0.0243 U	-	0.0162 U	0.0405 U	-	-	0.00162 U	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0199 U	0.0199 U	0.0299 U	-	0.0199 U	0.0498 U	-	-	0.00199 U	**0.0607**
				15	40.82	0.0189 U	0.0189 U	0.0283 U	-	0.0189 U	0.0472 U	-	-	0.0189 U	**0.551**
21417-GP5	5/19/2017	N	66.2	1	65.20	0.0173 U	0.0173 U	0.0259 U	-	0.0173 U	0.0432 U	-	-	0.00173 U	0.0173 U
				14	52.20	0.0148 U	0.0148 U	0.0223 U	-	0.0148 U	0.0371 U	-	-	0.00148 U	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0159 U	0.0159 U	0.0239 U	-	0.0159 U	0.0398 U	-	-	0.00159 U	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0189 U	0.0189 U	0.0284 U	-	0.0189 U	0.0474 U	-	-	0.00189 U	0.0189 U
				13	53.49	0.0161 U	0.0161 U	0.0242 U	-	0.0161 U	0.0403 U	-	-	0.00161 U	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5	43.48	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	40.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25	30.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30	25.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10	56.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25	41.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30	36.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5	43.58	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	41.08	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	36.08	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25	31.08	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10	59.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	54.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	49.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				35	34.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				50	19.87	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10	45.94	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.071**
				12.5	43.44	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**4.4**
				15	40.94	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.2**
				20	35.94	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DMW-2S	3/2/2020	N	56.03	5	51.03	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10	46.03	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15	41.03	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20	36.03	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25	31.03	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10	46.09	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15	41.09	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20	36.09	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25	31.09	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
DMW-4S	2/26/2020	N	61.76	5	56.76	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10	51.76	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15	46.76	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20	41.76	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25	36.76	**0.046**	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				30	31.76	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				10	59.48	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				15	54.48	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				20	49.48	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
				25	44.48	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-	-	0.005 U	0.01 U
DMW-7S	10/26/2020	N	58.34	5	53.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	48.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	43.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	38.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	33.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	28.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	23.34	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DMW-8S	10/27/2020	N	58.57	5	53.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	48.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	43.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	38.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	33.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	28.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	23.57	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DMW-9S	10/27/2020	N	58.85	5	53.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	48.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	43.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	38.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	33.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	28.85	0.02 U	-	-	-	-	-	-	-	-	0.06 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
DMW-10S	10/19/2020	N	59.46	5	54.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	49.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	44.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	39.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	34.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	29.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	24.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				40	19.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				45	14.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				50	9.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				55	4.46	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DMW-11S	10/19/2020	N	61.15	5	56.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	51.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	46.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	41.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	36.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
	10/20/2020			30	31.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	26.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				40	21.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				45	16.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				50	11.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				55	6.15	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DMW-12S	10/20/2020	N	66.05	5	61.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				10	56.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	51.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	46.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	41.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	36.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	31.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				40	26.05	**0.025**	-	-	-	-	-	-	-	-	0.06 U
				45	21.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				50	16.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				55	11.05	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DMW-13S	10/23/2020	N	66.28	10	56.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	51.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	46.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				25	41.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	36.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	31.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				40	26.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				45	21.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				50	16.28	0.02 U	-	-	-	-	-	-	-	-	0.06 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
DMW-14S	10/28/2020	N	70.29	10	60.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				15	55.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				20	50.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
		FD		20	50.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
		N		25	45.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				30	40.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				35	35.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				40	30.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				45	25.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
				50	20.29	0.02 U	-	-	-	-	-	-	-	-	0.06 U
DPP-1	3/4/2019	N	68.80	5	63.80	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				7.5	61.30	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10	58.80	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	48.80	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DPP-2	3/4/2019	N	66.24	5	61.24	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				10	56.24	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	40.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30	25.98	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5	53.75	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17.5	48.75	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	46.25	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17.5	48.76	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	46.26	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				7.5	48.42	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				12.5	43.42	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17.5	38.42	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
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	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
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	0.0161 U	-	-	-	-	-	-	-	-	0.0161 U
				8 - 13.5	61.74 to 56.24	0.0137 U	-	-	-	-	-	-	-	-	0.0137 U
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	0.0197 U	-	-	-	-	-	-	-	-	0.0197 U
				8 - 16	62.39 to 54.39	0.0196 U	-	-	-	-	-	-	-	-	0.0196 U
				16 - 17	54.39 to 53.39	0.0201 U	-	-	-	-	-	-	-	-	0.0201 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	0.0197 U	-	-	-	-	-	-	-	-	0.0197 U
				8 - 9	63.02 to 62.02	0.0238 U	-	-	-	-	-	-	-	-	0.0158 U
HC-1	4/11/2019	N	62.33	5	57.33	0.05 U	-	-	-	-	-	-	-	-	0.05 U
				10	52.33	0.05 U	-	-	-	-	-	-	-	-	0.05 U
				12.5	49.83	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				17.5	44.83	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	42.33	0.05 U	-	-	-	-	-	-	-	-	0.05 U
				25	37.33	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.62**
				30	32.33	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.19**
HC-2	4/11/2019	N	62.47	10	52.47	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	47.47	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				15	47.39	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				20	42.39	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30	32.39	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				35	25.23	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	**0.19**
HC-5	4/11/2019	N	60.70	15	45.70	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
MW-1	4/11/2019	N	61.72	10	51.72	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				25	36.72	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 U	0.05 U
				30	31.72	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-	-	0.05 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-307	10/3/2019	N	60.29	6	54.29	**0.0131**	0.00559 U	0.00559 U	0.00559 U	0.00112 U	0.00279 U	0.00279 U	0.014 U	0.00279 U	0.00727 U
				10	50.29	**0.026**	0.00576 U	0.00576 U	0.00576 U	0.00115 U	0.00288 U	0.00288 U	0.0144 U	0.00288 U	0.00748 U
				15	45.29	**0.00403 J**	0.00539 U	0.00539 U	0.00539 U	0.00108 U	0.00269 U	0.00269 U	0.0135 U	0.00269 U	0.007 U
				20	40.29	**0.00602**	0.00535 U	0.00535 U	0.00535 U	0.00107 U	0.00267 U	0.00267 U	0.0134 U	0.00267 U	0.00695 U
				25	35.29	**0.00675**	0.00549 U	0.00549 U	0.00549 U	0.0011 U	0.00274 U	0.00274 U	0.0137 U	0.00274 U	0.00713 U
				30	30.29	**0.0148**	0.00737 U	0.00737 U	0.00737 U	0.00147 U	0.00369 U	0.00369 U	0.0184 U	0.00369 U	0.00958 U
				35	25.29	**0.0111**	0.00535 U	0.00535 U	0.00535 U	0.00107 U	0.00267 U	0.00267 U	0.0134 U	0.00267 U	0.00695 U
				40	20.29	**0.00815**	0.00571 U	0.00571 U	0.00571 U	0.00114 U	0.00285 U	0.00285 U	0.0143 U	0.00285 U	0.00742 U
				45	15.29	**0.00846**	0.00551 U	0.00551 U	0.00551 U	0.0011 U	0.00276 U	0.00276 U	0.0138 U	0.00276 U	0.00717 U
				50	10.29	**0.0157**	0.00556 U	0.00556 U	0.00556 U	0.00111 U	0.00278 U	0.00278 U	0.0139 U	0.00278 U	0.00723 U
				55	5.29	**0.0104**	0.00543 U	0.00543 U	0.00543 U	0.00109 U	0.00271 U	0.00271 U	0.0136 U	0.00271 U	0.00706 U
				60	0.29	**0.00583**	0.00565 U	0.00565 U	0.00565 U	0.00113 U	0.00282 U	0.00282 U	0.0141 UJ	0.00282 U	0.00734 U
				65	-4.71	**0.0687**	0.0115 U	0.0115 U	0.0115 U	0.0023 U	0.00575 U	0.00575 U	0.0288 UJ	0.00575 U	0.015 U
				70	-9.71	**0.0561 J**	0.0573 U	0.0573 U	0.0573 U	0.0115 U	0.0286 U	0.0286 U	0.143 UJ	0.0286 U	0.0745 U
				75	-14.71	**0.016**	0.00551 U	0.00551 U	0.00551 U	0.0011 U	0.00276 U	0.00276 U	0.0138 UJ	0.00276 U	0.00717 U
				80	-19.71	**0.0261**	0.00584 U	0.00584 U	0.00584 U	0.00117 U	0.00293 U	0.00293 U	0.0146 UJ	0.00293 U	0.0076 U
				85	-24.71	**0.0293**	0.00573 U	0.00573 U	0.00573 U	0.00115 U	0.00286 U	0.00286 U	0.0143 UJ	0.00286 U	0.00745 U

TABLE 5-6
SOIL RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	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)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C	SW8260C	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C	SW8260B SW8260C	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 = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-7
SOIL RESULTS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT DEXTER PARCEL 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
DMW-10S	10/19/2020	N	59.46	5	54.46	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
				10	49.46	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
				15	44.46	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
				20	39.46	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	34.46	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
				30	29.46	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
				35	24.46	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
				40	19.46	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
				45	14.46	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
				50	9.46	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
				55	4.46	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
DMW-11S	10/19/2020	N	61.15	5	56.15	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	51.15	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	46.15	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	41.15	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	36.15	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
	10/20/2020			30	31.15	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
				35	26.15	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
				40	21.15	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
				45	16.15	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
				50	11.15	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
				55	6.15	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
DMW-12S	10/20/2020	N	66.05	5	61.05	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
				10	56.05	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	51.05	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
				20	46.05	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
				25	41.05	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
				30	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
				35	31.05	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
				40	26.05	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
				45	21.05	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
				50	16.05	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
				55	11.05	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
DMW-13S	10/23/2020	N	66.28	10	56.28	0.02 U	0.02 U	0.02 U	0.02 U	**0.024**	0.02 U	0.02 U	0.02 U	0.02 U	**0.024**
				15	51.28	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	46.28	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
				25	41.28	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
				30	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
				35	31.28	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
				40	26.28	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
				45	21.28	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
				50	16.28	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

TABLE 5-7
SOIL RESULTS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT DEXTER PARCEL 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
DMW-14S	10/28/2020	N	70.29	10	60.29	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	55.29	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	50.29	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
		FD		20	50.29	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
		N		25	45.29	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	40.29	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
				35	35.29	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
				40	30.29	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
				45	25.29	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
				50	20.29	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
HC-1	4/11/2019	N	62.33	30	32.33	-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 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.
PCBs = Polychlorinated biphenyls.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-8
SOIL RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Lead	Mercury	Selenium	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW6010D SW6020 SW7010	SW6010D SW6020	SW6010D SW6020 SW7010	SW6010D SW6020 SW7010	SW6010D SW6020 SW7010	SW6020 SW7471 SW7471B	SW6010D SW6020	SW6010D SW6020
21417-GP2	4/21/2017	N	66.53	18	48.53	**1.99**	**23.6**	0.173 U	**21.3**	**1.08**	0.271 U	**0.691**	0.0865 U
21417-GP4	4/21/2017	N	55.82	15	40.82	-	-	-	-	**1.49**	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	**4.6**	**81.8**	0.178 U	**39.1**	**20.7**	0.273 U	**1.38**	0.0891 U
DGW-1	3/6/2019	N	55.98	10	45.98	12 U	**47**	0.58 U	**34**	5.8 U	0.29 U	12 U	0.58 U
				25	30.98	11 U	**28**	0.55 U	**29**	5.5 U	0.28 U	11 U	0.55 U
DGW-2	3/4/2019	N	66.25	10	56.25	11 U	**44**	0.55 U	**37**	5.5 U	0.27 U	11 U	0.55 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	11 U	**38**	0.55 U	**25**	5.5 U	0.28 U	11 U	0.55 U
				12.5	43.58	11 U	**43**	0.56 U	**30**	5.6 U	0.28 U	11 U	0.56 U
				25	31.08	11 U	**30**	0.55 U	**23**	5.5 U	0.28 U	11 U	0.55 U
DGW-4	3/4/2019	N	69.87	5	64.87	12 U	**45**	0.58 U	**34**	5.8 U	0.29 U	12 U	1.2 U
				15	54.87	11 U	**58**	0.54 U	**47**	**27**	0.27 U	11 U	1.1 U
				20	49.87	11 U	**36**	0.53 U	**22**	5.3 U	0.27 U	11 U	1.1 U
				35	34.87	12 U	**89**	0.6 U	**67**	6 U	0.3 U	12 U	1.2 U
DMW-1S	3/5/2019	N	55.94	10	45.94	12 U	**51**	0.58 U	**31**	5.8 U	0.29 U	12 U	1.2 U
				15	40.94	11 U	**32**	0.54 U	**23**	5.4 U	0.27 U	11 U	1.1 U
				20	35.94	11 U	**53**	0.55 U	**35**	5.5 U	0.27 U	11 U	1.1 U
DMW-2S	3/2/2020	N	56.03	5	51.03	**2.41**	-	1 U	**20.2**	**2.19**	1 U	-	-
				10	46.03	**1.22**	-	1 U	**15**	**1.27**	1 U	-	-
				15	41.03	**1.44**	-	1 U	**17.8**	**1.91**	1 U	-	-
				20	36.03	**1.46**	-	1 U	**17.3**	**1.29**	1 U	-	-
				25	31.03	**1.2**	-	1 U	**14.5**	**1.19**	1 U	-	-
DMW-3IA	2/27/2020	N	56.09	5	51.09	**1.24**	-	1 U	**14.4**	**1.59**	1 U	-	-
				10	46.09	**1.46**	-	1 U	**15.5**	**1.45**	1 U	-	-
				15	41.09	**1.47**	-	1 U	**12.5**	**1.22**	1 U	-	-
				20	36.09	**1.32**	-	1 U	**13**	**1.26**	1 U	-	-
				25	31.09	**1.24**	-	1 U	**21.1**	**1.96**	1 U	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	**1.91**	-	1 U	**30.3**	**10**	1 U	-	-
				10	51.76	**1.88**	-	1 U	**19.8**	**2**	1 U	-	-
				15	46.76	**1.39**	-	1 U	**19.8**	**1.86**	1 U	-	-
				20	41.76	**1.29**	-	1 U	**14.3**	**1.23**	1 U	-	-
				25	36.76	**1.39**	-	1 U	**17.5**	**1.49**	1 U	-	-
				30	31.76	**1.18**	-	1 U	**13.1**	**1.2**	1 U	-	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	**1.73**	-	1 U	**15.6**	**2.33**	1 U	-	-
				10	59.48	**3**	-	1 U	**20.7**	**2.56**	1 U	-	-
				15	54.48	**1.54**	-	1 U	**12**	**1.2**	1 U	-	-
				20	49.48	**1.76**	-	1 U	**19.2**	**1.29**	1 U	-	-
				25	44.48	**1.35**	-	1 U	**12.1**	**1.11**	1 U	-	-
DPP-1	3/4/2019	N	68.80	10	58.80	11 U	**31**	0.53 U	**25**	5.3 U	0.27 U	11 U	1.1 U
				20	48.80	11 U	**36**	0.54 U	**27**	5.4 U	0.27 U	11 U	1.1 U
DPP-2	3/4/2019	N	66.24	5	61.24	12 U	**71**	0.6 U	**43**	6 U	0.3 U	12 U	0.6 U
				10	56.24	11 U	**54**	0.54 U	**34**	5.4 U	0.27 U	11 U	0.54 U
DPP-3	3/5/2019	N	55.98	10	45.98	11 U	**48**	0.55 U	**29**	5.5 U	0.27 U	11 U	1.1 U
				25	30.98	11 U	**35**	0.57 U	**22**	5.7 U	0.28 U	11 U	1.1 U
DPP-4	3/4/2019	N	66.25	12.5	53.75	11 U	**34**	0.54 U	**24**	5.4 U	0.27 U	11 U	0.54 U
				20	46.25	12 U	**46**	0.6 U	**31**	6 U	0.3 U	12 U	0.6 U

TABLE 5-8
SOIL RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Lead	Mercury	Selenium	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Analytical Method	SW6010D SW6020 SW7010	SW6010D SW6020	SW6010D SW6020 SW7010	SW6010D SW6020 SW7010	SW6010D SW6020 SW7010	SW6020 SW7471 SW7471B	SW6010D SW6020	SW6010D SW6020
DPP-5	3/4/2019	N	66.26	10	56.26	11 U	**36**	0.57 U	**40**	5.7 U	0.29 U	11 U	0.57 U
				17.5	48.76	11 U	**43**	0.56 U	**34**	5.6 U	0.28 U	11 U	0.56 U
DPP-6	3/5/2019	N	55.92	7.5	48.42	11 U	**36**	0.55 U	**25**	5.5 U	0.27 U	11 U	1.1 U
				12.5	43.42	11 U	**32**	0.54 U	**22**	5.4 U	0.27 U	11 U	1.1 U
				17.5	38.42	11 U	**42**	0.55 U	**26**	5.5 U	0.28 U	11 U	1.1 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**	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	**2.45**	-	0.146 U	**29.9**	**1.87**	0.226 U	-	-
				8 - 13.5	61.74 to 56.24	**2.49**	-	0.161 U	**36.7**	**1.82**	0.238 U	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	**5.79**	-	0.16 U	**35.8**	**3.12**	0.258 U	-	-
				8 - 16	62.39 to 54.39	**2.64**	-	0.159 U	**36.4**	**3.68**	0.255 U	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	**4.64**	-	0.17 U	**60.4**	**2**	0.245 U	-	-
HC-1	4/11/2019	N	62.33	7.5	54.83	1 U	-	1 U	**1.2**	1 U	0.5 U	-	-
				15	47.33	1 U	-	1 U	1 U	1 U	0.5 U	-	-
				20	42.33	1 U	-	1 U	1 U	1 U	0.5 U	-	-
				25	37.33	-	-	-	-	**1.2 J**	-	-	-
				30	32.33	1 U	-	1 U	1 U	1 U	0.5 U	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	1 U	-	1 U	1 UJ	1 UJ	0.5 U	-	-
HC-4	4/11/2019	N	60.23	15	45.23	1 U	-	1 U	1 U	1 U	0.5 U	-	-
HC-5	4/11/2019	N	60.70	15	45.70	1 U	-	1 U	1 U	1 U	0.5 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.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.

TABLE 5-9
GROUNDWATER SAMPLING AND ANALYSIS SUMMARY
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Grab or Monitoring Well?[a]	Surface Elevation (ft)	Sample Depth (ft)[b]	Sample Elevation (ft)	Sample Date	GRO	DRO/HO	BTEX	cPAHs	PAHs	CVOCs[c]	VOCs	Total Metals	Dissolved Metals
21417-GP1	G	69.53	20 to 25	44.53 to 49.53	04/21/17	X	X	X			X	X		
21417-GP3	G	55.86	10 to 20	35.86 to 45.86	04/21/17	X	X	X			X	X	X	X
21417-GP4	G	55.82	10 to 15	40.82 to 45.82	04/21/17	X		X			X	X		
BB-10	MW	57.40	29 to 39	18.40 to 28.40	11/13/97	X	X	X			X			
DGW-1	G	55.98	20 to 30	25.98 to 35.98	03/06/19	X	X	X			X	X	X	X
DGW-2	G	66.25	20 to 30	36.25 to 46.25	03/07/19	X	X	X			X	X	X	X
DGW-3	G	56.08	35 to 45	11.08 to 21.08	03/06/19	X	X	X			X	X	X	X
DGW-4	G	69.87	30 to 40	29.87 to 39.87	03/04/19	X	X	X			X	X	X	X
DMW-1S	MW	55.94	17 to 27	28.94 to 38.94	03/25/19	X	X	X	X	X	X	X	X	
					03/18/20	X	X	X			X	X	X	
DMW-2S	MW	56.03	25 to 35	21.03 to 31.03	03/18/20	X	X	X			X	X	X	
DMW-3IA	MW	56.09	39 to 49	7.09 to 17.09	03/18/20	X	X	X			X	X	X	
DMW-4S	MW	61.76	23 to 33	28.76 to 38.6	03/19/20	X	X	X	X	X	X	X	X	
DMW-5IA	MW	69.48	39.8 to 49.8	19.68 to 29.68	03/19/20	X	X	X			X	X	X	X
					10/15/20		X							
DMW-6	MW	66.30	34 to 44	22.30 to 32.30	03/18/20	X	X	X			X	X	X	
DMW-7S	MW	58.34	28 to 38	20.34 to 30.34	11/02/20	X	X	X						
DMW-8S	MW	58.57	27 to 37	21.57 to 31.57	11/02/20	X	X	X						
DMW-9S	MW	58.85	23 to 33	25.85 to 35.85	11/02/20	X	X	X						
DMW-10S	MW	59.46	35 to 55	4.46 to 24.46	11/02/20	X	X	X						
DMW-11S	MW	61.15	30 to 50	11.15 to 31.15	11/02/20	X	X	X						
DMW-12S	MW	66.05	30 to 50	16.05 to 36.05	11/02/20	X	X	X						
DMW-13S	MW	66.28	30 to 50	16.28 to 36.28	11/03/20	X	X	X						
DMW-14S	MW	70.29	41 to 51	19.29 to 29.29	11/03/20	X	X	X						
DPP-3	G	55.98	20 to 30	25.98 to 35.98	03/06/19	X	X	X			X	X	X	X
HC-1	G	62.33	21.5 to 31.5	30.83 to 40.83	04/11/19	X	X	X			X	X	X	X
HC-4	MW	60.23	40 to 50	10.23 to 20.23	04/12/19	X	X	X	X	X	X	X	X	
MW-117	MW	57.78	40 to 55	2.78 to 17.78	02/08/13						X	X		
					12/18/13	X	X	X			X	X		
MW-305	MW	60.15	22.8 to 32.8	27.35 to 37.35	10/15/19	X		X			X	X		
					01/15/20	X		X			X	X		
					04/28/20	X		X			X	X		
MW-306	MW	59.91	42.8 to 52.8	7.11 to 17.11	10/15/19	X		X			X	X		
					01/16/20	X		X			X	X		
					04/28/20	X		X			X	X		
MW-307	MW	60.29	72.8 to 82.8	-22.51 to -12.51	10/11/19	X		X			X	X		
					01/15/20	X		X			X	X		
					04/28/20	X		X			X	X		

Notes:

a. "G" represents grab groundwater from temporary wells and "MW" represents groundwater from permanent monitoring wells.
b. Sample depths for grab groundwater samples are approximate.
c. 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.

Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Table shows sampling conducted relevant to Seattle DOT Dexter Parcel Site.
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.
VOCs = Volatile organic compounds.

TABLE 5-10
GROUNDWATER RESULTS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
						Analytical Method	NWTPH-GX	NWTPH-GX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX	NWTPH-DX
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	50 U	-	50 U	-	-	100 U	-	100 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	50 U	-	49.8 U	-	-	99.6 U	-	99.6 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**4830**	-	-	-	-	-	-	-
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	250 U	-	630 U	-	-	630 U	-	630 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	**340**	100 U	200 U	-	200 U	500 U	-	500 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	**350**	100 U	200 U	-	200 U	500 U	-	500 U
	FD					3/25/2019	**300**	100 U	200 U	-	200 U	500 U	-	500 U
	N					3/18/2020	**1800**	-	**580**	-	-	250 U	-	**580**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
	FD					3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**670**	-	**790**	-	-	250 U	-	**790**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	100 U	-	760 U	-	-	250 U	-	760 U
	N					10/15/2020	-	-	100 U	60 U	-	250 U	250 U	100 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	**630**	-	**190**	-	-	250 U	-	**190**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	**270**	-	**210**	-	-	250 U	-	**210**
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**6900**	100 U	200 U	-	200 U	500 U	-	500 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	100 U	-	-	-	-	-	-	-
	N					1/15/2020	100 U	-	-	-	-	-	-	-
	N					4/28/2020	**54.4 J**	-	-	-	-	-	-	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	100 U	-	-	-	-	-	-	-
	N					1/16/2020	100 U	-	-	-	-	-	-	-
	N					4/28/2020	**42.7 J**	-	-	-	-	-	-	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	100 U	-	-	-	-	-	-	-
	N					1/15/2020	100 U	-	-	-	-	-	-	-
	N					4/28/2020	**146 Z 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.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
J+ = Value is estimated with a potential high bias.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.
Z = No/low level gasoline/petroleum detection; result is likely due to high detections of chlorianted volatile organic compounds.

TABLE 5-11
GROUNDWATER RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						Analytical Method	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
	FD					3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U

Notes:
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.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 5-11
GROUNDWATER RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Acenaph thene	Acenaph thylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(g,h,i) perylene	Fluoranthene
							ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8270	SW8270	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	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
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	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
	FD					3/25/2019	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
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U

Notes:
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.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 5-11
GROUNDWATER RESULTS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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			
							Fluorene	Naphthalene	Phenanthrene	Pyrene
							ug/L	ug/L	ug/L	ug/L
						Analytical Method	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM	SW8270 SW8270ESIM
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	0.1 U	0.1 U	0.1 U	0.1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U
	FD					3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	0.04 U	0.4 U	0.04 U	0.04 U

Notes:
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.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	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 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	**1.5**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
	FD					3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
	N					3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
	FD					3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	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	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	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	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	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-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/15/2020	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
						4/28/2020	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-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/16/2020	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
						4/28/2020	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-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	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
						1/15/2020	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
						4/28/2020	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

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**198**	1 U	0.06 U	1 U	1 U	1 U	**60**	1 U	1 U	1 U	2 U
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	-	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	**12**	1 U	0.01 U	1 U	1 U	1 U	**6.5**	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	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
DGW-3	N	56.08	35 to 45	11.08 to 21.08	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
DGW-4	N	69.87	30 to 40	29.87 to 39.87	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
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	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
	FD					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
	N					3/18/2020	**0.44**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	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					3/18/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	**0.39**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**7.1**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	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
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	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
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**150**	1 U	0.01 U	1 U	1 U	1 U	**81**	1 U	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	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-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	1 UJ	0.5 UJ	0.5 U
						1/15/2020	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
						4/28/2020	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-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	1 UJ	0.5 UJ	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
						4/28/2020	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-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	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
						1/15/2020	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
						4/28/2020	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

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-Chloro toluene	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
							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	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	-	**13.7**	-	**10.6**	1 U	-	-	-	1 U	1 U	1 U
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	-	-	-	ND	-	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	-	**1.2**	1 U	-	-	-	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	1 U	-	1 U	1 U	-	-	-	**1.5**	1 U	1 U
	FD					3/25/2019	-	1 U	-	1 U	1 U	-	-	-	**1.8**	1 U	1 U
	N					3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	**2.9**	-	0.2 U
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
	FD					3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	**1.5**	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	**1.2**	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	1 U	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	1 U	-	**12**	1 U	-	-	-	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	1 U	-	-	1 U	-	-	-	1 U	1 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	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	1 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	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	0.5 U
						1/15/2020	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	0.5 U
						4/28/2020	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	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	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	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	0.5 U
						4/28/2020	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	0.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	5 UJ	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	**1.17 J**	5 UJ	0.5 U	0.5 U	0.5 U
						1/15/2020	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	0.5 U
						4/28/2020	5 U	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	**0.172 J**	0.5 U	0.5 U

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							Bromoform	Bromo methane (Methyl Bromide)	Carbon disulfide	Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (Trichloro methane)	Chloro methane (Methyl Chloride)	cis-1,2-Dichloro ethene	cis-1,3-Dichloro propene
							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	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	ND	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
	FD					3/25/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
	FD					3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	0.2 U	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	0.2 U	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	MW	2/8/2013	-	-	-	-	-	-	1 U	-	-	1 U	-
						12/18/2013	1 U	1 U	-	1 U	1 U	-	1 U	1 U	10 U	1 U	1 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	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	0.5 U
						1/15/2020	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	0.5 U
						4/28/2020	0.5 U	2.5 U	0.5 UJ	**0.273 J**	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	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	0.5 U
						1/16/2020	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	0.5 U
						4/28/2020	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	0.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	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	**0.935**	0.5 U
						1/15/2020	0.5 U	2.5 U	**6.72**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.172 J**	0.5 U
						4/28/2020	0.5 U	2.5 U	**6.95 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene
							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	SW8260C SW8260D	SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	-	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	-	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	-	1 U	1 U	1 U	-	**94.3**	4 U	-	-	**29.2**	**17.2**
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	ND	-	-	-	-	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	1 U	-	-	**8**	1 U	-	-	**2.6**	**1.7**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	**1.5**
	FD					3/25/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	**2.5**
	N					3/18/2020	-	0.2 U	-	-	-	**12**	0.2 U	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
	FD					3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	0.2 U	-	-	-	**5.5**	0.2 U	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	**34**	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	**7.9**	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	1 U	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**1**	1 U	1 U	-	-	**25**	1 U	-	-	**37**	**19**
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	MW	2/8/2013	-	-	-	-	-	-	-	-	-	-	-
						12/18/2013	1 U	1 U	1 U	1 U	-	1 U	1 U	-	-	1 U	-
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	0.5 U	0.5 UJ	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 U	0.5 U	-
						1/15/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 UJ	0.5 U	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 U	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	0.5 U	0.5 UJ	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 U	0.5 U	-
						1/16/2020	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	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 U	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	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	-
						1/15/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 UJ	0.5 U	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 U	-

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
							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	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**124**	1 U	1 U	**96.1**	**15**	**33**	**6.77**	1 U	1 U	1 U	**1.15**
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	-	-	-	-	-	-	-	-	-	ND	ND
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	5 U	1 U	1 U	1 U	**3.7**	-	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
	FD					3/25/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
	N					3/18/2020	**0.73**	-	5 U	-	-	-	**1.1**	-	-	0.2 U	**1.6**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
	FD					3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	**0.26**
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**2.3**	-	5 U	-	-	-	**0.65**	-	-	0.2 U	**0.26**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	**0.64**
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	**1.2**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	1 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	1 U	1 U	**12**	**51**	-	1 U	**1.1**	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	-	-	1 U	-	-	-	-	-	1 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	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	1 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	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	0.5 U
						1/15/2020	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	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	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	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	**1.05**
						1/15/2020	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	**0.452 J**

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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								
							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
						Analytical Method	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8021B SW8260B SW8260C SW8260D
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	**131**
BB-10	N	57.40	29 to 39	18.40 to 28.40	MW	11/13/1997	ND	-	-	ND	-	-	-	ND	ND
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	**14**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
	FD					3/25/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
	N					3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**1.83**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
	FD					3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**2.95**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	**21**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	**6.3**
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	3 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	3 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	**11**
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	-	-	1 U	1 U	-	-	0.2 U	1 U
MW-117	N	57.78	40 to 55	2.78 to 17.78	MW	2/8/2013	1 U	-	-	1 U	-	-	-	0.2 U	-
						12/18/2013	1 U	1 U	-	1 U	1 U	-	-	0.2 U	2 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	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
						1/15/2020	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						4/28/2020	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-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	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
						1/16/2020	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
						4/28/2020	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-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	**0.289 J**	1.5 U
						1/15/2020	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
						4/28/2020	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

TABLE 5-12
GROUNDWATER RESULTS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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								
							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
Analytical Method							SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260B SW8260C SW8260D	SW8260C SW8260D	SW8260C SW8260D	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 applicable.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
ND = Not detected, no laboratory reporting limit available.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 5-13
GROUNDWATER RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
Analytical Method							-	E200.8 SW6020 SW7010	E200.8	-	E200.8 SW6020 SW7010	E200.8 SW6020 SW7010	-	E200.8 SW6020 SW7010	SW6020 SW7470A	-	E200.8	E200.8	-	-
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	**0.7**	1 U	-	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.1 U	**4.41**	1 U	0.2 U	0.2 U	1.5 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**3.1**	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	3 U	**55**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	3 U	**27**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD						-	-	-	-	-	-	-	-	-	-	-	-	-	-
	N					3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD					3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	**9.21**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	-	-	5 U	10 U	-	2 U	0.5 U	-	-	-	-	-
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 5-13
GROUNDWATER RESULTS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
Analytical Method							-	E200.8 SW6020 SW7010	E200.8	-	E200.8 SW6020 SW7010	E200.8 SW6020 SW7010	-	E200.8 SW6020 SW7010	SW6020 SW7470A	-	E200.8	E200.8	-	-
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	**0.252**	**1.25**	-	0.2 U	0.2 U	**24**	**9.86**	**1.15**	0.1 U	**19.3**	1 U	0.2 U	0.2 U	**13.5**
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**88**	**1800**	-	4.4 U	**870**	-	**92**	**0.92**	-	**13**	11 U	-	-
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	**12**	**240**	-	4.4 U	**77**	-	**11**	0.5 U	-	5.6 U	11 U	-	-
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	**100**	**3000**	-	**5.1**	**1400**	-	**120**	**1.3**	-	**12**	11 U	-	-
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	**87**	**1900**	-	4.4 U	**590**	-	**65**	**0.75**	-	**6.7**	11 U	-	-
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	**8.1**	**38**	-	4.4 U	11 U	-	1.1 U	0.5 U	-	5.6 U	11 U	-	-
	FD						-	**8.3**	**40**	-	4.4 U	**14**	-	1.1 U	0.5 U	-	5.6 U	11 U	-	-
	N					3/18/2020	-	**12**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	**1.4**	-	-	1 U	**2.03**	-	1 U	1 U	-	-	-	-	-
	FD					3/18/2020	-	**1.5**	-	-	1 U	**1.96**	-	1 U	1 U	-	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	**4.25**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	**6.76**	-	-	1 U	**1.74**	-	1 U	1 U	-	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	**8.56**	-	-	1 U	**8.7**	-	**1.09**	1 U	-	-	-	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	1 U	-	-	1 U	**3.21**	-	1 U	1 U	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**20**	**520**	-	4.4 U	**260**	-	**18**	0.5 U	-	5.6 U	11 U	-	-
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	-	-	5 U	10 U	-	**6**	0.5 U	-	-	-	-	-
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	5 U	-	-	5 U	10 U	-	**2**	0.5 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.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 7-1
BASIS OF SELECTED SCREENING LEVELS
SEATTLE DOT DEXTER PARCEL 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 TSCA cleanup action level for PCBs in soil.
		The Direct Contact value used for 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 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.

TABLE 7-1
BASIS OF SELECTED SCREENING LEVELS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

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 involves 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 2021).	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 E 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.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
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.

TABLE 7-2a
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN VADOSE ZONE SOIL
SEATTLE DOT DEXTER PARCEL 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]	Retain as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Volatile Organic Compounds (mg/kg)												
1,2,4-Trimethylbenzene	8 / 86	9%	0.016 - 13	0.251	**800**	NA	NA	0.001	no	0 / 86	0%	
1,3,5-Trimethylbenzene	5 / 66	8%	0.19 - 6.2	0.168	**800**	NA	NA	0.001	no	0 / 66	0%	
2-Butanone (Methyl Ethyl Ketone)	3 / 5	60%	0.0139 - 0.0262	0.0169	**48000**	NA	NA	0.005	no	0 / 5	0%	
2-Chlorotoluene	1 / 86	1%	0.171 - 0.171	0.0186	**1600**	NA	NA	0.001	no	0 / 86	0%	
2-Phenylbutane (sec-Butylbenzene)	5 / 66	8%	0.071 - 1.9	0.0672	**8000**	NA	NA	0.001	no	0 / 66	0%	
Acetone	1 / 5	20%	0.0253 - 0.0253	0.0160	72000	**29**	NA	0.005	no	0 / 5	0%	
Benzene	1 / 128	1%	0.000462 - 0.000462	0.00854	18	**0.027**	NA	0.0015	no	0 / 128	0%	
Chloroform (Trichloromethane)	4 / 86	5%	0.000511 - 0.000843	0.0167	32	**0.074**	NA	0.0015	no	0 / 86	0%	
Ethylbenzene	9 / 128	7%	0.000603 - 2.1	0.0436	8000	**5.9**	NA	0.0015	no	0 / 128	0%	
Hexane	2 / 5	40%	0.0147 - 0.0218	0.00897	4800	**69**	NA	NA	no	0 / 5	0%	
Isopropylbenzene (Cumene)	4 / 66	6%	0.12 - 1.5	0.0610	**8000**	NA	NA	0.001	no	0 / 66	0%	
Isopropyltoluene	5 / 61	8%	0.12 - 3.2	0.1061	NA	NA	NA	NA	NSL	0 / 61	0%	
m,p-Xylenes	2 / 29	7%	0.0607 - 0.381	0.0207	NA	NA	NA	NA	NSL	0 / 29	0%	
Methyl Tert Butyl Ether	2 / 66	3%	0.000366 - 0.000604	0.0424	560	**0.1**	NA	0.001	no	0 / 66	0%	
Naphthalene	2 / 64	3%	0.106 - 0.894	0.0371	1600	**4.5**	NA	0.005	no	0 / 64	0%	
n-Butylbenzene	5 / 66	8%	0.18 - 1	0.0662	**4000**	NA	NA	0.001	no	0 / 66	0%	
n-Propylbenzene	6 / 66	9%	0.0368 - 3.2	0.1017	**8000**	NA	NA	0.001	no	0 / 66	0%	
o-Xylene	1 / 29	3%	0.17 - 0.17	0.0100	NA	NA	NA	NA	NSL	0 / 29	0%	
tert-Butylbenzene	2 / 66	3%	0.0237 - 0.105	0.0225	**8000**	NA	NA	0.001	no	0 / 66	0%	
Toluene	6 / 128	5%	0.00403 - 0.046	0.0158	6400	**4.5**	NA	0.0015	no	0 / 128	0%	
Xylene (total)	6 / 128	5%	0.0607 - 4.4	0.0666	16000	**14**	NA	0.005	no	0 / 128	0%	
Semi-Volatile Organic Compounds (mg/kg)												
1-Methylnaphthalene	1 / 10	10%	0.112 - 0.112	0.0476	**34**	NA	NA	0.005	no	0 / 10	0%	
2-Methylnaphthalene	1 / 10	10%	0.279 - 0.279	0.0643	**320**	NA	NA	0.005	no	0 / 10	0%	
Benzo(a)anthracene	1 / 15	7%	0.012 - 0.012	0.028	NA	NA	NA	0.0034	NSL	0 / 15	0%	
Benzo(a)pyrene	1 / 15	7%	0.01 - 0.01	0.028	**0.19**	3.9	NA	0.005	no	0 / 15	0%	
Benzo(b)fluoranthene	1 / 15	7%	0.015 - 0.015	0.028	NA	NA	NA	0.0035	NSL	0 / 15	0%	
Chrysene	1 / 15	7%	0.015 - 0.015	0.028	NA	NA	NA	0.005	NSL	0 / 15	0%	
Fluoranthene	1 / 15	7%	0.025 - 0.025	0.029	3200	**630**	NA	0.005	no	0 / 15	0%	
Naphthalene	2 / 15	13%	0.014 - 0.414	0.0541	1600	**4.5**	NA	0.005	no	0 / 15	0%	
Pyrene	1 / 15	7%	0.023 - 0.023	0.028	2400	**650**	NA	0.005	no	0 / 15	0%	
cPAHs-TEQ	1 / 15	7%	0.014 - 0.014	0.020	**0.19**	0.45	NA	0.0069	no	0 / 15	0%	
Total Petroleum Hydrocarbons (mg/kg)												
Gasoline Range Organics	8 / 106	8%	14.6 - 1200	21.0	1500[c]	**30**[d]	NA	5	YES	6 / 106	6%	40
Total Petroleum Hydrocarbons - Heavy Oils	1 / 112	1%	99.2 - 99.2	78.4	NA	**2000**[d]	NA	38	no	0 / 112	0%	
Diesel Range & Oil Range Organics	1 / 112	1%	99.2 - 99.2	78.4	NA	**2000**[d]	NA	NA	no	0 / 112	0%	
Inorganic Compounds (mg/kg)												
Arsenic	22 / 53	42%	1.2 - 4.6	3.42	0.67	0.34	**7.3**	0.1	no	0 / 53	0%	
Barium	27 / 27	100%	23.6 - 81.8	42.8	16000	**1600**	NA	0.1	no	0 / 27	0%	
Chromium	48 / 53	91%	1.2 - 47	21.9	**120000**[e]	480000[e]	48	0.1	no	0 / 53	0%	
Lead	25 / 55	45%	1.08 - 27	2.94	250	3000	**17**	0.1	no	0 / 55	0%	
Selenium	2 / 27	7%	0.691 - 1.38	5.26	400	**5.2**	NA	0.5	no	0 / 27	0%	
Polychlorinated Biphenyls (mg/kg)												
Aroclor-1248	1 / 24	4%	0.024 - 0.024	0.011	NA	NA	NA	NA	NSL	0 / 24	0%	
Total PCBs	1 / 24	4%	0.024 - 0.024	0.011	**1**	2.7	NA	NA	no	0 / 24	0%	

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

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 and groundwater protective of groundwater 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 = mlligram per kilogram.
NA = Not applicable.
NSL = No screening level.
PCB = Polychlorinated biphenyl.
PQL = Practical Quantitation Limit.
Screening levels provided by Ecology (November 17, 2020).

TABLE 7-2b
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN SATURATED ZONE SOIL
SEATTLE DOT DEXTER PARCEL 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]	Retain as a COPC[b]?	Frequency of Exceedance	Percent Exceeded	Exceedance Factor
Volatile Organic Compounds (mg/kg)												
1,2,4-Trimethylbenzene	6 / 22	27%	0.00182 - 0.97	0.0716	**800**	NA	NA	0.001	no	0 / 22	0%	
1,3,5-Trimethylbenzene	2 / 21	10%	0.18 - 0.43	0.0404	**800**	NA	NA	0.001	no	0 / 21	0%	
2-Butanone (Methyl Ethyl Ketone)	7 / 12	58%	0.0154 - 0.0314	0.0298	**48000**	NA	NA	0.005	no	0 / 12	0%	
2-Phenylbutane (sec-Butylbenzene)	1 / 21	5%	0.1 - 0.1	0.0218	**8000**	NA	NA	0.001	no	0 / 21	0%	
Acetone	5 / 12	42%	0.0164 - 0.0867	0.0423	72000	**2.1**	NA	0.005	no	0 / 12	0%	
Benzene	1 / 55	2%	0.000836 - 0.000836	0.00805	18	**0.0017**	NA	0.0015	no	0 / 55	0%	
Carbon disulfide	1 / 12	8%	0.00864 - 0.00864	0.0133	8000	**0.27**	NA	0.001	no	0 / 12	0%	
Chloroform (Trichloromethane)	5 / 22	23%	0.000452 - 0.000776	0.0116	32	**0.0048**	NA	0.0015	no	0 / 22	0%	
Ethylbenzene	5 / 55	9%	0.000962 - 0.31	0.0198	8000	**0.34**	NA	0.0015	no	0 / 55	0%	
Hexane	6 / 12	50%	0.0099 - 0.0315	0.0133	4800	**1.8**	NA	NA	no	0 / 12	0%	
Isopropylbenzene (Cumene)	2 / 21	10%	0.079 - 0.13	0.0198	**8000**	NA	NA	0.001	no	0 / 21	0%	
Isopropyltoluene	1 / 9	11%	0.16 - 0.16	0.0400	NA	NA	NA	NA	NSL	0 / 9	0%	
Methyl Tert Butyl Ether	1 / 21	5%	0.000483 - 0.000483	0.0220	560	**0.0072**	NA	0.001	no	0 / 21	0%	
n-Butylbenzene	1 / 21	5%	0.17 - 0.17	0.0251	**4000**	NA	NA	0.001	no	0 / 21	0%	
n-Propylbenzene	1 / 21	5%	0.32 - 0.32	0.0278	**8000**	NA	NA	0.001	no	0 / 21	0%	
Toluene	13 / 55	24%	0.00583 - 0.0687	0.0155	6400	**0.27**	NA	0.0015	no	0 / 55	0%	
Xylene (total)	2 / 55	4%	0.19 - 0.19	0.0297	16000	**0.83**	NA	0.005	no	0 / 55	0%	
Total Petroleum Hydrocarbons (mg/kg)												
Gasoline Range Organics	2 / 41	5%	9.8 - 30	3.3	1500[c]	**30**[d]	NA	5	no	0 / 41	0%	
Inorganic Compounds (mg/kg)												
Arsenic	1 / 3	33%	1.18 - 1.18	2.56	0.67	0.017	**7.3**	0.1	no	0 / 3	0%	
Barium	1 / 1	100%	89 - 89	89.0	16000	**83**	NA	0.1	YES	1 / 1	100%	1.1
Chromium	2 / 3	67%	13.1 - 67	26.9	120000[e]	**24000**[e]	48	0.1	no	0 / 3	0%	
Lead	1 / 3	33%	1.2 - 1.2	1.57	250	**150**	17	0.1	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 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.

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

TABLE 7-2c
IDENTIFICATION OF CONSTITUENTS OF POTENTIAL CONCERN IN GROUNDWATER
SEATTLE DOT DEXTER PARCEL 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)												
1,2,4-Trichlorobenzene	1 / 21	5%	1.5 - 1.5	0.55	NA	NA	NA	NA	NSL	0 / 21	0%	
1,2,4-Trimethylbenzene	6 / 28	21%	0.39 - 198	13.4	**80**	240	NA	1	YES	2 / 28	7%	2.5
1,3,5-Trimethylbenzene	3 / 21	14%	6.5 - 81	7.3	**80**	NA	NA	1	YES	1 / 21	5%	1.0
2-Chlorotoluene	1 / 28	4%	13.7 - 13.7	0.79	**160**	NA	NA	1	no	0 / 28	0%	
2-Phenylbutane (sec-Butylbenzene)	3 / 20	15%	1.2 - 12	1.5	**800**	NA	NA	1	no	0 / 20	0%	
Acetone	2 / 9	22%	1.17 - 1.22	10.0	**7200**	NA	NA	5	no	0 / 9	0%	
Benzene	6 / 36	17%	0.172 - 2.9	0.546	5	**2.4**	NA	0.5	YES	1 / 36	3%	1.2
Carbon disulfide	2 / 9	22%	6.72 - 6.95	1.71	800	**400**	NA	0.5	no	0 / 9	0%	
Carbon tetrachloride	1 / 28	4%	0.273 - 0.273	0.320	5	**0.56**	NA	0.5	no	0 / 28	0%	
cis-1,2-Dichloroethene	2 / 28	7%	0.172 - 0.935	0.341	**16**	NA	NA	0.5	no	0 / 28	0%	
Cymene (p-Isopropyltoluene)	1 / 10	10%	1 - 1	0.33	NA	NA	NA	1	NSL	0 / 10	0%	
Ethylbenzene	7 / 36	19%	5.5 - 94.3	5.5	**700**	2800	NA	0.5	no	0 / 36	0%	
Isopropylbenzene (Cumene)	3 / 21	14%	2.6 - 37	3.6	800	**720**	NA	1	no	0 / 21	0%	
Isopropyltoluene	5 / 12	42%	1.5 - 19	3.8	NA	NA	NA	NA	NSL	0 / 12	0%	
m,p-Xylenes	3 / 10	30%	0.73 - 124	12.9	NA	NA	NA	NA	NSL	0 / 10	0%	
Naphthalene	1 / 21	5%	96.1 - 96.1	5.37	160	**8.9**	NA	0.05	YES	1 / 21	5%	11
n-Butylbenzene	2 / 20	10%	12 - 15	1.7	**400**	NA	NA	1	no	0 / 20	0%	
n-Propylbenzene	3 / 20	15%	3.7 - 51	4.7	**800**	NA	NA	1	no	0 / 20	0%	
o-Xylene	3 / 10	30%	0.65 - 6.77	1.00	NA	NA	NA	NA	NSL	0 / 10	0%	
tert-Butylbenzene	1 / 20	5%	1.1 - 1.1	0.42	**800**	NA	NA	1	no	0 / 20	0%	
Toluene	8 / 36	22%	0.26 - 1.6	0.49	**640**	15000	NA	0.5	no	0 / 36	0%	
Vinyl chloride	1 / 28	4%	0.289 - 0.289	0.150	**0.29**	0.35	NA	0.2	no	0 / 28	0%	
Xylene (total)	7 / 36	19%	1.83 - 131	5.81	1600	**330**	NA	0.5	no	0 / 36	0%	
Total Petroleum Hydrocarbons (ug/L)												
Diesel Range Organics	4 / 27	15%	190 - 790	126	**500**[c]	NA	NA	110	YES	2 / 27	7%	1.6
Gasoline Range Organics	12 / 36	33%	42.7 - 6900	486	**800**[c]	NA	NA	250	YES	3 / 36	8%	8.6
Diesel Range & Oil Range Organics	4 / 27	15%	190 - 790	215	**500**[c]	NA	NA	NA	YES	2 / 27	7%	1.6
Inorganic Compounds (ug/L)												
Antimony, Total	1 / 1	100%	0.252 - 0.252	0.252	**6**	NA	NA	0.2	no	0 / 1	0%	
Arsenic, Total[d]	14 / 17	82%	1.25 - 100	21.4	0.58	NA	**8**	0.5	YES	9 / 17	53%	13
Barium, Total	7 / 7	100%	38 - 3000	1077	**2000**	NA	NA	0.05	YES	1 / 7	14%	1.5
Cadmium, Total	1 / 17	6%	5.1 - 5.1	1.6	**5**	NA	NA	0.06	YES	1 / 17	6%	1.0
Chromium, Total	12 / 17	71%	1.74 - 1400	192	**100**	NA	NA	0.2	YES	4 / 17	24%	14
Copper, Total	1 / 1	100%	9.86 - 9.86	9.86	**640**	NA	NA	0.1	no	0 / 1	0%	
Lead, Total	9 / 17	53%	1.09 - 120	18.8	**15**	NA	NA	0.06	YES	4 / 17	24%	8.0
Mercury, Total	3 / 17	18%	0.75 - 1.3	0.47	2	**0.83**	NA	0.15	YES	2 / 17	12%	1.6
Nickel, Total	1 / 1	100%	19.3 - 19.3	19.30	**100**	NA	NA	0.15	no	0 / 1	0%	
Selenium, Total	3 / 8	38%	6.7 - 13	5.4	**50**	NA	NA	1	no	0 / 8	0%	
Zinc, Total	1 / 1	100%	13.5 - 13.5	13.5	**4800**	NA	NA	5	no	0 / 1	0%	
Antimony, Dissolved	1 / 1	100%	0.7 - 0.7	0.7	**6**	NA	NA	0.2	no	0 / 1	0%	
Arsenic, Dissolved[d]	2 / 8	25%	3.1 - 9.21	2.66	0.58	NA	**8**	0.5	YES	1 / 8	13%	1.2
Barium, Dissolved	2 / 5	40%	27 - 55	23.9	**2000**	NA	NA	0.05	no	0 / 5	0%	
Nickel, Dissolved	1 / 1	100%	4.41 - 4.41	4.41	**100**	NA	NA	0.15	no	0 / 1	0%	

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

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. Arsenic statistics are based on monitoring well results. Grab samples are omitted from the evaluation of Arsenic.
COPC = Constituent of Potential Concern.
NA = Not applicable.
NSL = No screening level.
PQL = Practical Quantitation Limit.
ug/L = microgram per liter.
Screening levels provided by Ecology (November 17, 2020).

TABLE 7-3a
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
					Direct Contact[a]	1500[b]	NA	NA	NA	NA	NA
					Protective of Groundwater Vadose Zone[a,c]	**30**	NA	**2000**	NA	**2000**	**2000**
					Natural Background[a]	NA	NA	NA	NA	NA	NA
					Median PQL[a]	5	NA	15	NA	38	NA
21417-GP1	4/21/2017	N	69.53	25	44.53	4.58 U	-	21.8 U	-	54.5 U	54.5 U
21417-GP2	4/21/2017	N	66.53	18	48.53	3.8 U	-	18.8 U	-	47 U	47 U
21417-GP4	4/21/2017	N	55.82	12	43.82	**14.6**	-	21.2 U	-	53 U	53 U
				15	40.82	**269**	-	20.9 U	-	52.2 U	52.2 U
21417-GP5	5/19/2017	N	66.2	1	65.20	4.32 U	-	20.9 U	-	52.4 U	52.4 U
				14	52.20	3.71 U	-	20.4 U	-	50.9 U	50.9 U
21417-GP6	5/19/2017	N	66.09	18	48.09	3.98 U	-	19 U	-	47.5 U	47.5 U
21417-GP7	5/19/2017	N	66.49	2	64.49	4.74 U	-	22 U	-	**99.2**	**99.2**
				13	53.49	4.03 U	-	19.9 U	-	49.7 U	49.7 U
BB-10	8/29/1997	N	57.40	15 - 17	42.40 to 40.40	22 U	-	54 U	-	109 U	109 U
DGW-1	3/6/2019	N	55.98	10	45.98	5 U	5 U	20 U	20 U	50 U	50 U
				12.5	43.48	5 U	5 U	20 U	20 U	50 U	50 U
				15	40.98	5 U	5 U	20 U	20 U	50 U	50 U
				25	30.98	5 U	5 U	20 U	20 U	50 U	50 U
DGW-2	3/4/2019	N	66.25	5	61.25	5 U	5 U	20 UJ	20 UJ	50 UJ	50 UJ
				10	56.25	5 U	5 U	20 UJ	20 UJ	50 UJ	50 UJ
DGW-3	3/6/2019	N	56.08	2.5	53.58	5 U	5 U	20 U	20 U	50 U	50 U
				12.5	43.58	5 U	5 U	20 U	20 U	50 U	50 U
				25	31.08	5 U	5 U	20 U	20 U	50 U	50 U
DGW-4	3/4/2019	N	69.87	5	64.87	5 U	5 U	20 U	20 U	50 U	50 U
				15	54.87	5 U	5 U	20 U	20 U	50 U	50 U
				20	49.87	5 U	5 U	20 U	20 U	50 U	50 U
DMW-1S	3/5/2019	N	55.94	5	50.94	5 U	5 U	20 U	20 U	50 U	50 U
				10	45.94	**29**	5 U	20 U	20 U	50 U	50 U
				12.5	43.44	**1200**	5 U	20 U	20 U	50 U	50 U
				15	40.94	**67**	5 U	20 U	20 U	50 U	50 U
				20	35.94	5 U	5 U	20 U	20 U	50 U	50 U
DMW-2S	3/2/2020	N	56.03	5	51.03	5 U	-	50 U	-	250 U	250 U
				10	46.03	**83**	-	50 U	-	250 U	250 U
				15	41.03	5 U	-	50 U	-	250 U	250 U
				20	36.03	5 U	-	50 U	-	250 U	250 U
				25	31.03	5 U	-	50 U	-	250 U	250 U
DMW-3IA	2/27/2020	N	56.09	5	51.09	5 U	-	50 U	-	250 U	250 U
				10	46.09	5 U	-	50 U	-	250 U	250 U
				15	41.09	5 U	-	50 U	-	250 U	250 U
				20	36.09	5 U	-	50 U	-	250 U	250 U
				25	31.09	5 U	-	50 U	-	250 U	250 U
DMW-4S	2/26/2020	N	61.76	5	56.76	5 U	-	50 U	-	250 U	250 U
				10	51.76	5 U	-	50 U	-	250 U	250 U
				15	46.76	5 U	-	50 U	-	250 U	250 U
				20	41.76	5 U	-	50 U	-	250 U	250 U
				25	36.76	**35**	-	50 U	-	250 U	250 U

TABLE 7-3a
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
Direct Contact[a]						1500[b]	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**30**	NA	**2000**	NA	**2000**	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						5	NA	15	NA	38	NA
DMW-5IA	2/28/2020	N	69.48	5	64.48	5 U	-	50 U	-	250 U	250 U
				10	59.48	5 U	-	50 U	-	250 U	250 U
				15	54.48	5 U	-	50 U	-	250 U	250 U
				20	49.48	5 U	-	50 U	-	250 U	250 U
				25	44.48	5 U	-	50 U	-	250 U	250 U
DMW-7S	10/26/2020	N	58.34	5	53.34	5 U	-	50 U	-	250 U	250 U
				10	48.34	5 U	-	50 U	-	250 U	250 U
				15	43.34	5 U	-	50 U	-	250 U	250 U
				20	38.34	5 U	-	50 U	-	250 U	250 U
				25	33.34	5 U	-	50 U	-	250 U	250 U
DMW-8S	10/27/2020	N	58.57	5	53.57	5 U	-	50 U	-	250 U	250 U
				10	48.57	5 U	-	50 U	-	250 U	250 U
				15	43.57	5 U	-	50 U	-	250 U	250 U
				20	38.57	5 U	-	50 U	-	250 U	250 U
				25	33.57	5 U	-	50 U	-	250 U	250 U
DMW-9S	10/27/2020	N	58.85	5	53.85	5 U	-	50 U	-	250 U	250 U
				10	48.85	5 U	-	50 U	-	250 U	250 U
				15	43.85	5 U	-	50 U	-	250 U	250 U
				20	38.85	5 U	-	50 U	-	250 U	250 U
				25	33.85	5 U	-	50 U	-	250 U	250 U
DMW-10S	10/19/2020	N	59.46	5	54.46	5 U	-	50 U	-	250 U	250 U
				10	49.46	5 U	-	50 U	-	250 U	250 U
				15	44.46	5 U	-	50 U	-	250 U	250 U
				20	39.46	5 U	-	50 U	-	250 U	250 U
				25	34.46	5 U	-	50 U	-	250 U	250 U
DMW-11S	10/19/2020	N	61.15	5	56.15	5 U	-	50 U	-	250 U	250 U
				10	51.15	5 U	-	50 U	-	250 U	250 U
				15	46.15	5 U	-	50 U	-	250 U	250 U
				20	41.15	5 U	-	50 U	-	250 U	250 U
				25	36.15	5 U	-	50 U	-	250 U	250 U
DMW-12S	10/20/2020	N	66.05	5	61.05	5 U	-	50 U	-	250 U	250 U
				10	56.05	5 U	-	50 U	-	250 U	250 U
				15	51.05	5 U	-	50 U	-	250 U	250 U
				20	46.05	5 U	-	50 U	-	250 U	250 U
				25	41.05	5 U	-	50 U	-	250 U	250 U
DMW-13S	10/23/2020	N	66.28	10	56.28	5 U	-	50 U	-	250 U	250 U
				15	51.28	5 U	-	50 U	-	250 U	250 U
				20	46.28	5 U	-	50 U	-	250 U	250 U
				25	41.28	5 U	-	50 U	-	250 U	250 U

TABLE 7-3a
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
Direct Contact[a]						1500[b]	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**30**	NA	**2000**	NA	**2000**	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						5	NA	15	NA	38	NA
DMW-14S	10/28/2020	N	70.29	10	60.29	5 U	-	50 U	-	250 U	250 U
				15	55.29	5 U	-	50 U	-	250 U	250 U
				20	50.29	5 U	-	50 U	-	250 U	250 U
		FD		20	50.29	5 U	-	50 U	-	250 U	250 U
		N		25	45.29	5 U	-	50 U	-	250 U	250 U
DPP-1	3/4/2019	N	68.8	5	63.80	5 U	5 U	20 U	20 U	50 U	50 U
				10	58.80	-	-	20 U	20 U	50 U	50 U
				20	48.80	-	-	20 U	20 U	50 U	50 U
				7.5	61.30	-	-	20 U	20 U	50 U	50 U
DPP-2	3/4/2019	N	66.24	5	61.24	-	-	20 U	20 U	50 U	50 U
				10	56.24	5 U	5 U	20 U	20 U	50 U	50 U
DPP-3	3/5/2019	N	55.98	5	50.98	5 U	5 U	20 U	20 U	50 U	50 U
DPP-4	3/4/2019	N	66.25	12.5	53.75	5 U	5 U	20 U	20 U	50 U	50 U
				20	46.25	5 U	5 U	20 U	20 U	50 U	50 U
DPP-5	3/4/2019	N	66.26	10	56.26	5 U	5 U	20 U	20 U	50 U	50 U
				17.5	48.76	5 U	5 U	20 U	20 U	50 U	50 U
				20	46.26	-	-	20 U	20 U	50 U	50 U
DPP-6	3/5/2019	N	55.92	12.5	43.42	5 U	5 U	20 U	20 U	50 U	50 U
				17.5	38.42	5 U	5 U	20 U	20 U	50 U	50 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	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	17.7 U	-	44.2 U	44.2 U
				8 - 13.5	61.74 to 56.24	-	-	18.1 U	-	45.2 U	45.2 U
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	20.4 U	-	51 U	51 U
				8 - 16	62.39 to 54.39	-	-	18.3 U	-	45.7 U	45.7 U
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	19.7 U	-	49.3 U	49.3 U
HC-1	4/11/2019	N	62.33	5	57.33	5 U	5 U	20 U	-	50 U	50 U
				10	52.33	5 U	5 U	-	-	-	-
				12.5	49.83	5 U	5 U	20 U	-	50 U	50 U
				15	47.33	-	-	20 U	-	50 U	50 U
				20	42.33	5 U	5 U	-	-	-	-
				25	37.33	**290**	5 U	20 U	-	50 U	50 U
HC-2	4/11/2019	N	62.47	5	57.47	-	-	20 U	-	50 U	50 U
				10	52.47	5 U	5 U	20 U	-	50 U	50 U
HC-3	4/11/2019	N	62.39	7.5	54.89	5 U	5 U	20 U	-	50 U	50 U
HC-4	4/11/2019	N	60.23	10	50.23	5 U	5 U	20 U	-	50 U	50 U
				15	45.23	5 U	5 U	20 U	-	50 U	50 U

TABLE 7-3a
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
Direct Contact[a]						1500[b]	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a,c]						**30**	NA	**2000**	NA	**2000**	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						5	NA	15	NA	38	NA
HC-5	4/11/2019	N	60.7	10	50.70	-	-	20 U	-	50 U	50 U
				15	45.70	5 U	5 U	20 U	-	50 U	50 U
MW-1	4/11/2019	N	61.72	10	51.72	5 U	5 U	20 U	-	50 U	50 U
				25	36.72	5 U	5 U	20 U	-	50 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.
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 value for total petroleum hydrocarbons were used for for the soil-leaching-to-groundwater pathway and groundwater protective of groundwater 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-GP2	4/21/2017	N	66.53	18	48.53	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0000356 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.043 U	0.0325 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0434 U	0.0328 U
				15	40.82	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0391 U	0.0295 U
21417-GP5	5/19/2017	N	66.20	1	65.20	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.042 U	0.032 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-1S	3/5/2019	N	55.94	15	40.94	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-4S	2/26/2020	N	61.76	5	56.76	**0.012**	**0.01**	**0.015**	0.01 U	**0.015**	0.01 U	0.01 U	**0.014**
				10	51.76	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	46.76	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	41.76	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	36.76	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 U
HC-1	4/11/2019	N	62.33	10	52.33	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
				20	42.33	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
HC-3	4/11/2019	N	62.39	12.5	49.89	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
HC-4	4/11/2019	N	60.23	15	45.23	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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											
						1,2,4-Trichloro benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	1,4-Dichloro benzene	1-Methyl naph thalene	2,4,5-Trichloro phenol	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dimethyl phenol	2,4-Dinitro phenol	2,4-Dinitro toluene	2,6-Dinitro 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
Direct Contact[a]						NA	NA	NA	NA	**34**	NA	NA	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	NA	NA	NA	0.005	NA	NA	NA	NA	NA	NA	NA
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0707 U	0.0707 U	0.0707 U	0.0471 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.189 U	0.0943 U	0.0943 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	-	-	0.043 U	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	-	-	0.0434 U	-	-	-	-	-	-	-
				15	40.82	-	-	-	-	**0.112**	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	-	-	-	-	0.042 U	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	-	-	0.1 U	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	-	-	0.1 U	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.76	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.76	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.76	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.76	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	0.1 U	-	-	-	-	-	-	-
				20	42.33	-	-	-	-	0.1 U	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	-	-	0.1 U	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	-	-	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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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											
						2-Chloro naph thalene	2-Chloro phenol	2-Methyl naph thalene	2-Methyl phenol (o-Cresol)	2-Nitro aniline	2-Nitro phenol	3&4-Methyl phenol	4,6-Dinitro-2-methyl phenol	4-Bromo phenyl phenyl ether	4-Chloro-3-methyl phenol	4-Chloro aniline	4-Chloro phenyl phenyl ether
						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]						NA	NA	**320**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	NA	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0943 U	0.0471 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.189 U	0.0707 U	0.189 U	0.0707 U	0.0707 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	0.043 U	-	-	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	0.0434 U	-	-	-	-	-	-	-	-	-
				15	40.82	-	-	**0.279**	-	-	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	-	-	0.042 U	-	-	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	0.1 U	-	-	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	0.1 U	-	-	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.76	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.76	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.76	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.76	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	0.1 U	-	-	-	-	-	-	-	-	-
				20	42.33	-	-	0.1 U	-	-	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	0.1 U	-	-	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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											
						4-Nitro phenol	Acenaph thene	Acenaph thylene	Anthracene	Benzo (g,h,i) perylene	Benzyl Alcohol	bis(2-Chloro ethoxy) methane	bis(2-Chloro ethyl)ether	bis(2-Ethylhexyl) adipate	bis(2-Ethylhexyl) phthalate	Butyl benzyl phthalate	Carbazole
						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]						NA	4800	NA	24000	NA	NA	NA	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a]						NA	**99**	NA	**2300**	NA	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						NA	0.005	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA	NA
21417-GP2	4/21/2017	N	66.53	18	48.53	0.471 U	0.0471 U	0.0471 U	0.0471 U	0.0471 U	0.0943 U	0.0707 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0707 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.043 U	0.043 U	0.043 U	0.043 U	-	-	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	0.0434 U	0.0434 U	0.0434 U	0.0434 U	-	-	-	-	-	-	-
				15	40.82	-	0.0391 U	0.0391 U	0.0391 U	0.0391 U	-	-	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	-	0.042 U	0.042 U	0.042 U	0.042 U	-	-	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				10	51.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				15	46.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				20	41.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
				25	36.76	-	0.01 U	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
				20	42.33	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	0.1 U	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
						Dibenzo furan	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluor anthene	Fluorene	Hexachloro benzene	Hexachloro butadiene	Hexachloro cyclo pentadiene	Hexachloro ethane	Isophorone
						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]						**80**	NA	NA	NA	NA	3200	3200	NA	NA	NA	NA	NA
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	NA	**630**	**100**	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	NA	NA	NA	NA	0.005	0.005	NA	NA	NA	NA	NA
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0707 U	0.0943 U	0.0943 U	0.0943 U	0.0943 U	0.0471 U	0.0471 U	0.0707 U	0.0707 U	0.0943 U	0.0943 U	0.0943 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	-	-	-	-	0.043 U	0.043 U	-	-	-	-	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	-	-	-	-	0.0434 U	0.0434 U	-	-	-	-	-
				15	40.82	-	-	-	-	-	0.0391 U	0.0391 U	-	-	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	-	-	-	-	-	0.042 U	0.042 U	-	-	-	-	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
DMW-1S	3/5/2019	N	55.94	15	40.94	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	-	-	-	-	-	**0.025**	0.01 U	-	-	-	-	-
				10	51.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				15	46.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				20	41.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
				25	36.76	-	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
				20	42.33	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	-	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-
HC-4	4/11/2019	N	60.23	15	45.23	-	-	-	-	-	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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3b
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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					
						Naphthalene	Nitrobenzene	N-Nitroso di-n-propylamine	Pentachlorophenol	Phenanthrene	Phenol	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	1600	NA	NA	NA	NA	NA	2400
					Protective of Groundwater Vadose Zone[a]	**4.5**	NA	NA	NA	NA	NA	**650**
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	NA	NA	NA	0.005	NA	0.005
21417-GP2	4/21/2017	N	66.53	18	48.53	0.0471 U	0.0943 U	0.0943 U	0.0943 U	0.0471 U	0.0943 U	0.0471 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.043 U	-	-	-	0.043 U	-	0.043 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0434 U	-	-	-	0.0434 U	-	0.0434 U
				15	40.82	**0.414**	-	-	-	0.0391 U	-	0.0391 U
21417-GP5	5/19/2017	N	66.20	1	65.20	0.042 U	-	-	-	0.042 U	-	0.042 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.1 U	-	-	-	0.1 U	-	0.1 U
DMW-1S	3/5/2019	N	55.94	15	40.94	0.1 U	-	-	-	0.1 U	-	0.1 U
DMW-4S	2/26/2020	N	61.76	5	56.76	0.01 U	-	-	-	0.01 U	-	**0.023**
				10	51.76	0.01 U	-	-	-	0.01 U	-	0.01 U
				15	46.76	0.01 U	-	-	-	0.01 U	-	0.01 U
				20	41.76	0.01 U	-	-	-	0.01 U	-	0.01 U
				25	36.76	**0.014**	-	-	-	0.01 U	-	0.01 U
HC-1	4/11/2019	N	62.33	10	52.33	0.1 U	-	-	-	0.1 U	-	0.1 U
				20	42.33	0.1 U	-	-	-	0.1 U	-	0.1 U
HC-3	4/11/2019	N	62.39	12.5	49.89	0.1 U	-	-	-	0.1 U	-	0.1 U
HC-4	4/11/2019	N	60.23	15	45.23	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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0275 U	0.0183 U	0.0183 U	0.0275 U	0.0183 U	0.0458 U	0.0183 U	0.0183 U	0.0183 U	-	0.0458 U	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0243 U	0.0162 U	0.0162 U	0.0243 U	0.0162 U	0.0405 U	0.0162 U	0.0162 U	0.0162 U	-	0.0405 U	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0299 U	0.0199 U	0.0199 U	0.0299 U	0.0199 U	0.0498 U	0.0199 U	0.0199 U	0.0199 U	-	0.0498 U	**0.146**
				15	40.82	0.0283 U	0.0189 U	0.0189 U	0.0283 U	0.0189 U	0.0472 U	0.0189 U	0.0189 U	0.0189 U	-	0.0472 U	**1.61**
21417-GP5	5/19/2017	N	66.20	1	65.20	0.0259 U	0.0173 U	0.0173 U	0.0259 U	0.0173 U	0.0432 U	0.0173 U	0.0173 U	0.0173 U	-	0.0432 U	0.0173 U
				14	52.20	0.0223 U	0.0148 U	0.0148 U	0.0223 U	0.0148 U	0.0371 U	0.0148 U	0.0148 U	0.0148 U	-	0.0371 U	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0239 U	0.0159 U	0.0159 U	0.0239 U	0.0159 U	0.0398 U	0.0159 U	0.0159 U	0.0159 U	-	0.0398 U	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0284 U	0.0189 U	0.0189 U	0.0284 U	0.0189 U	0.0474 U	0.0189 U	0.0189 U	0.0189 U	-	0.0474 U	0.0189 U
				13	53.49	0.0242 U	0.0161 U	0.0161 U	0.0242 U	0.0161 U	0.0403 U	0.0161 U	0.0161 U	0.0161 U	-	0.0403 U	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	0.05 U	0.05 U	0.05 U	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	43.48	0.05 U	0.05 U	0.05 U	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	40.98	0.05 U	0.05 U	0.05 U	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	30.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	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
				10	56.25	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
				25	41.25	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
DGW-3	3/6/2019	N	56.08	2.5	53.58	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
				12.5	43.58	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
				15	41.08	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
				20	36.08	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
				25	31.08	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
DGW-4	3/4/2019	N	69.87	5	64.87	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
				10	59.87	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
				15	54.87	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
				20	49.87	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
DMW-1S	3/5/2019	N	55.94	5	50.94	0.05 U	0.05 U	0.05 U	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	45.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.51**
				12.5	43.44	0.05 U	0.05 U	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**
				15	40.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**1.9**
				20	35.94	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
DMW-2S	3/2/2020	N	56.03	5	51.03	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
				10	46.03	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	-	-	**0.31 J**
				15	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	-	-	0.005 U
				20	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	-	-	0.005 U
				25	31.03	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
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.005 U	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
				10	46.09	0.005 U	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
				15	41.09	0.005 U	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
				20	36.09	0.005 U	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
				25	31.09	0.005 U	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
DMW-4S	2/26/2020	N	61.76	5	56.76	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
				10	51.76	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
				15	46.76	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
				20	41.76	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
				25	36.76	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	-	-	**0.016**
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.005 U	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
				10	59.48	0.005 U	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
				15	54.48	0.005 U	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
				20	49.48	0.005 U	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
				25	44.48	0.005 U	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
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.85	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.8	5	63.80	0.05 U	0.05 U	0.05 U	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	58.80	0.05 U	0.05 U	0.05 U	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	48.80	0.05 U	0.05 U	0.05 U	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	61.30	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

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
DPP-2	3/4/2019	N	66.24	5	61.24	0.05 U	0.05 U	0.05 U	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	56.24	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	0.05 U	0.05 U	0.05 U	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	40.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	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
				12.5	53.75	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
				17.5	48.75	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
				20	46.25	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
DPP-5	3/4/2019	N	66.26	10	56.26	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
				17.5	48.76	0.05 U	0.05 U	0.05 U	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	46.26	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
DPP-6	3/5/2019	N	55.92	5	50.92	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
				7.5	48.42	0.05 U	0.05 U	0.05 U	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	43.42	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
				17.5	38.42	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Vadose Zone[a]						NA	**1.5**	0.0012	**0.017**	**0.041**	**0.044**	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
HC-1	4/11/2019	N	62.33	5	57.33	-	-	-	-	-	-	-	-	-	-	-	-
				10	52.33	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
				17.5	44.83	0.05 U	0.05 U	0.05 U	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	42.33	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	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	**2.8**
HC-2	4/11/2019	N	62.47	10	52.47	0.05 U	0.05 U	0.05 U	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	47.47	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	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
				15	47.39	0.05 U	0.05 U	0.05 U	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	42.39	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	0.05 U	0.05 U	0.05 U	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-1	4/11/2019	N	61.72	10	51.72	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	0.05 U
				25	36.72	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	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-307	10/3/2019	N	60.29	6	54.29	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.00279 U	0.014 U	0.00559 U	0.014 U	0.00559 U
				10	50.29	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.00288 U	0.0144 U	0.00576 U	0.0144 U	0.00576 U
				15	45.29	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.00269 U	0.0135 U	0.00539 U	0.0135 U	0.00539 U
				20	40.29	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.0134 U	0.00535 U	0.0134 U	0.00535 U
				25	35.29	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.00274 U	0.0137 U	0.00549 U	0.0137 U	0.00549 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
					Direct Contact[a]	**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
					Protective of Groundwater Vadose Zone[a]	NA	0.00027	NA	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
21417-GP1	4/21/2017	N	69.53	25	44.53	0.458 U	0.00458 U	0.0183 U	0.0275 U	0.0183 U	0.0183 U	0.0183 U	0.0458 U	0.0183 U	0.0458 U	-	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.405 U	0.00405 U	0.0162 U	0.0243 U	0.0162 U	0.0162 U	0.0162 U	0.0405 U	0.0162 U	0.0405 U	-	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.498 U	0.00498 U	0.0199 U	0.0299 U	0.0199 U	0.0199 U	0.0199 U	0.0498 U	0.0199 U	0.0498 U	-	0.0199 U
				15	40.82	0.472 U	0.00433 U	0.0189 U	0.0283 U	0.0189 U	**0.741**	0.0189 U	0.0472 U	0.0189 U	0.0472 U	-	**0.171**
21417-GP5	5/19/2017	N	66.20	1	65.20	0.432 U	0.00432 U	0.0173 U	0.0259 U	0.0173 U	0.0173 U	0.0173 U	0.0432 U	0.0173 U	0.0432 U	-	0.0173 U
				14	52.20	0.371 U	0.00371 U	0.0148 U	0.0223 U	0.0148 U	0.0148 U	0.0148 U	0.0371 U	0.0148 U	0.0371 U	-	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.398 U	0.00398 U	0.0159 U	0.0239 U	0.0159 U	0.0159 U	0.0159 U	0.0398 U	0.0159 U	0.0398 U	-	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.474 U	0.00474 U	0.0189 U	0.0284 U	0.0189 U	0.0189 U	0.0189 U	0.0474 U	0.0189 U	0.0474 U	-	0.0189 U
				13	53.49	0.403 U	0.00403 U	0.0161 U	0.0242 U	0.0161 U	0.0161 U	0.0161 U	0.0403 U	0.0161 U	0.0403 U	-	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	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	-	0.05 U
				12.5	43.48	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	-	0.05 U
				15	40.98	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	-	0.05 U
				25	30.98	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	-	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	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	-	0.05 U
				10	56.25	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	-	0.05 U
				25	41.25	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	-	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	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	-	0.05 U
				12.5	43.58	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	-	0.05 U
				15	41.08	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	-	0.05 U
				20	36.08	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	-	0.05 U
				25	31.08	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	-	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	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	-	0.05 U
				10	59.87	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	-	0.05 U
				15	54.87	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	-	0.05 U
				20	49.87	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	-	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	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	-	0.05 U
				10	45.94	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.19**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				12.5	43.44	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**6.2**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				15	40.94	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.76**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
				20	35.94	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	-	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
					Direct Contact[a]	**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
					Protective of Groundwater Vadose Zone[a]	NA	0.00027	NA	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
				5	51.03	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
DMW-2S	3/2/2020	N	56.03	10	46.03	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				15	41.03	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				20	36.03	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				25	31.03	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				5	51.09	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				10	46.09	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
DMW-3IA	2/27/2020	N	56.09	15	41.09	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				20	36.09	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				25	31.09	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				5	56.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				10	51.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
DMW-4S	2/26/2020	N	61.76	15	46.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				20	41.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				25	36.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				5	64.48	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				10	59.48	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
DMW-5IA	2/28/2020	N	69.48	15	54.48	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				20	49.48	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				25	44.48	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
				5	53.34	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-7S	10/26/2020	N	58.34	15	43.34	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-
				5	53.57	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	15	43.57	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
					Direct Contact[a]	**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
					Protective of Groundwater Vadose Zone[a]	NA	0.00027	NA	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
				5	53.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	10	48.85	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.8	5	63.80	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	-	0.05 U
				10	58.80	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	-	0.05 U
				20	48.80	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	-	0.05 U
				7.5	61.30	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	-	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
					Direct Contact[a]	**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
					Protective of Groundwater Vadose Zone[a]	NA	0.00027	NA	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA
					Natural Background[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					Median PQL[a]	0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	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	-	0.05 U
				10	56.24	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	-	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	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	-	0.05 U
				15	40.98	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	-	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	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	-	0.05 U
				12.5	53.75	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	-	0.05 U
				17.5	48.75	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	-	0.05 U
				20	46.25	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	-	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	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	-	0.05 U
				17.5	48.76	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	-	0.05 U
				20	46.26	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	-	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	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	-	0.05 U
				7.5	48.42	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	-	0.05 U
				12.5	43.42	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	-	0.05 U
				17.5	38.42	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	-	0.05 U
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
Direct Contact[a]						**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
Protective of Groundwater Vadose Zone[a]						NA	0.00027	NA	**0.023**	**0.025**	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
				5	57.33	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	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	-	0.05 U
				17.5	44.83	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	-	0.05 U
				20	42.33	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**1.9**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
HC-2	4/11/2019	N	62.47	10	52.47	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	-	0.05 U
				15	47.47	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	-	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	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	-	0.05 U
				15	47.39	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	-	0.05 U
				20	42.39	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	-	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	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	-	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	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	-	0.05 U
MW-1	4/11/2019	N	61.72	10	51.72	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	-	0.05 U
				25	36.72	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	-	0.05 U
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	0.05 U	-	-	-	-	-	-	-	-
				20	37.78	-	-	-	0.05 U	-	-	-	-	-	-	-	-
MW-307	10/3/2019	N	60.29	6	54.29	0.0279 U	0.00279 U	0.00559 U	0.00279 U	0.00559 U	0.00559 U	0.00559 U	0.00559 U	0.00559 U	0.00279 U	**0.0171 J**	0.00279 U
				10	50.29	0.0288 U	0.00288 U	0.00576 U	0.00288 U	0.00576 U	0.00576 U	0.00576 U	0.00576 U	0.00576 U	0.00288 U	**0.0262 J**	0.00288 U
				15	45.29	0.0269 U	0.00269 U	0.00539 U	0.00269 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00539 U	0.00269 U	0.0269 U	0.00269 U
				20	40.29	0.0267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00267 U	**0.0139 J**	0.00267 U
				25	35.29	0.0274 U	0.00274 U	0.00549 U	0.00274 U	0.00549 U	0.00549 U	0.00549 U	0.00549 U	0.00549 U	0.00274 U	0.0274 U	0.00274 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	**29**	NA	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
21417-GP1	4/21/2017	N	69.53	25	44.53	-	0.0183 U	0.0183 U	-	-	-	0.0183 U	0.0275 U	0.0183 U	0.0183 U	0.0824 U	-
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.0162 U	0.0162 U	-	-	-	0.0162 U	0.0243 U	0.0162 U	0.0162 U	0.0729 U	-
21417-GP4	4/21/2017	N	55.82	12	43.82	-	0.0199 U	0.0199 U	-	-	-	0.0199 U	0.0299 U	0.0199 U	0.0199 U	0.0897 U	-
				15	40.82	-	**0.25**	0.0189 U	-	-	-	0.0189 U	0.0283 U	0.0189 U	0.0189 U	0.0849 U	-
21417-GP5	5/19/2017	N	66.20	1	65.20	-	0.0173 U	0.0173 U	-	-	-	0.0173 U	0.0259 U	0.0173 U	0.0173 U	0.0777 U	-
				14	52.20	-	0.0148 U	0.0148 U	-	-	-	0.0148 U	0.0223 U	0.0148 U	0.0148 U	0.0668 U	-
21417-GP6	5/19/2017	N	66.09	18	48.09	-	0.0159 U	0.0159 U	-	-	-	0.0159 U	0.0239 U	0.0159 U	0.0159 U	0.0717 U	-
21417-GP7	5/19/2017	N	66.49	2	64.49	-	0.0189 U	0.0189 U	-	-	-	0.0189 U	0.0284 U	0.0189 U	0.0189 U	0.0853 U	-
				13	53.49	-	0.0161 U	0.0161 U	-	-	-	0.0161 U	0.0242 U	0.0161 U	0.0161 U	0.0726 U	-
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5	43.48	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	40.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25	30.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DGW-2	3/4/2019	N	66.25	5	61.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10	56.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25	41.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DGW-3	3/6/2019	N	56.08	2.5	53.58	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5	43.58	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	41.08	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	36.08	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25	31.08	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DGW-4	3/4/2019	N	69.87	5	64.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10	59.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	54.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	49.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DMW-1S	3/5/2019	N	55.94	5	50.94	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10	45.94	-	**0.071**	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5	43.44	-	**1.9**	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	40.94	-	**0.25**	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	35.94	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	**29**	NA	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
				5	51.03	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
DMW-2S	3/2/2020	N	56.03	10	46.03	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				15	41.03	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				20	36.03	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				25	31.03	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				5	51.09	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
DMW-3IA	2/27/2020	N	56.09	10	46.09	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				15	41.09	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				20	36.09	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				25	31.09	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				5	56.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
DMW-4S	2/26/2020	N	61.76	10	51.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
				15	46.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
				20	41.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
				25	36.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
				5	64.48	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
DMW-5IA	2/28/2020	N	69.48	10	59.48	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				15	54.48	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				20	49.48	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				25	44.48	-	-	0.005 U	-	-	-	0.003 U	-	0.005 U	-	-	-
				5	53.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-7S	10/26/2020	N	58.34	10	48.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				5	53.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	10	48.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	**29**	NA	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
				5	53.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	10	48.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				5	54.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	10	49.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				5	56.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	10	51.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				5	61.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	10	56.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				10	56.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	15	51.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				10	60.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	15	55.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				5	63.80	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DPP-1	3/4/2019	N	68.8	10	58.80	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	48.80	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				7.5	61.30	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	**29**	NA	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				10	56.24	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DPP-3	3/5/2019	N	55.98	5	50.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	40.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DPP-4	3/4/2019	N	66.25	10	56.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5	53.75	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17.5	48.75	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	46.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DPP-5	3/4/2019	N	66.26	10	56.26	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17.5	48.76	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	46.26	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DPP-6	3/5/2019	N	55.92	5	50.92	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				7.5	48.42	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				12.5	43.42	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17.5	38.42	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
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	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	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	0.0161 U	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	0.0137 U	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	0.0197 U	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	0.0196 U	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	0.0201 U	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	0.0197 U	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	0.0158 U	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Vadose Zone[a]						NA	NA	NA	NA	**29**	NA	**0.027**	**0.56**	**0.036**	**0.36**	**0.05**	**5**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
				5	57.33	-	-	-	-	-	-	0.02 U	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				12.5	49.83	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				17.5	44.83	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	42.33	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				25	37.33	-	**0.66**	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-2	4/11/2019	N	62.47	10	52.47	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	47.47	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-3	4/11/2019	N	62.39	7.5	54.89	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				15	47.39	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				20	42.39	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-4	4/11/2019	N	60.23	15	45.23	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-5	4/11/2019	N	60.70	15	45.70	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MW-1	4/11/2019	N	61.72	10	51.72	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				25	36.72	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	-	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	-	-	-
MW-307	10/3/2019	N	60.29	6	54.29	0.0279 U	0.014 U	0.00559 U	0.0279 U	0.0279 U	0.014 U	0.00112 U	0.014 U	0.00279 U	0.0279 U	0.014 U	0.014 U
				10	50.29	0.0288 U	0.0144 U	0.00576 U	0.0288 U	**0.0253 J**	0.0144 U	**0.000462 J**	0.0144 U	0.00288 U	0.0288 U	0.0144 U	0.0144 U
				15	45.29	0.0269 U	0.0135 U	0.00539 U	0.0269 U	0.0269 U	0.0135 U	0.00108 U	0.0135 U	0.00269 U	0.0269 U	0.0135 U	0.0135 U
				20	40.29	0.0267 U	0.0134 U	0.00535 U	0.0267 U	0.0267 U	0.0134 U	0.00107 U	0.0134 U	0.00267 U	0.0267 U	0.0134 U	0.0134 U
				25	35.29	0.0274 U	0.0137 U	0.00549 U	0.0274 U	0.0274 U	0.0137 U	0.0011 U	0.0137 U	0.00274 U	0.0274 U	0.0137 U	0.0137 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	800	16000
Protective of Groundwater Vadose Zone[a]						**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA	**0.028**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001	0.0015	0.001	0.002
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0183 U	0.0183 U	-	0.055 U	0.0183 U	0.055 U	0.0183 U	0.0183 U	-	0.0275 U	0.0366 U	0.055 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0162 U	0.0162 U	-	0.0486 U	0.0162 U	0.0486 U	0.0162 U	0.0162 U	-	0.0243 U	0.0324 U	0.0486 U
21417-GP4	4/21/2017	N	55.82	12	43.82	0.0199 U	0.0199 U	-	0.0598 U	0.0199 U	0.0598 U	0.0199 U	0.0199 U	-	0.0299 U	0.0399 U	0.0598 U
				15	40.82	0.0189 U	0.0189 U	-	0.0566 U	0.0189 U	0.0566 U	0.0189 U	0.0189 U	-	283 U	0.0377 U	0.0566 U
21417-GP5	5/19/2017	N	66.20	1	65.20	0.0173 U	0.0173 U	-	0.0518 U	0.0173 U	0.0518 U	0.0173 U	0.0173 U	-	0.0259 U	0.0345 U	0.0518 U
				14	52.20	0.0148 U	0.0148 U	-	0.0445 U	0.0148 U	0.0445 U	0.0148 U	0.0148 U	-	0.0223 U	0.0297 U	0.0445 U
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0159 U	0.0159 U	-	0.0478 U	0.0159 U	0.0478 U	0.0159 U	0.0159 U	-	0.0239 U	0.0318 U	0.0478 U
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0189 U	0.0189 U	-	0.0568 U	0.0189 U	0.0568 U	0.0189 U	0.0189 U	-	0.0284 U	0.0379 U	0.0568 U
				13	53.49	0.0161 U	0.0161 U	-	0.0484 U	0.0161 U	0.0484 U	0.0161 U	0.0161 U	-	0.0242 U	0.0323 U	0.0484 U
DGW-1	3/6/2019	N	55.98	10	45.98	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
				12.5	43.48	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
				15	40.98	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
				25	30.98	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
DGW-2	3/4/2019	N	66.25	5	61.25	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
				10	56.25	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
				25	41.25	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
DGW-3	3/6/2019	N	56.08	2.5	53.58	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
				12.5	43.58	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
				15	41.08	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
				20	36.08	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
				25	31.08	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
DGW-4	3/4/2019	N	69.87	5	64.87	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
				10	59.87	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
				15	54.87	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
				20	49.87	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
DMW-1S	3/5/2019	N	55.94	5	50.94	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
				10	45.94	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
				12.5	43.44	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
				15	40.94	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
				20	35.94	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

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	800	16000
Protective of Groundwater Vadose Zone[a]						**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA	**0.028**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001	0.0015	0.001	0.002
DMW-2S	3/2/2020	N	56.03	5	51.03	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				10	46.03	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				15	41.03	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				20	36.03	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				25	31.03	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
DMW-3IA	2/27/2020	N	56.09	5	51.09	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				10	46.09	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				15	41.09	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				20	36.09	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				25	31.09	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				10	51.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				15	46.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				20	41.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				25	36.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				10	59.48	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				15	54.48	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				20	49.48	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
				25	44.48	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	-	-	-	-	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	800	16000
Protective of Groundwater Vadose Zone[a]						**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA	**0.028**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001	0.0015	0.001	0.002
				5	53.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	10	48.85	-	-	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.8	5	63.80	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
				10	58.80	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
				20	48.80	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
				7.5	61.30	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

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	800	16000
Protective of Groundwater Vadose Zone[a]						**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA	**0.028**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001	0.0015	0.001	0.002
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	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
				10	56.24	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
DPP-3	3/5/2019	N	55.98	5	50.98	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
				15	40.98	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
DPP-4	3/4/2019	N	66.25	10	56.25	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
				12.5	53.75	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
				17.5	48.75	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
				20	46.25	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
DPP-5	3/4/2019	N	66.26	10	56.26	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
				17.5	48.76	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
				20	46.26	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
DPP-6	3/5/2019	N	55.92	5	50.92	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
				7.5	48.42	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
				12.5	43.42	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
				17.5	38.42	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
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	0 - 7	58.00 to 51.00	-	-	-	-	-	-	-	-	-	-	-	-
				7 - 14	51.00 to 44.00	-	-	-	-	-	-	-	-	-	-	-	-
				14 - 19	44.00 to 39.00	-	-	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	-	-	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetrachloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	800	16000
Protective of Groundwater Vadose Zone[a]						**0.042**	**0.86**	NA	NA	**0.074**	NA	**0.078**	**0.0023**	NA	**0.028**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	0.001	0.001	0.0015	0.001	0.002
				5	57.33	-	-	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	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
				17.5	44.83	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
				20	42.33	-	-	-	-	-	-	-	-	-	-	-	-
				25	37.33	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
HC-2	4/11/2019	N	62.47	10	52.47	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
				15	47.47	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
HC-3	4/11/2019	N	62.39	7.5	54.89	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
				15	47.39	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
				20	42.39	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
HC-4	4/11/2019	N	60.23	15	45.23	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
HC-5	4/11/2019	N	60.70	15	45.70	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
MW-1	4/11/2019	N	61.72	10	51.72	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
				25	36.72	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
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-307	10/3/2019	N	60.29	6	54.29	0.00559 U	0.00279 U	0.00559 U	0.00559 U	0.00279 U	0.014 U	0.00279 U	0.00279 U	0.00559 U	0.00279 U	0.00559 U	0.00279 U
				10	50.29	0.00576 U	0.00288 U	0.00576 U	0.00576 U	**0.000843 J**	0.0144 U	0.00288 U	0.00288 U	0.00576 U	0.00288 U	0.00576 U	0.00288 U
				15	45.29	0.00539 U	0.00269 U	0.00539 U	0.00539 U	**0.000511 J**	0.0135 U	0.00269 U	0.00269 U	0.00539 U	0.00269 U	0.00539 U	0.00269 U
				20	40.29	0.00535 U	0.00267 U	0.00535 U	0.00535 U	**0.000716 J**	0.0134 U	0.00267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00267 U
				25	35.29	0.00549 U	0.00274 U	0.00549 U	0.00549 U	**0.000593 J**	0.0137 U	0.00274 U	0.00274 U	0.00549 U	0.00274 U	0.00549 U	0.00274 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	8000	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						NA	**5.9**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
21417-GP1	4/21/2017	N	69.53	25	44.53	-	0.0275 U	0.0916 U	-	-	0.0733 U	0.0183 U	0.0183 U	0.0458 U	0.0183 U	0.0275 U	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.0243 U	0.081 U	-	-	0.0648 U	0.0162 U	0.0162 U	0.0405 U	0.0162 U	0.0243 U	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	-	**0.0414**	0.0996 U	-	-	0.0797 U	0.0199 U	**0.0607**	0.0498 U	0.0199 U	**0.106**	0.0199 U
				15	40.82	-	**0.456**	0.0944 U	-	-	**0.242**	**0.406**	**0.381**	0.0472 U	0.0189 U	**0.894**	**0.483**
21417-GP5	5/19/2017	N	66.20	1	65.20	-	0.0259 U	0.0863 U	-	-	0.0691 U	0.0173 U	0.0173 U	0.0432 U	0.0173 U	0.0259 U	0.0173 U
				14	52.20	-	0.0223 U	0.0742 U	-	-	0.0594 U	0.0148 U	0.0148 U	0.0371 U	0.0148 U	0.0223 U	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	-	0.0239 U	0.0796 U	-	-	0.0637 U	0.0159 U	0.0159 U	0.0398 U	0.0159 U	0.0239 U	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	-	0.0284 U	0.0947 U	-	-	0.0758 U	0.0189 U	0.0189 U	0.0474 U	0.0189 U	0.0284 U	0.0189 U
				13	53.49	-	0.0242 U	0.0807 U	-	-	0.0645 U	0.0161 U	0.0161 U	0.0403 U	0.0161 U	0.0242 U	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12.5	43.48	-	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	40.98	-	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	30.98	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	-	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	56.25	-	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	41.25	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12.5	43.58	-	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	41.08	-	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	36.08	-	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	31.08	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	-	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	59.87	-	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	54.87	-	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	49.87	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	-	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	45.94	-	**0.053**	0.05 U	-	-	0.05 U	**0.12**	-	0.1 U	0.02 U	0.05 U	**0.18**
				12.5	43.44	-	**2.1**	0.05 U	-	-	**1.5**	**3.2**	-	0.1 U	0.02 U	0.05 U	**0.82**
				15	40.94	-	**0.12**	0.05 U	-	-	**0.12**	**0.48**	-	0.1 U	0.02 U	0.05 U	**0.58**
				20	35.94	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	8000	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						NA	**5.9**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5	51.03	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.029 U	-	-
DMW-2S	3/2/2020	N	56.03	10	46.03	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15	41.03	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20	36.03	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25	31.03	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5	51.09	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
DMW-3IA	2/27/2020	N	56.09	10	46.09	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15	41.09	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20	36.09	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25	31.09	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5	56.76	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
DMW-4S	2/26/2020	N	61.76	10	51.76	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15	46.76	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20	41.76	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25	36.76	-	**0.13**	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5	64.48	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
DMW-5IA	2/28/2020	N	69.48	10	59.48	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				15	54.48	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				20	49.48	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				25	44.48	-	0.005 U	0.025 UJ	-	-	-	-	0.01 U	-	0.02 UJ	-	-
				5	53.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-7S	10/26/2020	N	58.34	10	48.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	43.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	38.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	33.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				5	53.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	10	48.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	43.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	38.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	33.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	8000	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						NA	**5.9**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5	53.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	10	48.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	43.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	38.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	33.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	5	54.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				10	49.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	44.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	39.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	34.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				10	51.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	46.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	41.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	36.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				10	56.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	51.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	46.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	41.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	51.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	46.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				25	41.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	10	60.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				15	55.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				20	50.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
		FD		20	50.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
		N		25	45.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.8	5	63.80	-	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	58.80	-	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	48.80	-	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	61.30	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	8000	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						NA	**5.9**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	-	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	56.24	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	-	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	40.98	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12.5	53.75	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17.5	48.75	-	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	46.25	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17.5	48.76	-	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	46.26	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	-	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	48.42	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				12.5	43.42	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
				17.5	38.42	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
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	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	-	-	-	-	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	0.0242 U	-	-	-	-	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	0.0202 U	-	-	-	-	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	0.0296 U	-	-	-	-	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	0.0294 U	-	-	-	-	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	0.0301 U	-	-	-	-	-	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	0.0295 U	-	-	-	-	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	0.0158 U	-	-	-	-	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	8000	NA	NA	560	94	1600	**4000**
Protective of Groundwater Vadose Zone[a]						NA	**5.9**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	0.0035	0.005	0.001
				5	57.33	-	0.05 U	-	-	-	-	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	0.05 U	-	-	-	-	-	-	-	-	-	-
				12.5	49.83	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	-	0.05 U
				17.5	44.83	-	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	42.33	-	0.05 U	-	-	-	-	-	-	-	-	-	-
				25	37.33	-	**0.84**	0.05 U	-	-	**0.66**	**1**	-	0.1 U	0.02 U	-	**1**
HC-2	4/11/2019	N	62.47	10	52.47	-	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	47.47	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	-	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	47.39	-	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	42.39	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	-	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-1	4/11/2019	N	61.72	10	51.72	-	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	36.72	-	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-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				20	37.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-307	10/3/2019	N	60.29	6	54.29	0.00112 U	**0.000603 J**	0.0279 U	0.00559 U	0.014 U	0.00279 U	-	-	0.00112 U	0.0279 U	0.014 U	0.014 U
				10	50.29	0.00115 U	**0.000971 J**	0.0288 U	0.00576 U	0.0144 U	0.00288 U	-	-	**0.000604 J**	0.0288 U	0.0144 U	0.0144 U
				15	45.29	0.00108 U	0.00269 U	0.0269 U	**0.0147**	0.0135 U	0.00269 U	-	-	0.00108 U	0.0269 U	0.0135 U	0.0135 U
				20	40.29	0.00107 U	0.00267 U	0.0267 U	0.00535 U	0.0134 U	0.00267 U	-	-	**0.000366 J**	0.0267 U	0.0134 U	0.0134 U
				25	35.29	0.0011 U	0.00274 U	0.0274 U	**0.0218**	0.0137 U	0.00274 U	-	-	0.0011 U	0.0274 U	0.0137 U	0.0137 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
					Protective of Groundwater Vadose Zone[a]	NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA
					Natural Background[a]	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
21417-GP1	4/21/2017	N	69.53	25	44.53	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0183 U	0.0275 U	-	0.0183 U	0.0458 U	-
21417-GP3	4/21/2017	N	55.86	15.5	40.36	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0162 U	0.0243 U	-	0.0162 U	0.0405 U	-
21417-GP4	4/21/2017	N	55.82	12	43.82	**0.0368**	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0199 U	0.0299 U	-	0.0199 U	0.0498 U	-
				15	40.82	**0.416**	**0.17**	0.0189 U	**0.0237**	0.0189 U	0.0189 U	0.0189 U	0.0283 U	-	0.0189 U	0.0472 U	-
21417-GP5	5/19/2017	N	66.20	1	65.20	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0173 U	0.0259 U	-	0.0173 U	0.0432 U	-
				14	52.20	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0148 U	0.0223 U	-	0.0148 U	0.0371 U	-
21417-GP6	5/19/2017	N	66.09	18	48.09	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0159 U	0.0239 U	-	0.0159 U	0.0398 U	-
21417-GP7	5/19/2017	N	66.49	2	64.49	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0189 U	0.0284 U	-	0.0189 U	0.0474 U	-
				13	53.49	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0161 U	0.0242 U	-	0.0161 U	0.0403 U	-
DGW-1	3/6/2019	N	55.98	10	45.98	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	-
				12.5	43.48	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	-
				15	40.98	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	-
				25	30.98	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	-
DGW-2	3/4/2019	N	66.25	5	61.25	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	-
				10	56.25	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	-
				25	41.25	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	-
DGW-3	3/6/2019	N	56.08	2.5	53.58	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	-
				12.5	43.58	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	-
				15	41.08	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	-
				20	36.08	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	-
				25	31.08	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	-
DGW-4	3/4/2019	N	69.87	5	64.87	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	-
				10	59.87	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	-
				15	54.87	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	-
				20	49.87	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	-
DMW-1S	3/5/2019	N	55.94	5	50.94	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	-
				10	45.94	**0.11**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-
				12.5	43.44	**3.2**	-	0.05 U	**0.105**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-
				15	40.94	**0.28**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-
				20	35.94	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	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA
Natural Background[a]						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
				5	51.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				10	46.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
DMW-2S	3/2/2020	N	56.03	15	41.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				20	36.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				25	31.03	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				5	51.09	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				10	46.09	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
DMW-3IA	2/27/2020	N	56.09	15	41.09	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				20	36.09	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				25	31.09	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				5	56.76	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-
				10	51.76	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-
DMW-4S	2/26/2020	N	61.76	15	46.76	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-
				20	41.76	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-
				25	36.76	-	0.005 U	-	-	0.025 U	**0.046**	0.001 U	-	-	0.03 U	0.05 U	-
				5	64.48	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				10	59.48	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
DMW-5IA	2/28/2020	N	69.48	15	54.48	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				20	49.48	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				25	44.48	-	0.005 U	-	-	0.025 U	0.005 U	0.001 U	-	-	0.03 U	0.05 U	-
				5	53.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				10	48.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-7S	10/26/2020	N	58.34	15	43.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	38.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	33.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				5	53.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				10	48.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	15	43.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	38.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	33.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA
Natural Background[a]						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
				5	53.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	10	48.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	43.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	38.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	33.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				10	49.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	44.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	39.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	34.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				10	51.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	46.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	41.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	36.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				10	56.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	51.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	46.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	41.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	51.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	46.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				25	41.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				15	55.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				20	50.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
		FD		20	50.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
		N		25	45.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DPP-1	3/4/2019	N	68.8	5	63.80	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	-
				10	58.80	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	-
				20	48.80	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	-
				7.5	61.30	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	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA
Natural Background[a]						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
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	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	-
				10	56.24	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	-
DPP-3	3/5/2019	N	55.98	5	50.98	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	-
				15	40.98	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	-
DPP-4	3/4/2019	N	66.25	10	56.25	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	-
				12.5	53.75	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	-
				17.5	48.75	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	-
				20	46.25	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	-
DPP-5	3/4/2019	N	66.26	10	56.26	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	-
				17.5	48.76	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	-
				20	46.26	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	-
DPP-6	3/5/2019	N	55.92	5	50.92	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	-
				7.5	48.42	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	-
				12.5	43.42	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	-
				17.5	38.42	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	-
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	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	-	-	-	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	-	-	-	0.0161 U	-	-	-	-	-	-
				8 - 13.5	61.74 to 56.24	-	-	-	-	-	0.0137 U	-	-	-	-	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	-	-	-	0.0197 U	-	-	-	-	-	-
				8 - 16	62.39 to 54.39	-	-	-	-	-	0.0196 U	-	-	-	-	-	-
				16 - 17	54.39 to 53.39	-	-	-	-	-	0.0201 U	-	-	-	-	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	-	-	-	0.0197 U	-	-	-	-	-	-
				8 - 9	63.02 to 62.02	-	-	-	-	-	0.0238 U	-	-	-	-	-	-

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Vadose Zone[a]						NA	NA	**2.2**	NA	**0.05**	**4.5**	**0.52**	0.0023	NA	**0.025**	NA	NA
Natural Background[a]						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
				5	57.33	-	-	-	-	-	0.05 U	-	-	-	-	-	-
HC-1	4/11/2019	N	62.33	10	52.33	-	-	-	-	-	0.05 U	-	-	-	-	-	-
				12.5	49.83	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	-
				17.5	44.83	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	-
				20	42.33	-	-	-	-	-	0.05 U	-	-	-	-	-	-
				25	37.33	**1.4**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-
HC-2	4/11/2019	N	62.47	10	52.47	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	-
				15	47.47	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	-
HC-3	4/11/2019	N	62.39	7.5	54.89	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	-
				15	47.39	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	-
				20	42.39	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	-
HC-4	4/11/2019	N	60.23	15	45.23	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	-
HC-5	4/11/2019	N	60.70	15	45.70	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	-
MW-1	4/11/2019	N	61.72	10	51.72	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	-
				25	36.72	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	-
MW-117	2/4/2013	N	57.78	10	47.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-
				20	37.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-
MW-307	10/3/2019	N	60.29	6	54.29	0.00559 U	-	0.014 U	0.00559 U	0.00279 U	**0.0131**	0.00559 U	0.00559 U	0.00559 U	0.00112 U	0.00279 U	0.00279 U
				10	50.29	0.00576 U	-	0.0144 U	0.00576 U	0.00288 U	**0.026**	0.00576 U	0.00576 U	0.00576 U	0.00115 U	0.00288 U	0.00288 U
				15	45.29	0.00539 U	-	0.0135 U	0.00539 U	0.00269 U	**0.00403 J**	0.00539 U	0.00539 U	0.00539 U	0.00108 U	0.00269 U	0.00269 U
				20	40.29	0.00535 U	-	0.0134 U	0.00535 U	0.00267 U	**0.00602**	0.00535 U	0.00535 U	0.00535 U	0.00107 U	0.00267 U	0.00267 U
				25	35.29	0.00549 U	-	0.0137 U	0.00549 U	0.00274 U	**0.00675**	0.00549 U	0.00549 U	0.00549 U	0.0011 U	0.00274 U	0.00274 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	0.0015	0.005
21417-GP1	4/21/2017	N	69.53	25	44.53	-	0.00183 U	0.0183 U
21417-GP3	4/21/2017	N	55.86	15.5	40.36	-	0.00162 U	0.0162 U
21417-GP4	4/21/2017	N	55.82	12	43.82	-	0.00199 U	**0.0607**
				15	40.82	-	0.0189 U	**0.551**
21417-GP5	5/19/2017	N	66.20	1	65.20	-	0.00173 U	0.0173 U
				14	52.20	-	0.00148 U	0.0148 U
21417-GP6	5/19/2017	N	66.09	18	48.09	-	0.00159 U	0.0159 U
21417-GP7	5/19/2017	N	66.49	2	64.49	-	0.00189 U	0.0189 U
				13	53.49	-	0.00161 U	0.0161 U
DGW-1	3/6/2019	N	55.98	10	45.98	-	0.05 U	0.05 U
				12.5	43.48	-	0.05 U	0.05 U
				15	40.98	-	0.05 U	0.05 U
				25	30.98	-	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	5	61.25	-	0.05 U	0.05 U
				10	56.25	-	0.05 U	0.05 U
				25	41.25	-	0.05 U	0.05 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	-	0.05 U	0.05 U
				12.5	43.58	-	0.05 U	0.05 U
				15	41.08	-	0.05 U	0.05 U
				20	36.08	-	0.05 U	0.05 U
				25	31.08	-	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	5	64.87	-	0.05 U	0.05 U
				10	59.87	-	0.05 U	0.05 U
				15	54.87	-	0.05 U	0.05 U
				20	49.87	-	0.05 U	0.05 U
DMW-1S	3/5/2019	N	55.94	5	50.94	-	0.05 U	0.05 U
				10	45.94	-	0.05 U	**0.071**
				12.5	43.44	-	0.05 U	**4.4**
				15	40.94	-	0.05 U	**0.2**
				20	35.94	-	0.05 U	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	0.0015	0.005
DMW-2S	3/2/2020	N	56.03	5	51.03	-	0.005 U	0.01 U
				10	46.03	-	0.005 U	0.01 U
				15	41.03	-	0.005 U	0.01 U
				20	36.03	-	0.005 U	0.01 U
				25	31.03	-	0.005 U	0.01 U
DMW-3IA	2/27/2020	N	56.09	5	51.09	-	0.005 U	0.01 U
				10	46.09	-	0.005 U	0.01 U
				15	41.09	-	0.005 U	0.01 U
				20	36.09	-	0.005 U	0.01 U
				25	31.09	-	0.005 U	0.01 U
DMW-4S	2/26/2020	N	61.76	5	56.76	-	0.005 U	0.01 U
				10	51.76	-	0.005 U	0.01 U
				15	46.76	-	0.005 U	0.01 U
				20	41.76	-	0.005 U	0.01 U
				25	36.76	-	0.005 U	0.01 U
DMW-5IA	2/28/2020	N	69.48	5	64.48	-	0.005 U	0.01 U
				10	59.48	-	0.005 U	0.01 U
				15	54.48	-	0.005 U	0.01 U
				20	49.48	-	0.005 U	0.01 U
				25	44.48	-	0.005 U	0.01 U
DMW-7S	10/26/2020	N	58.34	5	53.34	-	-	0.06 U
				10	48.34	-	-	0.06 U
				15	43.34	-	-	0.06 U
				20	38.34	-	-	0.06 U
				25	33.34	-	-	0.06 U
DMW-8S	10/27/2020	N	58.57	5	53.57	-	-	0.06 U
				10	48.57	-	-	0.06 U
				15	43.57	-	-	0.06 U
				20	38.57	-	-	0.06 U
				25	33.57	-	-	0.06 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	0.0015	0.005
DMW-9S	10/27/2020	N	58.85	5	53.85	-	-	0.06 U
				10	48.85	-	-	0.06 U
				15	43.85	-	-	0.06 U
				20	38.85	-	-	0.06 U
				25	33.85	-	-	0.06 U
DMW-10S	10/19/2020	N	59.46	5	54.46	-	-	0.06 U
				10	49.46	-	-	0.06 U
				15	44.46	-	-	0.06 U
				20	39.46	-	-	0.06 U
				25	34.46	-	-	0.06 U
DMW-11S	10/19/2020	N	61.15	5	56.15	-	-	0.06 U
				10	51.15	-	-	0.06 U
				15	46.15	-	-	0.06 U
				20	41.15	-	-	0.06 U
				25	36.15	-	-	0.06 U
DMW-12S	10/20/2020	N	66.05	5	61.05	-	-	0.06 U
				10	56.05	-	-	0.06 U
				15	51.05	-	-	0.06 U
				20	46.05	-	-	0.06 U
				25	41.05	-	-	0.06 U
DMW-13S	10/23/2020	N	66.28	10	56.28	-	-	0.06 U
				15	51.28	-	-	0.06 U
				20	46.28	-	-	0.06 U
				25	41.28	-	-	0.06 U
DMW-14S	10/28/2020	N	70.29	10	60.29	-	-	0.06 U
				15	55.29	-	-	0.06 U
				20	50.29	-	-	0.06 U
		FD		20	50.29	-	-	0.06 U
		N		25	45.29	-	-	0.06 U
DPP-1	3/4/2019	N	68.8	5	63.80	-	0.05 U	0.05 U
				10	58.80	-	0.05 U	0.05 U
				20	48.80	-	0.05 U	0.05 U
				7.5	61.30	-	0.05 U	0.05 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	0.0015	0.005
~~DPP-2~~	~~3/4/2019~~	~~N~~	~~66.24~~	5	61.24	-	0.05 U	0.05 U
				10	56.24	-	0.05 U	0.05 U
DPP-3	3/5/2019	N	55.98	5	50.98	-	0.05 U	0.05 U
				15	40.98	-	0.05 U	0.05 U
DPP-4	3/4/2019	N	66.25	10	56.25	-	0.05 U	0.05 U
				12.5	53.75	-	0.05 U	0.05 U
				17.5	48.75	-	0.05 U	0.05 U
				20	46.25	-	0.05 U	0.05 U
DPP-5	3/4/2019	N	66.26	10	56.26	-	0.05 U	0.05 U
				17.5	48.76	-	0.05 U	0.05 U
				20	46.26	-	0.05 U	0.05 U
DPP-6	3/5/2019	N	55.92	5	50.92	-	0.05 U	0.05 U
				7.5	48.42	-	0.05 U	0.05 U
				12.5	43.42	-	0.05 U	0.05 U
				17.5	38.42	-	0.05 U	0.05 U
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	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
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	-	-	0.0161 U
				8 - 13.5	61.74 to 56.24	-	-	0.0137 U
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	-	-	0.0197 U
				8 - 16	62.39 to 54.39	-	-	0.0196 U
				16 - 17	54.39 to 53.39	-	-	0.0201 U
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	-	-	0.0197 U
				8 - 9	63.02 to 62.02	-	-	0.0158 U

TABLE 7-3c
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Vadose Zone[a]	**33**	**0.0017**	**14**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	0.0015	0.005
HC-1	4/11/2019	N	62.33	5	57.33	-	-	0.05 U
				10	52.33	-	-	0.05 U
				12.5	49.83	-	0.05 U	0.05 U
				17.5	44.83	-	0.05 U	0.05 U
				20	42.33	-	-	0.05 U
				25	37.33	-	0.05 U	**0.62**
HC-2	4/11/2019	N	62.47	10	52.47	-	0.05 U	0.05 U
				15	47.47	-	0.05 U	0.05 U
HC-3	4/11/2019	N	62.39	7.5	54.89	-	0.05 U	0.05 U
				15	47.39	-	0.05 U	0.05 U
				20	42.39	-	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	15	45.23	-	0.05 U	0.05 U
HC-5	4/11/2019	N	60.70	15	45.70	-	0.05 U	0.05 U
MW-1	4/11/2019	N	61.72	10	51.72	-	0.05 U	0.05 U
				25	36.72	-	0.05 U	0.05 U
MW-117	2/4/2013	N	57.78	10	47.78	-	0.05 U	-
				20	37.78	-	0.05 U	-
MW-307	10/3/2019	N	60.29	6	54.29	0.014 U	0.00279 U	0.00727 U
				10	50.29	0.0144 U	0.00288 U	0.00748 U
				15	45.29	0.0135 U	0.00269 U	0.007 U
				20	40.29	0.0134 U	0.00267 U	0.00695 U
				25	35.29	0.0137 U	0.00274 U	0.00713 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3d
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT DEXTER PARCEL 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
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
DMW-10S	10/19/2020	N	59.46	5	54.46	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
				10	49.46	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
				15	44.46	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
				20	39.46	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	34.46	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
DMW-11S	10/19/2020	N	61.15	5	56.15	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	51.15	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	46.15	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	41.15	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	36.15	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
DMW-12S	10/20/2020	N	66.05	5	61.05	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
				10	56.05	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	51.05	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
				20	46.05	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
				25	41.05	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
DMW-13S	10/23/2020	N	66.28	10	56.28	0.02 U	0.02 U	0.02 U	0.02 U	**0.024**	0.02 U	0.02 U	0.02 U	0.02 U	**0.024**
				15	51.28	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	46.28	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
				25	41.28	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
DMW-14S	10/28/2020	N	70.29	10	60.29	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	55.29	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	50.29	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
		FD		20	50.29	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
		N		25	45.29	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).
Screening levels provided by Ecology (November 17, 2020).
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, value is the laboratory reporting limit.

TABLE 7-3e
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Lead	Mercury	Selenium	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	0.67	16000	80	**120000**	**250**	24	400	400
					Protective of Groundwater Vadose Zone[a]	0.34	**1600**	0.69	480000	3000	**2.1**	**5.2**	**14**
					Natural Background[a]	**7.3**	NA	**0.77**	48	17	0.07	NA	NA
					Median PQL[a]	0.1	0.1	0.1	0.1	0.1	0.02	0.5	0.1
21417-GP2	4/21/2017	N	66.53	18	48.53	**1.99**	**23.6**	0.173 U	**21.3**	**1.08**	0.271 U	**0.691**	0.0865 U
21417-GP4	4/21/2017	N	55.82	15	40.82	-	-	-	-	**1.49**	-	-	-
21417-GP5	5/19/2017	N	66.20	1	65.20	**4.6**	**81.8**	0.178 U	**39.1**	**20.7**	0.273 U	**1.38**	0.0891 U
DGW-1	3/6/2019	N	55.98	10	45.98	12 U	**47**	0.58 U	**34**	5.8 U	0.29 U	12 U	0.58 U
				25	30.98	11 U	**28**	0.55 U	**29**	5.5 U	0.28 U	11 U	0.55 U
DGW-2	3/4/2019	N	66.25	10	56.25	11 U	**44**	0.55 U	**37**	5.5 U	0.27 U	11 U	0.55 U
DGW-3	3/6/2019	N	56.08	2.5	53.58	11 U	**38**	0.55 U	**25**	5.5 U	0.28 U	11 U	0.55 U
				12.5	43.58	11 U	**43**	0.56 U	**30**	5.6 U	0.28 U	11 U	0.56 U
				25	31.08	11 U	**30**	0.55 U	**23**	5.5 U	0.28 U	11 U	0.55 U
DGW-4	3/4/2019	N	69.87	5	64.87	12 U	**45**	0.58 U	**34**	5.8 U	0.29 U	12 U	1.2 U
				15	54.87	11 U	**58**	0.54 U	**47**	**27**	0.27 U	11 U	1.1 U
				20	49.87	11 U	**36**	0.53 U	**22**	5.3 U	0.27 U	11 U	1.1 U
DMW-1S	3/5/2019	N	55.94	10	45.94	12 U	**51**	0.58 U	**31**	5.8 U	0.29 U	12 U	1.2 U
				15	40.94	11 U	**32**	0.54 U	**23**	5.4 U	0.27 U	11 U	1.1 U
				20	35.94	11 U	**53**	0.55 U	**35**	5.5 U	0.27 U	11 U	1.1 U
DMW-2S	3/2/2020	N	56.03	5	51.03	**2.41**	-	1 U	**20.2**	**2.19**	1 U	-	-
				10	46.03	**1.22**	-	1 U	**15**	**1.27**	1 U	-	-
				15	41.03	**1.44**	-	1 U	**17.8**	**1.91**	1 U	-	-
				20	36.03	**1.46**	-	1 U	**17.3**	**1.29**	1 U	-	-
				25	31.03	**1.2**	-	1 U	**14.5**	**1.19**	1 U	-	-
DMW-3IA	2/27/2020	N	56.09	5	51.09	**1.24**	-	1 U	**14.4**	**1.59**	1 U	-	-
				10	46.09	**1.46**	-	1 U	**15.5**	**1.45**	1 U	-	-
				15	41.09	**1.47**	-	1 U	**12.5**	**1.22**	1 U	-	-
				20	36.09	**1.32**	-	1 U	**13**	**1.26**	1 U	-	-
				25	31.09	**1.24**	-	1 U	**21.1**	**1.96**	1 U	-	-
DMW-4S	2/26/2020	N	61.76	5	56.76	**1.91**	-	1 U	**30.3**	**10**	1 U	-	-
				10	51.76	**1.88**	-	1 U	**19.8**	**2**	1 U	-	-
				15	46.76	**1.39**	-	1 U	**19.8**	**1.86**	1 U	-	-
				20	41.76	**1.29**	-	1 U	**14.3**	**1.23**	1 U	-	-
				25	36.76	**1.39**	-	1 U	**17.5**	**1.49**	1 U	-	-
DMW-5IA	2/28/2020	N	69.48	5	64.48	**1.73**	-	1 U	**15.6**	**2.33**	1 U	-	-
				10	59.48	**3**	-	1 U	**20.7**	**2.56**	1 U	-	-
				15	54.48	**1.54**	-	1 U	**12**	**1.2**	1 U	-	-
				20	49.48	**1.76**	-	1 U	**19.2**	**1.29**	1 U	-	-
				25	44.48	**1.35**	-	1 U	**12.1**	**1.11**	1 U	-	-
DPP-1	3/4/2019	N	68.8	10	58.80	11 U	**31**	0.53 U	**25**	5.3 U	0.27 U	11 U	1.1 U
				20	48.80	11 U	**36**	0.54 U	**27**	5.4 U	0.27 U	11 U	1.1 U
DPP-2	3/4/2019	N	66.24	5	61.24	12 U	**71**	0.6 U	**43**	6 U	0.3 U	12 U	0.6 U
				10	56.24	11 U	**54**	0.54 U	**34**	5.4 U	0.27 U	11 U	0.54 U

TABLE 7-3e
VADOSE ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Lead	Mercury	Selenium	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Direct Contact[a]						0.67	16000	80	**120000**	**250**	24	400	400
Protective of Groundwater Vadose Zone[a]						0.34	**1600**	0.69	480000	3000	**2.1**	**5.2**	**14**
Natural Background[a]						**7.3**	NA	**0.77**	48	17	0.07	NA	NA
Median PQL[a]						0.1	0.1	0.1	0.1	0.1	0.02	0.5	0.1
DPP-3	3/5/2019	N	55.98	10	45.98	11 U	**48**	0.55 U	**29**	5.5 U	0.27 U	11 U	1.1 U
				25	30.98	11 U	**35**	0.57 U	**22**	5.7 U	0.28 U	11 U	1.1 U
DPP-4	3/4/2019	N	66.25	12.5	53.75	11 U	**34**	0.54 U	**24**	5.4 U	0.27 U	11 U	0.54 U
				20	46.25	12 U	**46**	0.6 U	**31**	6 U	0.3 U	12 U	0.6 U
DPP-5	3/4/2019	N	66.26	10	56.26	11 U	**36**	0.57 U	**40**	5.7 U	0.29 U	11 U	0.57 U
				17.5	48.76	11 U	**43**	0.56 U	**34**	5.6 U	0.28 U	11 U	0.56 U
DPP-6	3/5/2019	N	55.92	7.5	48.42	11 U	**36**	0.55 U	**25**	5.5 U	0.27 U	11 U	1.1 U
				12.5	43.42	11 U	**32**	0.54 U	**22**	5.4 U	0.27 U	11 U	1.1 U
				17.5	38.42	11 U	**42**	0.55 U	**26**	5.5 U	0.28 U	11 U	1.1 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	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**	-	-	-
GP-14	4/3/2012	N	69.74	0 - 8	69.74 to 61.74	**2.45**	-	0.146 U	**29.9**	**1.87**	0.226 U	-	-
				8 - 13.5	61.74 to 56.24	**2.49**	-	0.161 U	**36.7**	**1.82**	0.238 U	-	-
GP-17	4/4/2012	N	70.39	0 - 8	70.39 to 62.39	**5.79**	-	0.16 U	**35.8**	**3.12**	0.258 U	-	-
				8 - 16	62.39 to 54.39	**2.64**	-	0.159 U	**36.4**	**3.68**	0.255 U	-	-
GP-20	4/5/2012	N	71.02	0 - 8	71.02 to 63.02	**4.64**	-	0.17 U	**60.4**	**2**	0.245 U	-	-
HC-1	4/11/2019	N	62.33	7.5	54.83	1 U	-	1 U	**1.2**	1 U	0.5 U	-	-
				15	47.33	1 U	-	1 U	1 U	1 U	0.5 U	-	-
				20	42.33	1 U	-	1 U	1 U	1 U	0.5 U	-	-
				25	37.33	-	-	-	-	**1.2 J**	-	-	-
HC-3	4/11/2019	N	62.39	12.5	49.89	1 U	-	1 U	1 UJ	1 UJ	0.5 U	-	-
HC-4	4/11/2019	N	60.23	15	45.23	1 U	-	1 U	1 U	1 U	0.5 U	-	-
HC-5	4/11/2019	N	60.70	15	45.70	1 U	-	1 U	1 U	1 U	0.5 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3f
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
					Direct Contact[a]	1500	NA	NA	NA	NA	NA
					Protective of Groundwater Saturated Zone[a]	**30**	NA	**2000**	NA	**2000**	**2000**
					Natural Background[a]	NA	NA	NA	NA	NA	NA
					Median PQL[a]	5	NA	15	NA	38	NA
DGW-2	3/4/2019	N	66.25	30	36.25	5 U	5 U	20 U	20 U	50 U	50 U
DGW-4	3/4/2019	N	69.87	35	34.87	5 U	5 U	20 U	20 U	50 U	50 U
				50	19.87	5 U	5 U	20 U	20 U	50 U	50 U
DMW-4S	2/26/2020	N	61.76	30	31.76	5 U	-	50 U	-	250 U	250 U
DMW-7S	10/26/2020	N	58.34	30	28.34	5 U	-	50 U	-	250 U	250 U
				35	23.34	5 U	-	50 U	-	250 U	250 U
DMW-8S	10/27/2020	N	58.57	30	28.57	5 U	-	50 U	-	250 U	250 U
				35	23.57	5 U	-	50 U	-	250 U	250 U
DMW-9S	10/27/2020	N	58.85	30	28.85	5 U	-	50 U	-	250 U	250 U
DMW-10S	10/19/2020	N	59.46	30	29.46	5 U	-	50 U	-	250 U	250 U
				35	24.46	5 U	-	50 U	-	250 U	250 U
				40	19.46	5 U	-	50 U	-	250 U	250 U
				45	14.46	5 U	-	50 U	-	250 U	250 U
				50	9.46	5 U	-	50 U	-	250 U	250 U
				55	4.46	5 U	-	50 U	-	250 U	250 U
DMW-11S	10/20/2020	N	61.15	30	31.15	5 U	-	50 U	-	250 U	250 U
				35	26.15	5 U	-	50 U	-	250 U	250 U
				40	21.15	5 U	-	50 U	-	250 U	250 U
				45	16.15	5 U	-	50 U	-	250 U	250 U
				50	11.15	5 U	-	50 U	-	250 U	250 U
				55	6.15	5 U	-	50 U	-	250 U	250 U
DMW-12S	10/20/2020	N	66.05	30	36.05	5 U	-	50 U	-	250 U	250 U
				35	31.05	5 U	-	50 U	-	250 U	250 U
				40	26.05	5 U	-	50 U	-	250 U	250 U
				45	21.05	5 U	-	50 U	-	250 U	250 U
				50	16.05	5 U	-	50 U	-	250 U	250 U
				55	11.05	5 U	-	50 U	-	250 U	250 U
DMW-13S	10/23/2020	N	66.28	30	36.28	5 U	-	50 U	-	250 U	250 U
				35	31.28	5 U	-	50 U	-	250 U	250 U
				40	26.28	5 U	-	50 U	-	250 U	250 U
				45	21.28	5 U	-	50 U	-	250 U	250 U
				50	16.28	5 U	-	50 U	-	250 U	250 U

TABLE 7-3f
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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
Direct Contact[a]						1500	NA	NA	NA	NA	NA
Protective of Groundwater Saturated Zone[a]						**30**	NA	**2000**	NA	**2000**	**2000**
Natural Background[a]						NA	NA	NA	NA	NA	NA
Median PQL[a]						5	NA	15	NA	38	NA
DMW-14S	10/28/2020	N	70.29	30	40.29	5 U	-	50 U	-	250 U	250 U
				35	35.29	5 U	-	50 U	-	250 U	250 U
				40	30.29	5 U	-	50 U	-	250 U	250 U
				45	25.29	5 U	-	50 U	-	250 U	250 U
				50	20.29	5 U	-	50 U	-	250 U	250 U
DPP-3	3/5/2019	N	55.98	30	25.98	5 U	5 U	20 U	20 U	50 U	50 U
HC-1	4/11/2019	N	62.33	30	32.33	**30**	5 U	20 U	-	50 U	50 U
HC-3	4/11/2019	N	62.39	30	32.39	5 U	5 U	20 U	-	50 U	50 U
HC-4	4/11/2019	N	60.23	35	25.23	**9.8**	5 U	20 U	-	50 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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3g
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
DMW-4S	2/26/2020	N	61.76	30	31.76	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0006 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).
Screening levels provided by Ecology (November 17, 2020).
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3g
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVEL
SEMI-VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Semi-Volatile Organic Compounds								
						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
					Direct Contact[a]	4800	NA	24000	NA	3200	3200	1600	NA	2400
					Protective of Groundwater Saturated Zone[a]	**5**	NA	**110**	NA	**32**	**5.1**	**0.24**	NA	**33**
					Natural Background[a]	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
DMW-4S	2/26/2020	N	61.76	30	31.76	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

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).
Screening levels provided by Ecology (November 17, 2020).
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Saturated Zone[a]						NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
DGW-1	3/6/2019	N	55.98	30	25.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	30	36.25	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
DGW-4	3/4/2019	N	69.87	35	34.87	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
				50	19.87	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
DMW-4S	2/26/2020	N	61.76	30	31.76	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
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						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**
Protective of Groundwater Saturated Zone[a]						NA	**0.084**	8.00E-05	0.0011	**0.0026**	0.0024	NA	NA	NA	NA	NA	NA
Natural Background[a]						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
DPP-3	3/5/2019	N	55.98	30	25.98	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
HC-1	4/11/2019	N	62.33	30	32.33	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	**0.97**
HC-3	4/11/2019	N	62.39	30	32.39	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	35	25.23	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U	**0.37**
MW-1	4/11/2019	N	61.72	30	31.72	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	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-307	10/3/2019	N	60.29	30	30.29	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.00369 U	0.0184 U	0.00737 U	0.0184 U	0.00737 U
				35	25.29	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.00267 U	0.0134 U	0.00535 U	0.0134 U	0.00535 U
				40	20.29	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.00285 U	0.0143 U	0.00571 U	0.0143 U	0.00571 U
				45	15.29	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.0138 U	0.00551 U	0.0138 U	0.00551 U
				50	10.29	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
				55	5.29	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.00271 U	0.0136 U	0.00543 U	0.0136 U	0.00543 U
				60	0.29	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	0.00565 U	0.0141 U	**0.00217 J**
				65	-4.71	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.00575 U	0.0288 U	0.0115 U	0.0288 U	**0.00355 J**
				70	-9.71	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.0286 U	0.143 U	0.0573 U	0.143 U	0.0573 U
				75	-14.71	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.00276 U	0.0138 U	0.00551 U	0.0138 U	0.00551 U
				80	-19.71	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	0.00584 U	0.0146 U	**0.00186 J**
				85	-24.71	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	0.00573 U	0.0143 U	**0.00182 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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
Direct Contact[a]						**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
Protective of Groundwater Saturated Zone[a]						NA	1.80E-05	NA	**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
DGW-1	3/6/2019	N	55.98	30	25.98	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	-	0.05 U
DGW-2	3/4/2019	N	66.25	30	36.25	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	-	0.05 U
DGW-4	3/4/2019	N	69.87	35	34.87	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	-	0.05 U
				50	19.87	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	-	0.05 U
DMW-4S	2/26/2020	N	61.76	30	31.76	0.05 U	-	0.005 U	-	0.001 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						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	2-Butanone (Methyl Ethyl Ketone)	2-Chloro 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
Direct Contact[a]						**1.3**	0.5	NA	11	27	**800**	NA	NA	NA	NA	**48000**	**1600**
Protective of Groundwater Saturated Zone[a]						NA	1.80E-05	NA	**0.0016**	**0.0017**	NA	NA	NA	NA	NA	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	**0.001**	NA	0.001	0.0015	0.001	NA	0.0015	NA	0.003	0.005	0.001
DPP-3	3/5/2019	N	55.98	30	25.98	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	-	0.05 U
HC-1	4/11/2019	N	62.33	30	32.33	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.43**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
HC-3	4/11/2019	N	62.39	30	32.39	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	-	0.05 U
HC-4	4/11/2019	N	60.23	35	25.23	0.05 U	0.005 U	0.05 U	0.02 U	0.05 U	**0.18**	0.05 U	0.05 U	0.05 U	0.05 U	-	0.05 U
MW-1	4/11/2019	N	61.72	30	31.72	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	-	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-307	10/3/2019	N	60.29	30	30.29	0.0369 U	0.00369 U	0.00737 U	0.00369 U	0.00737 U	0.00737 U	0.00737 U	0.00737 U	0.00737 U	0.00369 U	0.0369 U	0.00369 U
				35	25.29	0.0267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00535 U	0.00267 U	**0.0154 J**	0.00267 U
				40	20.29	0.0285 U	0.00285 U	0.00571 U	0.00285 U	0.00571 U	0.00571 U	0.00571 U	0.00571 U	0.00571 U	0.00285 U	0.0285 U	0.00285 U
				45	15.29	0.0276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	**0.016 J**	0.00276 U
				50	10.29	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	**0.0181 J**	0.00278 U
				55	5.29	0.0271 U	0.00271 U	0.00543 U	0.00271 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00543 U	0.00271 U	**0.0201 J**	0.00271 U
				60	0.29	0.0282 U	0.00282 U	0.00565 U	0.00282 U	0.00565 U	0.00565 U	0.00565 U	0.00565 U	0.00565 U	0.00282 U	0.0282 U	0.00282 U
				65	-4.71	0.0575 U	0.00575 U	0.0115 U	0.00575 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.0115 U	0.00575 U	0.0575 U	0.00575 U
				70	-9.71	0.286 U	0.0286 U	0.0573 U	0.0286 U	0.0573 U	0.0573 U	0.0573 U	0.0573 U	0.0573 U	0.0286 U	0.286 U	0.0286 U
				75	-14.71	0.0276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00551 U	0.00276 U	**0.0174 J**	0.00276 U
				80	-19.71	0.0293 U	0.00293 U	0.00584 U	0.00293 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00584 U	0.00293 U	**0.0201 J**	0.00293 U
				85	-24.71	0.0286 U	0.00286 U	0.00573 U	0.00286 U	0.00573 U	0.00573 U	0.00573 U	0.00573 U	0.00573 U	0.00286 U	**0.0314**	0.00286 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Saturated Zone[a]						NA	NA	NA	NA	**2.1**	NA	**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
DGW-1	3/6/2019	N	55.98	30	25.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DGW-2	3/4/2019	N	66.25	30	36.25	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DGW-4	3/4/2019	N	69.87	35	34.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
				50	19.87	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
DMW-4S	2/26/2020	N	61.76	30	31.76	-	-	0.005 U	-	-	-	0.02 U	-	0.005 U	-	-	-
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	0.02 U	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	0.02 U	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						2-Hexanone	2-Phenylbutane (sec-Butylbenzene)	4-Chlorotoluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform	Bromomethane (Methyl Bromide)	Carbon disulfide
						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]						**400**	**8000**	NA	**6400**	72000	**1.9**	18	640	16	130	110	8000
Protective of Groundwater Saturated Zone[a]						NA	NA	NA	NA	**2.1**	NA	**0.0017**	**0.033**	**0.0024**	**0.023**	**0.0033**	**0.27**
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.005	0.001	0.001	0.005	0.005	0.013	0.0015	0.003	0.001	0.0015	0.001	0.001
DPP-3	3/5/2019	N	55.98	30	25.98	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-1	4/11/2019	N	62.33	30	32.33	-	**0.1**	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-3	4/11/2019	N	62.39	30	32.39	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
HC-4	4/11/2019	N	60.23	35	25.23	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MW-1	4/11/2019	N	61.72	30	31.72	-	0.05 U	0.05 U	-	-	-	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	-
MW-117	2/4/2013	N	57.78	30	27.78	-	-	-	-	-	-	-	-	-	-	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	-	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	-	-	-
MW-307	10/3/2019	N	60.29	30	30.29	0.0369 U	0.0184 U	0.00737 U	0.0369 U	0.0369 U	0.0184 U	0.00147 U	0.0184 U	0.00369 U	0.0369 U	0.0184 U	0.0184 U
				35	25.29	0.0267 U	0.0134 U	0.00535 U	0.0267 U	0.0267 U	0.0134 U	0.00107 U	0.0134 U	0.00267 U	0.0267 U	0.0134 U	0.0134 U
				40	20.29	0.0285 U	0.0143 U	0.00571 U	0.0285 U	**0.0164 J**	0.0143 U	0.00114 U	0.0143 U	0.00285 U	0.0285 U	0.0143 U	0.0143 U
				45	15.29	0.0276 U	0.0138 U	0.00551 U	0.0276 U	0.0276 U	0.0138 U	0.0011 U	0.0138 U	0.00276 U	0.0276 U	0.0138 U	0.0138 U
				50	10.29	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	0.0278 U	0.0139 U	0.0139 U
				55	5.29	0.0271 U	0.0136 U	0.00543 U	0.0271 U	0.0271 U	0.0136 U	0.00109 U	0.0136 U	0.00271 U	0.0271 U	0.0136 U	0.0136 U
				60	0.29	0.0282 U	0.0141 U	0.00565 U	0.0282 U	0.0282 U	0.0141 U	0.00113 U	0.0141 U	0.00282 U	0.0282 U	0.0141 U	0.0141 U
				65	-4.71	0.0575 U	0.0288 U	0.0115 U	0.0575 U	**0.0867 J**	0.0288 U	0.0023 U	0.0288 U	0.00575 U	0.0575 U	0.0288 U	0.0288 U
				70	-9.71	0.286 U	0.143 U	0.0573 U	0.286 U	0.286 U	0.143 U	0.0115 U	0.143 U	0.0286 U	0.286 U	0.143 U	0.143 U
				75	-14.71	0.0276 U	0.0138 U	0.00551 U	0.0276 U	**0.0351 J**	0.0138 U	0.0011 U	0.0138 U	0.00276 U	0.0276 U	0.0138 U	0.0138 U
				80	-19.71	0.0293 U	0.0146 U	0.00584 U	0.0293 U	**0.0731 J**	0.0146 U	0.00117 U	0.0146 U	0.00293 U	0.0293 U	0.0146 U	0.0146 U
				85	-24.71	0.0286 U	0.0143 U	0.00573 U	0.0286 U	**0.0667 J**	0.0143 U	**0.000836 J**	0.0143 U	0.00286 U	0.0286 U	0.0143 U	**0.00864 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.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	**800**	**16000**
Protective of Groundwater Saturated Zone[a]						**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA	**0.0018**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001	0.0015	0.001	0.002
DGW-1	3/6/2019	N	55.98	30	25.98	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
DGW-2	3/4/2019	N	66.25	30	36.25	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
DGW-4	3/4/2019	N	69.87	35	34.87	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
				50	19.87	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
DMW-4S	2/26/2020	N	61.76	30	31.76	0.005 U	0.005 U	-	0.05 U	0.005 U	0.05 U	0.005 U	-	-	0.005 U	-	-
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Carbon tetra chloride	Chloro benzene	Chloro bromo methane	Chloro ethane	Chloroform (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)
						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]						14	1600	NA	NA	32	NA	160	10	NA	12	**800**	**16000**
Protective of Groundwater Saturated Zone[a]						**0.0022**	**0.051**	NA	NA	**0.0048**	NA	**0.0052**	0.00014	NA	**0.0018**	NA	NA
Natural Background[a]						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]						0.001	0.0015	0.0015	0.0015	0.0015	0.001	0.0015	**0.001**	0.001	0.0015	0.001	0.002
DPP-3	3/5/2019	N	55.98	30	25.98	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
HC-1	4/11/2019	N	62.33	30	32.33	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
HC-3	4/11/2019	N	62.39	30	32.39	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
HC-4	4/11/2019	N	60.23	35	25.23	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
MW-1	4/11/2019	N	61.72	30	31.72	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
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-307	10/3/2019	N	60.29	30	30.29	0.00737 U	0.00369 U	0.00737 U	0.00737 U	**0.000776 J**	0.0184 U	0.00369 U	0.00369 U	0.00737 U	0.00369 U	0.00737 U	0.00369 U
				35	25.29	0.00535 U	0.00267 U	0.00535 U	0.00535 U	**0.000452 J**	0.0134 U	0.00267 U	0.00267 U	0.00535 U	0.00267 U	0.00535 U	0.00267 U
				40	20.29	0.00571 U	0.00285 U	0.00571 U	0.00571 U	**0.00073 J**	0.0143 U	0.00285 U	0.00285 U	0.00571 U	0.00285 U	0.00571 U	0.00285 U
				45	15.29	0.00551 U	0.00276 U	0.00551 U	0.00551 U	**0.000699 J**	0.0138 U	0.00276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00276 U
				50	10.29	0.00556 U	0.00278 U	0.00556 U	0.00556 U	**0.000736 J**	0.0139 U	0.00278 U	0.00278 U	0.00556 U	0.00278 U	0.00556 U	0.00278 U
				55	5.29	0.00543 U	0.00271 U	0.00543 U	0.00543 U	0.00271 U	0.0136 U	0.00271 U	0.00271 U	0.00543 U	0.00271 U	0.00543 U	0.00271 U
				60	0.29	0.00565 UJ	0.00282 U	0.00565 U	0.00565 U	0.00282 U	0.0141 U	0.00282 U	0.00282 U	0.00565 U	0.00282 U	0.00565 U	0.00282 U
				65	-4.71	0.0115 UJ	0.00575 U	0.0115 U	0.0115 U	0.00575 U	0.0288 U	0.00575 U	0.00575 U	0.0115 U	0.00575 U	0.0115 U	0.00575 U
				70	-9.71	0.0573 UJ	0.0286 U	0.0573 U	0.0573 U	0.0286 U	0.143 U	0.0286 U	0.0286 U	0.0573 U	0.0286 U	0.0573 U	0.0286 U
				75	-14.71	0.00551 UJ	0.00276 U	0.00551 U	0.00551 U	0.00276 U	0.0138 U	0.00276 U	0.00276 U	0.00551 U	0.00276 U	0.00551 U	0.00276 U
				80	-19.71	0.00584 UJ	0.00293 U	0.00584 U	0.00584 U	0.00293 U	0.0146 U	0.00293 U	0.00293 U	0.00584 U	0.00293 U	0.00584 U	0.00293 U
				85	-24.71	0.00573 UJ	0.00286 U	0.00573 U	0.00573 U	0.00286 U	0.0143 U	0.00286 U	0.00286 U	0.00573 U	0.00286 U	0.00573 U	0.00286 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Saturated Zone[a]						NA	**0.34**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
DGW-1	3/6/2019	N	55.98	30	25.98	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	30	36.25	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	35	34.87	-	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	19.87	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
DMW-4S	2/26/2020	N	61.76	30	31.76	-	0.02 U	0.025 U	-	-	-	-	0.01 U	-	0.02 UJ	-	-
DMW-7S	10/26/2020	N	58.34	30	28.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	23.34	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	23.57	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	24.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				40	19.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				45	14.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				50	9.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				55	4.46	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	26.15	-	**0.026**	-	-	-	-	-	-	-	-	-	-
				40	21.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				45	16.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				50	11.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				55	6.15	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	31.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				40	26.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				45	21.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				50	16.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				55	11.05	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	31.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				40	26.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				45	21.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				50	16.28	-	0.02 U	-	-	-	-	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				35	35.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				40	30.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				45	25.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-
				50	20.29	-	0.02 U	-	-	-	-	-	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds											
						Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodo methane	Isopropyl benzene (Cumene)	Isopropyl toluene	m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	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
Direct Contact[a]						NA	8000	NA	NA	NA	**8000**	NA	NA	560	94	1600	**4000**
Protective of Groundwater Saturated Zone[a]						NA	**0.34**	NA	NA	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
Median PQL[a]						NA	0.0015	NA	NA	0.008	0.001	NA	NA	0.001	**0.0035**	0.005	0.001
DPP-3	3/5/2019	N	55.98	30	25.98	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HC-1	4/11/2019	N	62.33	30	32.33	-	**0.22**	0.05 U	-	-	**0.13**	**0.16**	-	0.1 U	0.02 U	-	**0.17**
HC-3	4/11/2019	N	62.39	30	32.39	-	0.05 U	0.05 U	-	-	0.05 U	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	35	25.23	-	**0.31**	0.05 U	-	-	**0.079**	0.05 U	-	0.1 U	0.02 U	0.05 U	0.05 U
MW-1	4/11/2019	N	61.72	30	31.72	-	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-117	2/4/2013	N	57.78	30	27.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				40	17.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-
				50	7.78	-	-	-	-	-	-	-	-	-	0.5 U	-	-
MW-307	10/3/2019	N	60.29	30	30.29	0.00147 U	0.00369 U	0.0369 U	**0.0151**	0.0184 U	0.00369 U	-	-	**0.000483 J**	0.0369 U	0.0184 U	0.0184 U
				35	25.29	0.00107 U	0.00267 U	0.0267 U	**0.0162**	0.0134 U	0.00267 U	-	-	0.00107 U	0.0267 U	0.0134 U	0.0134 U
				40	20.29	0.00114 U	0.00285 U	0.0285 U	0.00571 U	0.0143 U	0.00285 U	-	-	0.00114 U	0.0285 U	0.0143 U	0.0143 U
				45	15.29	0.0011 U	0.00276 U	0.0276 U	**0.0099**	0.0138 U	0.00276 U	-	-	0.0011 U	0.0276 U	0.0138 U	0.0138 U
				50	10.29	0.00111 U	0.00278 U	0.0278 U	0.00556 U	0.0139 U	0.00278 U	-	-	0.00111 U	0.0278 U	0.0139 U	0.0139 U
				55	5.29	0.00109 U	0.00271 U	0.0271 U	0.00543 U	0.0136 U	0.00271 U	-	-	0.00109 U	0.0271 U	0.0136 U	0.0136 U
				60	0.29	0.00113 U	0.00282 U	0.0282 U	0.00565 U	0.0141 U	0.00282 U	-	-	0.00113 U	0.0282 U	0.0141 U	0.0141 U
				65	-4.71	0.0023 U	**0.00148 J**	0.0575 U	**0.0272**	0.0288 U	0.00575 U	-	-	0.0023 U	0.0575 U	0.0288 U	0.0288 U
				70	-9.71	0.0115 U	0.0286 U	0.286 U	0.0573 U	0.143 U	0.0286 U	-	-	0.0115 U	0.286 U	0.143 U	0.143 U
				75	-14.71	0.0011 U	0.00276 U	0.0276 U	**0.0176**	0.0138 U	0.00276 U	-	-	0.0011 U	0.0276 U	0.0138 U	0.0138 U
				80	-19.71	0.00117 U	0.00293 U	0.0293 U	**0.0315**	0.0146 U	0.00293 U	-	-	0.00117 U	0.0293 U	0.0146 U	0.0146 U
				85	-24.71	0.00115 U	**0.000962 J**	0.0286 U	0.00573 U	0.0143 U	0.00286 U	-	-	0.00115 U	0.0286 U	0.0143 U	0.0143 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Saturated Zone[a]						NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA
Natural Background[a]						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
DGW-1	3/6/2019	N	55.98	30	25.98	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	-
DGW-2	3/4/2019	N	66.25	30	36.25	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	-
DGW-4	3/4/2019	N	69.87	35	34.87	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	-
				50	19.87	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	-
DMW-4S	2/26/2020	N	61.76	30	31.76	-	0.005 U	-	-	0.025 U	0.02 U	0.001 U	-	-	0.03 U	0.05 U	-
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	23.34	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	23.57	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	24.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				40	19.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				45	14.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				50	9.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				55	4.46	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	26.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				40	21.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				45	16.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				50	11.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				55	6.15	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	31.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				40	26.05	-	-	-	-	-	**0.025**	-	-	-	-	-	-
				45	21.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				50	16.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				55	11.05	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	31.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				40	26.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				45	21.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				50	16.28	-	-	-	-	-	0.02 U	-	-	-	-	-	-
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				35	35.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				40	30.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				45	25.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-
				50	20.29	-	-	-	-	-	0.02 U	-	-	-	-	-	-

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Tetrachloro 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)
						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
Protective of Groundwater Saturated Zone[a]						NA	NA	**0.12**	NA	**0.0028**	**0.27**	**0.032**	0.00014	NA	**0.0015**	NA	NA
Natural Background[a]						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
DPP-3	3/5/2019	N	55.98	30	25.98	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	-
HC-1	4/11/2019	N	62.33	30	32.33	**0.32**	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	-	0.02 U	0.05 U	-
HC-3	4/11/2019	N	62.39	30	32.39	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	-
HC-4	4/11/2019	N	60.23	35	25.23	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	-
MW-1	4/11/2019	N	61.72	30	31.72	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	-
MW-117	2/4/2013	N	57.78	30	27.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-
				40	17.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-
				50	7.78	-	-	-	-	0.025 U	-	0.05 U	-	-	0.03 U	-	-
MW-307	10/3/2019	N	60.29	30	30.29	0.00737 U	-	0.0184 U	0.00737 U	0.00369 U	**0.0148**	0.00737 U	0.00737 U	0.00737 U	0.00147 U	0.00369 U	0.00369 U
				35	25.29	0.00535 U	-	0.0134 U	0.00535 U	0.00267 U	**0.0111**	0.00535 U	0.00535 U	0.00535 U	0.00107 U	0.00267 U	0.00267 U
				40	20.29	0.00571 U	-	0.0143 U	0.00571 U	0.00285 U	**0.00815**	0.00571 U	0.00571 U	0.00571 U	0.00114 U	0.00285 U	0.00285 U
				45	15.29	0.00551 U	-	0.0138 U	0.00551 U	0.00276 U	**0.00846**	0.00551 U	0.00551 U	0.00551 U	0.0011 U	0.00276 U	0.00276 U
				50	10.29	0.00556 U	-	0.0139 U	0.00556 U	0.00278 U	**0.0157**	0.00556 U	0.00556 U	0.00556 U	0.00111 U	0.00278 U	0.00278 U
				55	5.29	0.00543 U	-	0.0136 U	0.00543 U	0.00271 U	**0.0104**	0.00543 U	0.00543 U	0.00543 U	0.00109 U	0.00271 U	0.00271 U
				60	0.29	0.00565 U	-	0.0141 U	0.00565 U	0.00282 U	**0.00583**	0.00565 U	0.00565 U	0.00565 U	0.00113 U	0.00282 U	0.00282 U
				65	-4.71	0.0115 U	-	0.0288 U	0.0115 U	0.00575 U	**0.0687**	0.0115 U	0.0115 U	0.0115 U	0.0023 U	0.00575 U	0.00575 U
				70	-9.71	0.0573 U	-	0.143 U	0.0573 U	0.0286 U	**0.0561 J**	0.0573 U	0.0573 U	0.0573 U	0.0115 U	0.0286 U	0.0286 U
				75	-14.71	0.00551 U	-	0.0138 U	0.00551 U	0.00276 U	**0.016**	0.00551 U	0.00551 U	0.00551 U	0.0011 U	0.00276 U	0.00276 U
				80	-19.71	0.00584 U	-	0.0146 U	0.00584 U	0.00293 U	**0.0261**	0.00584 U	0.00584 U	0.00584 U	0.00117 U	0.00293 U	0.00293 U
				85	-24.71	0.00573 U	-	0.0143 U	0.00573 U	0.00286 U	**0.0293**	0.00573 U	0.00573 U	0.00573 U	0.00115 U	0.00286 U	0.00286 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Saturated Zone[a]	**2.3**	8.90E-05	**0.83**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	**0.0015**	0.005
DGW-1	3/6/2019	N	55.98	30	25.98	-	0.05 U	0.05 U
DGW-2	3/4/2019	N	66.25	30	36.25	-	0.05 U	0.05 U
DGW-4	3/4/2019	N	69.87	35	34.87	-	0.05 U	0.05 U
				50	19.87	-	0.05 U	0.05 U
DMW-4S	2/26/2020	N	61.76	30	31.76	-	0.005 U	0.01 U
DMW-7S	10/26/2020	N	58.34	30	28.34	-	-	0.06 U
				35	23.34	-	-	0.06 U
DMW-8S	10/27/2020	N	58.57	30	28.57	-	-	0.06 U
				35	23.57	-	-	0.06 U
DMW-9S	10/27/2020	N	58.85	30	28.85	-	-	0.06 U
DMW-10S	10/19/2020	N	59.46	30	29.46	-	-	0.06 U
				35	24.46	-	-	0.06 U
				40	19.46	-	-	0.06 U
				45	14.46	-	-	0.06 U
				50	9.46	-	-	0.06 U
				55	4.46	-	-	0.06 U
DMW-11S	10/20/2020	N	61.15	30	31.15	-	-	0.06 U
				35	26.15	-	-	0.06 U
				40	21.15	-	-	0.06 U
				45	16.15	-	-	0.06 U
				50	11.15	-	-	0.06 U
				55	6.15	-	-	0.06 U
DMW-12S	10/20/2020	N	66.05	30	36.05	-	-	0.06 U
				35	31.05	-	-	0.06 U
				40	26.05	-	-	0.06 U
				45	21.05	-	-	0.06 U
				50	16.05	-	-	0.06 U
				55	11.05	-	-	0.06 U
DMW-13S	10/23/2020	N	66.28	30	36.28	-	-	0.06 U
				35	31.28	-	-	0.06 U
				40	26.28	-	-	0.06 U
				45	21.28	-	-	0.06 U
				50	16.28	-	-	0.06 U
DMW-14S	10/28/2020	N	70.29	30	40.29	-	-	0.06 U
				35	35.29	-	-	0.06 U
				40	30.29	-	-	0.06 U
				45	25.29	-	-	0.06 U
				50	20.29	-	-	0.06 U

TABLE 7-3h
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS
VOLATILE ORGANICS COMPOUNDS
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

Boring/ Well ID	Sample Date	Sample Type	Surface Elevation (ft)	Sample Depth (ft)	Sample Elevation (ft)	Volatile Organic Compounds		
						Vinyl acetate	Vinyl chloride	Xylene (total)
						mg/kg	mg/kg	mg/kg
					Direct Contact[a]	80000	0.67	16000
					Protective of Groundwater Saturated Zone[a]	**2.3**	8.90E-05	**0.83**
					Natural Background[a]	NA	NA	NA
					Median PQL[a]	0.005	**0.0015**	0.005
DPP-3	3/5/2019	N	55.98	30	25.98	-	0.05 U	0.05 U
HC-1	4/11/2019	N	62.33	30	32.33	-	0.05 U	**0.19**
HC-3	4/11/2019	N	62.39	30	32.39	-	0.05 U	0.05 U
HC-4	4/11/2019	N	60.23	35	25.23	-	0.05 U	**0.19**
MW-1	4/11/2019	N	61.72	30	31.72	-	0.05 U	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-307	10/3/2019	N	60.29	30	30.29	0.0184 U	0.00369 U	0.00958 U
				35	25.29	0.0134 U	0.00267 U	0.00695 U
				40	20.29	0.0143 U	0.00285 U	0.00742 U
				45	15.29	0.0138 U	0.00276 U	0.00717 U
				50	10.29	0.0139 U	0.00278 U	0.00723 U
				55	5.29	0.0136 U	0.00271 U	0.00706 U
				60	0.29	0.0141 UJ	0.00282 U	0.00734 U
				65	-4.71	0.0288 UJ	0.00575 U	0.015 U
				70	-9.71	0.143 UJ	0.0286 U	0.0745 U
				75	-14.71	0.0138 UJ	0.00276 U	0.00717 U
				80	-19.71	0.0146 UJ	0.00293 U	0.0076 U
				85	-24.71	0.0143 UJ	0.00286 U	0.00745 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
J = Value is estimated.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3i
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR POLYCHLORINATED BIPHENYLS
SEATTLE DOT DEXTER PARCEL 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
					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
DMW-10S	10/19/2020	N	59.46	30	29.46	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
				35	24.46	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
				40	19.46	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
				45	14.46	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
				50	9.46	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
				55	4.46	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
DMW-11S	10/20/2020	N	61.15	30	31.15	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
				35	26.15	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
				40	21.15	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
				45	16.15	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
				50	11.15	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
				55	6.15	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
DMW-12S	10/20/2020	N	66.05	30	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
				35	31.05	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
				40	26.05	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
				45	21.05	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
				50	16.05	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
				55	11.05	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
DMW-13S	10/23/2020	N	66.28	30	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
				35	31.28	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
				40	26.28	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
				45	21.28	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
				50	16.28	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
DMW-14S	10/28/2020	N	70.29	30	40.29	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
				35	35.29	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
				40	30.29	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
				45	25.29	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
				50	20.29	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
HC-1	4/11/2019	N	62.33	30	32.33	-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	-	-	0.2 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
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, value is the laboratory reporting limit.

TABLE 7-3j
SATURATED ZONE SOIL RESULTS COMPARED TO SCREENING LEVELS FOR INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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[b]	Lead	Mercury	Selenium	Silver
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Direct Contact[a]	0.67	16000	80	120000	250	24	400	400
					Protective of Groundwater Saturated Zone[a]	0.017	**83**	0.035	**24000**	**150**	**0.1**	0.26	**0.69**
					Natural Background[a]	**7.3**	NA	**0.77**	48	17	0.07	NA	NA
					Median PQL[a]	0.1	0.1	0.1	0.1	0.1	0.02	**0.5**	0.1
DGW-4	3/4/2019	N	69.87	35	34.87	12 U	**89**	0.6 U	**67**	6 U	0.3 U	12 U	1.2 U
DMW-4S	2/26/2020	N	61.76	30	31.76	**1.18**	-	1 U	**13.1**	**1.2**	1 U	-	-
HC-1	4/11/2019	N	62.33	30	32.33	1 U	-	1 U	1 U	1 U	0.5 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.
b. 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.
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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
ft = feet.
mg/kg = milligram per kilogram.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.

TABLE 7-3k
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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	250	250	NA
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	50 U	-	50 U	-	-	100 U	-	100 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	50 U	-	49.8 U	-	-	99.6 U	-	99.6 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**4830**	-	-	-	-	-	-	-
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	**340**	100 U	200 U	-	200 U	500 U	-	500 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	**350**	100 U	200 U	-	200 U	500 U	-	500 U
	FD					3/25/2019	**300**	100 U	200 U	-	200 U	500 U	-	500 U
	N					3/18/2020	**1800**	-	**580**	-	-	250 U	-	**580**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
	FD					3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**670**	-	**790**	-	-	250 U	-	**790**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	100 U	-	760 U	-	-	250 U	-	760 U
						10/15/2020	-	-	100 U	60 U	-	250 U	250 U	100 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	**630**	-	**190**	-	-	250 U	-	**190**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	**270**	-	**210**	-	-	250 U	-	**210**
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	100 U	-	50 U	-	-	250 U	-	250 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**6900**	100 U	200 U	-	200 U	500 U	-	500 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	100 U	100 U	200 U	-	200 U	500 U	-	500 U

TABLE 7-3k
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR TOTAL PETROLEUM HYDROCARBONS
SEATTLE DOT DEXTER PARCEL 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	250	250	NA
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	100 U	-	-	-	-	-	-	-
						1/15/2020	100 U	-	-	-	-	-	-	-
						4/28/2020	**54.4 J**	-	-	-	-	-	-	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	100 U	-	-	-	-	-	-	-
						1/16/2020	100 U	-	-	-	-	-	-	-
						4/28/2020	**42.7 J**	-	-	-	-	-	-	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	100 U	-	-	-	-	-	-	-
						1/15/2020	100 U	-	-	-	-	-	-	-
						4/28/2020	**146 Z 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
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, value is the laboratory reporting limit.
ug/L = microgram per liter.
Z = No/low level gasoline/petroleum detection; result is likely due to high detections of chlorinated volatile organic compounds.

TABLE 7-3l
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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**
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
	FD					3/25/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.0051 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.076 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 7-3l
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR SEMI-VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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	Acenaph thene	Acenaph thylene	Anthracene	Benzo(g,h,i) perylene	Fluor anthene	Fluorene	Naph thalene	Phen anthrene	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
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	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
	FD					3/25/2019	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
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	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
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
cPAHs-TEQ = Carcinogenic polycyclic aromatic hydrocarbons toxic equivalency.
FD = Field duplicate.
ft = feet.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U	-	2 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	**1.5**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
	FD					3/25/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
	N					3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
	FD	56.03				3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	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	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	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	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.04 UJ	-	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/15/2020	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
						4/28/2020	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-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U
						1/16/2020	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
						4/28/2020	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-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	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
						1/15/2020	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
						4/28/2020	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

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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	0.06 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**198**	1 U	0.06 U	1 U	1 U	1 U	**60**	1 U	1 U	1 U	2 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	**12**	1 U	0.01 U	1 U	1 U	1 U	**6.5**	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	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
DGW-3	N	56.08	35 to 45	11.08 to 21.08	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
DGW-4	N	69.87	30 to 40	29.87 to 39.87	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
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	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
	FD					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
	N					3/18/2020	**0.44**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	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	56.03				3/18/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	**0.39**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**7.1**	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	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
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	0.8 UJ	-	0.2 U	-	0.2 U	-	0.2 U	0.2 U	0.2 U	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	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
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**150**	1 U	0.01 U	1 U	1 U	1 U	**81**	1 U	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	0.01 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
						10/15/2019	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	1 UJ	0.5 UJ	0.5 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	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
						4/28/2020	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
						10/15/2019	0.5 U	2.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	1 UJ	0.5 UJ	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	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
						4/28/2020	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
						10/11/2019	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-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	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
						4/28/2020	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

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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-Chloro toluene	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
							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**	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**	7.1
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	470000	NA	16	**2.4**	630	**1.8**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	1	5	1	1	5	5	**3**	0.5	1	0.5
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	-	**13.7**	-	**10.6**	1 U	-	-	-	1 U	1 U	1 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	-	**1.2**	1 U	-	-	-	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	1 U	-	1 U	1 U	-	-	-	**1.5**	1 U	1 U
	FD					3/25/2019	-	1 U	-	1 U	1 U	-	-	-	**1.8**	1 U	1 U
	N					3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	**2.9**	-	0.2 U
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
	FD	56.03				3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	0.2 U	-	-	0.2 U	-	-	-	0.2 U	-	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	**1.5**	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	**1.2**	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	1 U	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	1 U	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	-	1 U	1 U	-	-	-	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	1 U	-	**12**	1 U	-	-	-	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	1 U	-	-	1 U	-	-	-	1 U	1 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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-Chloro toluene	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)	4-Chloro toluene	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	Acetone	Acrylonitrile	Benzene	Bromo benzene	Bromo dichloro methane
							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**	**160**	**40**	**800**	NA	**640**	**7200**	0.081	5	**64**	7.1
Protective of Indoor Air[a]							1.70E+06	NA	NA	NA	NA	470000	NA	16	**2.4**	630	**1.8**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							5	1	5	1	1	5	5	**3**	0.5	1	0.5
						10/15/2019	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	0.5 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	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	0.5 U
						4/28/2020	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	0.5 U
						10/15/2019	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	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	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	0.5 U
						4/28/2020	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	0.5 U
						10/11/2019	5 UJ	0.5 U	5 UJ	0.5 U	0.5 U	5 UJ	**1.17 J**	5 UJ	0.5 U	0.5 U	0.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	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	0.5 U
						4/28/2020	5 U	0.5 U	5 U	0.5 U	0.5 U	5 U	25 U	5 U	**0.172 J**	0.5 U	0.5 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							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
							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]							**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**	0.44
Protective of Indoor Air[a]							200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA	NA
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	0.5	0.5	0.5	0.5	0.5	**0.5**
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
	FD					3/25/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
	N					3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
	FD	56.03				3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	0.2 U	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	-	-	0.2 U	0.2 U	-	0.2 UJ	0.2 U	2 U	0.2 U	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U	2 U	0.2 U	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	1 U	-	1 U	1 U	-	1 U	1 U	1 U	1 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							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
							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]							**55**	**11.2**	800	5	**100**	NA	NA	14	NA	**16**	0.44
Protective of Indoor Air[a]							200	13	**400**	**0.56**	290	NA	**19000**	**1.2**	**150**	NA	NA
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	0.5	0.5	0.5	0.5	0.5	**0.5**
						10/15/2019	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	0.5 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	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	0.5 U
						4/28/2020	0.5 U	2.5 U	0.5 UJ	**0.273 J**	0.5 U	0.5 U	2.5 U	0.5 U	1.25 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	2.5 U	0.5 U	1.25 U	0.5 U	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	1/16/2020	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	0.5 U
						4/28/2020	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	0.5 U
						10/11/2019	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	**0.935**	0.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	0.5 U	2.5 U	**6.72**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	**0.172 J**	0.5 U
						4/28/2020	0.5 U	2.5 U	**6.95 J**	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	1.25 U	0.5 U	0.5 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
							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	**5.2**	**80**	1600	NA	**700**	NA	NA	NA	800	NA
Protective of Indoor Air[a]							NA	NA	NA	**5.6**	NA	2800	NA	NA	NA	**720**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1	NA
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	-	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	-	1 U	1 U	1 U	-	1 U	4 U	-	-	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	-	1 U	1 U	1 U	-	**94.3**	4 U	-	-	**29.2**	**17.2**
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	1 U	-	-	**8**	1 U	-	-	**2.6**	**1.7**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	**1.5**
	FD					3/25/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	**2.5**
	N					3/18/2020	-	0.2 U	-	-	-	**12**	0.2 U	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
	FD	56.03				3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	0.2 U	-	-	-	**5.5**	0.2 U	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	-	0.2 U	-	-	-	0.2 U	0.2 U	-	-	-	-
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	**34**	-	-	-	-	-
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	**7.9**	-	-	-	-	-
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	1 U	-	-	-	-	-
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	1 U	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	**1**	1 U	1 U	-	-	**25**	1 U	-	-	**37**	**19**
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	1 U	1 U	-	-	1 U	1 U	-	-	1 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							Cymene (p-Isopropyl toluene)	Dibromo chloro methane	Dibromo methane	Dichloro difluoro methane (CFC-12)	Diisopropyl ether (DIPE)	Ethyl benzene	Hexachloro butadiene	Hexane	Iodomethane	Isopropyl benzene (Cumene)	Isopropyl toluene
							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	**5.2**	**80**	1600	NA	**700**	NA	NA	NA	800	NA
Protective of Indoor Air[a]							NA	NA	NA	**5.6**	NA	2800	NA	NA	NA	**720**	NA
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							1	0.5	0.5	0.5	NA	0.5	NA	NA	1	1	NA
						10/15/2019	0.5 U	0.5 UJ	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 U	0.5 U	-
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 UJ	0.5 U	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 U	-
						10/15/2019	0.5 U	0.5 UJ	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 U	0.5 U	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	1/16/2020	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	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 U	-
						10/11/2019	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	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 UJ	10 UJ	0.5 U	-
						4/28/2020	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	1 U	5 U	5 UJ	0.5 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
							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	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**	**640**
Protective of Indoor Air[a]							NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24	15000
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	0.5	1	0.05	1	1	NA	0.5	1	0.5	0.5
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	**124**	1 U	1 U	**96.1**	**15**	**33**	**6.77**	1 U	1 U	1 U	**1.15**
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	5 U	1 U	1 U	1 U	**3.7**	-	1 U	1 U	1 U	1 U
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
	FD					3/25/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
	N					3/18/2020	**0.73**	-	5 U	-	-	-	**1.1**	-	-	0.2 U	**1.6**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
	FD	56.03				3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	**0.26**
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	**2.3**	-	5 U	-	-	-	**0.65**	-	-	0.2 U	**0.26**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	**0.64**
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.4 U	-	5 U	-	-	-	0.2 U	-	-	0.2 U	0.2 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	**1.2**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	1 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	-	-	1 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	5 U	1 U	1 U	1 U	1 U	-	1 U	1 U	1 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	1 U	1 U	**12**	**51**	-	1 U	**1.1**	1 U	1 U
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	-	-	1 U	-	-	-	-	-	1 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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										
							m,p-Xylenes	Methyl Tert Butyl Ether	Methylene chloride	Naph thalene	n-Butyl benzene	n-Propyl benzene	o-Xylene	Styrene	tert-Butyl benzene	Tetrachloro ethene	Toluene
							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	**24**	**5**	160	**400**	**800**	NA	**100**	**800**	**5**	**640**
Protective of Indoor Air[a]							NA	600	1200	**8.9**	NA	NA	NA	8200	NA	24	15000
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							NA	0.5	1	0.05	1	1	NA	0.5	1	0.5	0.5
						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	0.5 U
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	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	0.5 U
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	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	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
						10/11/2019	-	0.5 U	2.5 U	2.5 UJ	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	**1.05**
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	-	0.5 U	2.5 U	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	0.5 U
						4/28/2020	-	0.5 U	2.5 UJ	2.5 U	0.5 U	0.5 U	-	0.5 U	0.5 U	0.5 U	**0.452 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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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								
							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
Protective of Drinking Water[a]							**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
21417-GP1	N	69.53	20 to 25	44.53 to 49.53	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	1 U
21417-GP4	N	55.82	10 to 15	40.82 to 45.82	G	4/21/2017	1 U	1 U	-	0.5 U	1 U	-	-	0.2 U	**131**
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	**14**
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
	FD					3/25/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
	N					3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**1.83**
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
	FD	56.03				3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	**2.95**
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-6	N	66.30	34 to 44	22.30 to 32.30	MW	3/18/2020	0.2 U	-	-	0.2 U	0.2 UJ	-	-	0.2 U	0.4 U
DMW-7S	N	58.34	28 to 38	20.34 to 30.34	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-8S	N	58.57	27 to 37	21.57 to 31.57	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-9S	N	58.85	23 to 33	25.85 to 35.85	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-10S	N	59.46	35 to 55	4.46 to 24.46	MW	11/2/2020	-	-	-	-	-	-	-	-	**21**
DMW-11S	N	61.15	30 to 50	11.15 to 31.15	MW	11/2/2020	-	-	-	-	-	-	-	-	**6.3**
DMW-12S	N	66.05	30 to 50	16.05 to 36.05	MW	11/2/2020	-	-	-	-	-	-	-	-	3 U
DMW-13S	N	66.28	30 to 50	16.28 to 36.28	MW	11/3/2020	-	-	-	-	-	-	-	-	3 U
DMW-14S	N	70.29	41 to 51	19.29 to 29.29	MW	11/3/2020	-	-	-	-	-	-	-	-	3 U
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	1 U
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	1 U	1 U	-	1 U	1 U	-	-	0.2 U	**11**
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	1 U	-	-	1 U	1 U	-	-	0.2 U	1 U

TABLE 7-3m
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR VOLATILE ORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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								
							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
Protective of Drinking Water[a]							**100**	0.44	NA	4	2400	NA	8000	**0.29**	1600
Protective of Indoor Air[a]							NA	NA	NA	**1.4**	**120**	NA	**7800**	0.35	**330**
Natural Background[a]							NA	NA	NA	NA	NA	NA	NA	NA	NA
Median PQL[a]							0.5	**0.5**	2	0.5	0.5	NA	1	0.2	0.5
						10/15/2019	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-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	1/15/2020	0.5 U	0.5 U	5 U	0.5 U	2.5 U	0.5 U	5 UJ	0.5 U	1.5 U
						4/28/2020	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
						10/15/2019	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-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	1/16/2020	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
						4/28/2020	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
						10/11/2019	0.5 U	0.5 U	5 UJ	0.5 U	2.5 U	0.5 U	5 UJ	**0.289 J**	1.5 U
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	1/15/2020	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
						4/28/2020	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

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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = Microgram per liter.

TABLE 7-3n
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR
INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	**0.7**	1 U	-	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.1 U	**4.41**	1 U	0.2 U	0.2 U	1.5 U
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**3.1**	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	3 U	**55**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	3 U	**27**	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD					3/25/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	N					3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FD					3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	**9.21**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-6	N	66.3	34 to 44	22.30 to 32.30	MW	3/18/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	3 U	25 U	-	4 U	10 U	-	1 U	0.5 UJ	-	5 U	10 U	-	-
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	-	-	5 U	10 U	-	2 U	0.5 U	-	-	-	-	-
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/15/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/15/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 7-3n
GROUNDWATER RESULTS COMPARED TO SCREENING LEVELS FOR
INORGANIC COMPOUNDS
SEATTLE DOT DEXTER PARCEL 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
21417-GP3	N	55.86	10 to 20	35.86 to 45.86	G	4/21/2017	**0.252**	**1.25**	-	0.2 U	0.2 U	**24**	**9.86**	**1.15**	0.1 U	**19.3**	1 U	0.2 U	0.2 U	**13.5**
DGW-1	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**88**	**1800**	-	4.4 U	**870**	-	**92**	**0.92**	-	**13**	11 U	-	-
DGW-2	N	66.25	20 to 30	36.25 to 46.25	G	3/7/2019	-	**12**	**240**	-	4.4 U	**77**	-	**11**	0.5 U	-	5.6 U	11 U	-	-
DGW-3	N	56.08	35 to 45	11.08 to 21.08	G	3/6/2019	-	**100**	**3000**	-	**5.1**	**1400**	-	**120**	**1.3**	-	**12**	11 U	-	-
DGW-4	N	69.87	30 to 40	29.87 to 39.87	G	3/4/2019	-	**87**	**1900**	-	4.4 U	**590**	-	**65**	**0.75**	-	**6.7**	11 U	-	-
DMW-1S	N	55.94	17 to 27	28.94 to 38.94	MW	3/25/2019	-	**8.1**	**38**	-	4.4 U	11 U	-	1.1 U	0.5 U	-	5.6 U	11 U	-	-
	FD					3/25/2019	-	**8.3**	**40**	-	4.4 U	**14**	-	1.1 U	0.5 U	-	5.6 U	11 U	-	-
	N					3/18/2020	-	**12**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-2S	N	56.03	25 to 35	21.03 to 31.03	MW	3/18/2020	-	**1.4**	-	-	1 U	**2.03**	-	1 U	1 U	-	-	-	-	-
	FD					3/18/2020	-	**1.5**	-	-	1 U	**1.96**	-	1 U	1 U	-	-	-	-	-
DMW-3IA	N	56.09	39 to 49	7.09 to 17.09	MW	3/18/2020	-	**4.25**	-	-	1 U	1 U	-	1 U	1 U	-	-	-	-	-
DMW-4S	N	61.76	23 to 33	28.76 to 38.6	MW	3/19/2020	-	**6.76**	-	-	1 U	**1.74**	-	1 U	1 U	-	-	-	-	-
DMW-5IA	N	69.48	39.8 to 49.8	19.68 to 29.68	MW	3/19/2020	-	**8.56**	-	-	1 U	**8.7**	-	**1.09**	1 U	-	-	-	-	-
DMW-6	N	66.3	34 to 44	22.30 to 32.30	MW	3/18/2020	-	1 U	-	-	1 U	**3.21**	-	1 U	1 U	-	-	-	-	-
DPP-3	N	55.98	20 to 30	25.98 to 35.98	G	3/6/2019	-	**20**	**520**	-	4.4 U	**260**	-	**18**	0.5 U	-	5.6 U	11 U	-	-
HC-1	N	62.33	21.5 to 31.5	30.83 to 40.83	G	4/11/2019	-	5 U	-	-	5 U	10 U	-	**6**	0.5 U	-	-	-	-	-
HC-4	N	60.23	40 to 50	10.23 to 20.23	MW	4/12/2019	-	5 U	-	-	5 U	10 U	-	**2**	0.5 U	-	-	-	-	-
MW-305	N	60.15	22.8 to 32.8	27.35 to 37.35	MW	10/15/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/15/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-306	N	59.91	42.8 to 52.8	7.11 to 17.11	MW	10/15/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/16/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-307	N	60.29	72.8 to 82.8	-22.51 to -12.51	MW	10/11/2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						1/15/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						4/28/2020	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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).
Screening levels provided by Ecology (November 17, 2020).
- = Data not available or not applicable.
COPC = Constituent of Potential Concern.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
MW = Monitoring well sample.
N = Primary environmental sample.
NA = Not applicable.
PQL = Practical Quantitation Limit.
U = Not detected, value is the laboratory reporting limit.
ug/L = microgram per liter.

TABLE 7-4a
IDENTIFICATION OF COCs IN SOIL
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

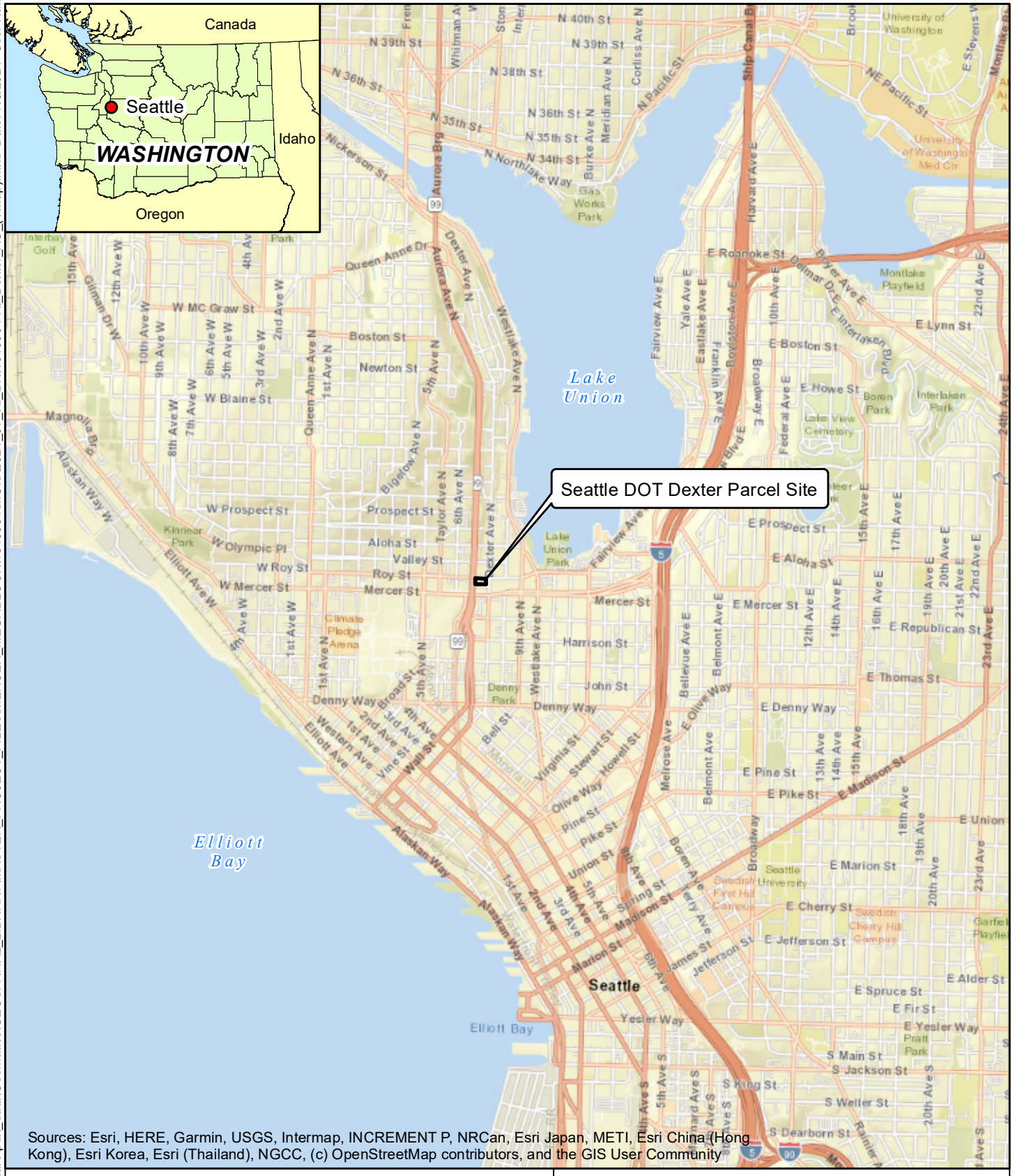
COPC	Screening Levels: Vadose Zone (less than or equal to 25 feet bgs)			Screening Levels: Saturated Zone (greater than 25 feet bgs)			COC?	Rationale
	Direct Contact	Protective of Groundwater Vadose Zone	Natural Background	Direct Contact	Protective of Groundwater Saturated Zone	Natural Background		
Total Petroleum Hydrocarbons								
Gasoline Range Organics	--	**X**	NA	--	--	NA	yes	Retained as COC
Inorganic Compounds								
Barium	--	--	NA	--	**X**	NA	no	1. Constituent does not pose an unacceptable direct contact risk. Its maximum concentration is below the direct contact screening level.

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.
NA = No screening level available.

TABLE 7-4b
IDENTIFICATION OF COCs IN GROUNDWATER
SEATTLE DOT DEXTER PARCEL SITE
SEATTLE, WASHINGTON

COPC	Screening Levels: Protective of Drinking Water	Screening Levels: Protective of Indoor Air	Screening Levels: Natural Background	COC?	Rationale
Volatile Organic Compounds					
1,2,4-Trimethylbenzene	**X**	--	NA	no	Constituent 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 1,2,4-trimethylbenzene as part of the mixture.
1,3,5-Trimethylbenzene	**X**	NA	NA	no	Constituent 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 1,3,5-trimethylbenzene as part of the mixture.
Benzene	--	**X**	NA	yes	Retained as COC
Semi-Volatile Organic Compounds					
Naphthalene	--	**X**	NA	no	Constituent is a component of petroleum fuels and its presence at the Site is likely related to the known petroleum impacts in groundwater. Naphthalene was detected in a grab sample from a discontinuous perched zone in 2017 and has not been detected in any other groundwater samples at the Site.
Total Petroleum Hydrocarbons					
Diesel Range Organics	**X**	NA	NA	yes	Retained as COC
Gasoline Range Organics	**X**	NA	NA	yes	Retained as COC
Inorganic Compounds					
Arsenic	**X**	NA	**X**	no	Constituent is associated with background conditions and high levels of total metals associated with excess turbidity and are not representative of actual transport/exposure potential.
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.
TPH = Total petroleum hydrocarbons.



0 0.25 0.5 1 Miles

N

Seattle DOT Dexter Parcel Site
Seattle, Washington

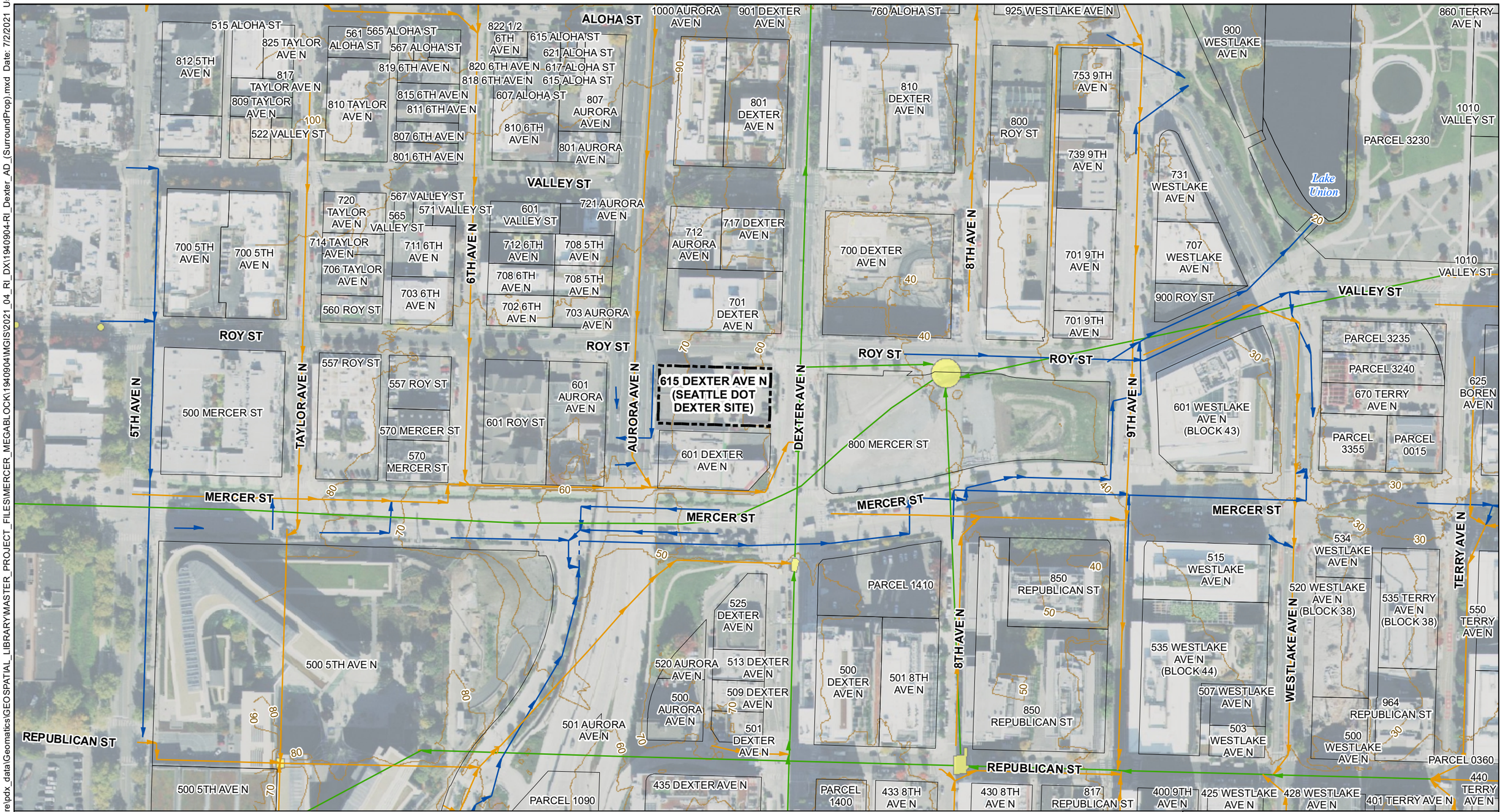
Vicinity Map

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
1-1

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\1940904\MGIS\2021_07_RI_DX\1940904-RI_Dexter_AC_(VMap).mxd Date: 7/8/2021 User Name: ms



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, 10 ft. (King County LiDAR, 2016)

Sources: Aerial photograph provided by Hexagon Imagery Program Data.
Address information obtained from King County GIS Open Data portal's

0 90 180 360 Feet

N

Seattle DOT Dexter Parcel Site
Seattle, Washington

Site Conditions Map

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
2-1

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\1940904\MGIS\2021_04_RI_DX1940904-RI_Dexter_AD_(SurroundProp).mxd Date: 7/2/2021 User Na

708 5TH AVE N

703 AURORA AVE N

ROY ST

601 AURORA AVE N

AURORA AVE N

MERCER ST

DEXTER AVE N

701 DEXTER AVE N (701 DEXTER SITE)
PREVIOUS RESIDENCES
Approximate Period of Operation: late 1800s to 1930s
Potential Hazardous Substances: Fuel oil.

PREVIOUS PLASTIC MIXING AND STORAGE
Approximate Period of Operation: 1950
Potential Hazardous Substances: Unknown, multiple
PREVIOUS PAINT SPRAY BOOTH AND WOODWORKING SHOP
Approximate Period of Operation: 1966-1969
Potential Hazardous Substances: Paint, thinners, strippers

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 boiler).
PREVIOUS GAS STATION
Approximate Period of Operation: 1930s
Potential Hazardous Substances: Gasoline. Possibly diesel fuel.

615 DEXTER AVE N (SEATTLE DOT DEXTER PARCEL SITE)
RESIDENCES
Approximate Period of Operation: late 1800s to between 1917 and 1936
Potential Hazardous Substances: Fuel oil.
FILL
Potential Hazardous Substances: Motor fuels, oils, demolition-related debris, metals, other unknown.

PREVIOUS FIRE
Approximately: 2005
Potential Hazardous Substances: cPAHs.

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).

EVIDENCE OF VENT PIPE
Potential Hazardous Substances: Fuel oil.

BOILER/COAL CHUTE
Potential Hazardous Substances: Coal. Possibly fuel oil.

PREVIOUS SEATTLE HARDWOOD FLOOR CO.
Approximate Period of Operation: 1935-1950
Potential Hazardous Substances: Paint, thinners, strippers

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).

800 MERCER ST (SEATTLE DOT MERCER PARCELS 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)

COATING AND DRYING AREA

PAINT RACK

601 DEXTER AVE N (601 DEXTER SITE)

PREVIOUS COLOTYLE CORPORATION (coated wall board manufacturing)
Approximate Period of Operation: 1940-1955
Potential Hazardous Substances: Unknown, multiple

FORMER EXTENT OF BROAD STREET (1936-1958)

PREVIOUS LAUNDRY (No dry-cleaning evident)
Approximate Period of Operation: Late 1920s to 1940s
Potential Hazardous Substances: Fuel oil (for water heating)

APPROXIMATE PREVIOUS 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 BROAD STREET (1958-2012)
Potential Hazardous Substances in Fill: Motor fuels, oils, demolition-related debris, metals, other unknown

Source: Aerial photograph provided by Hexagon Imagery Program Data.

Legend

- Other Parcel Boundary
- Property Boundary

cPAHs = Carcinogenic polycylic aromatic hydrocarbons

N

0 25 50 100 Feet

Note: Feature locations are approximate.

Seattle DOT Dexter Parcel Site
Seattle, Washington

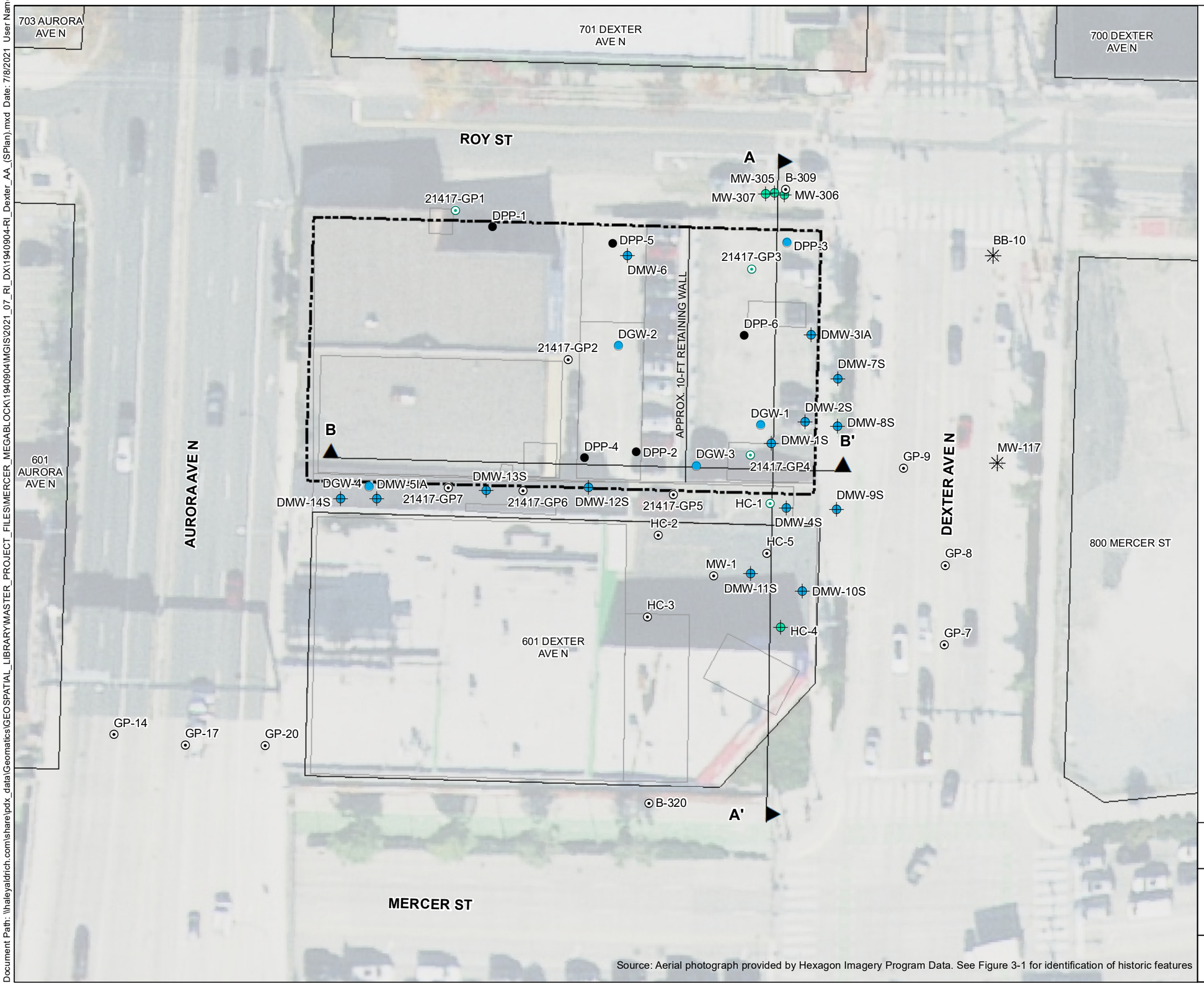
Potential Historical Contaminant Sources

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **3-1**

Document Path: G:\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\1940904\MGIS\1940904-RI_Dexter_AB_(PotentialSources).mxd Date: 1/28/2021 User Name: eridlindquist



Source: 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
- Monitoring Well

Other Investigations

- Soil Boring
- Soil Boring with Grab Groundwater Sample
- Monitoring Well
- Abandoned or Decommissioned Monitoring Well
- Cross Section
- Potential Historical Contaminant Source
- Other Parcel Boundary
- Property Boundary

0 20 40 80 Feet

N

Seattle DOT Dexter Parcel Site
Seattle, Washington

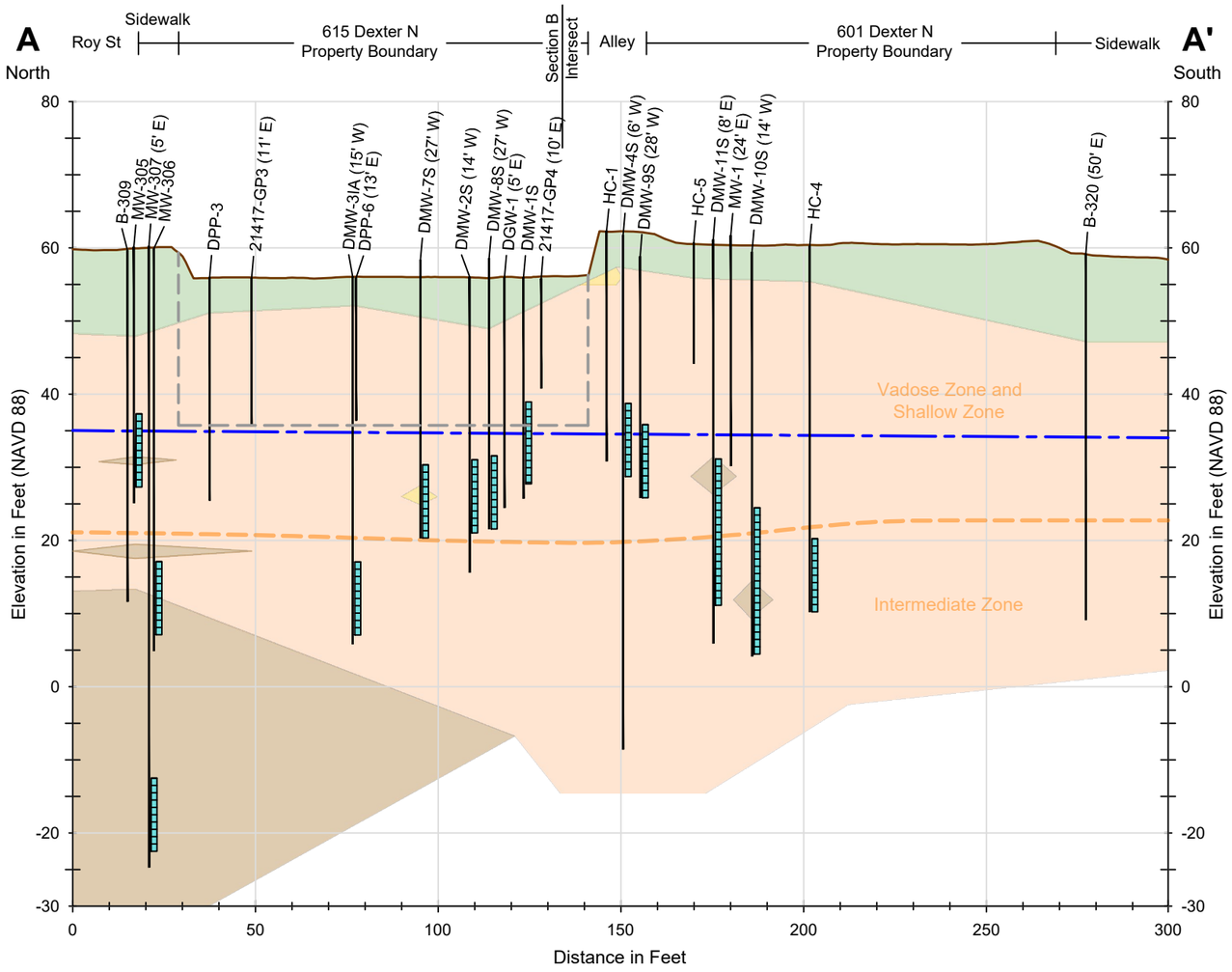
Investigation Locations

19409-04 07/21

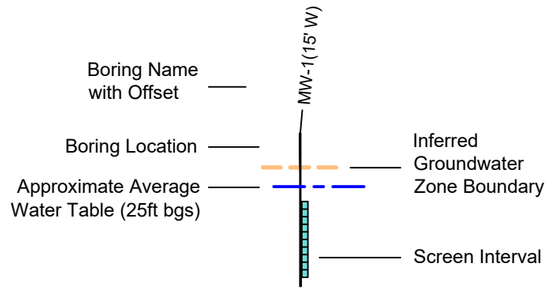
HARTCROWSER A division of Haley & Aldrich

Figure 4-1

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\19409041MGIS\2021_07_RI_DX\19409041-RI_Dexter_AA_(SPlan).mxd Date: 7/8/2021 User Name: msw



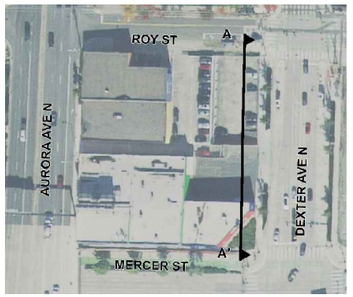
Legend



Approximate Limits of Proposed Excavation at Seattle DOT Dexter Parcel Site ("Seattle DOT Dexter Parcel," Collins Woerman, 06/25/2020)

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

Explorations DMW-2S, DMW-8S, DMW-9S, DMW-11S, DGW-1, HC-1, MW-306, and MW-307 have been shifted horizontally for visual clarity.

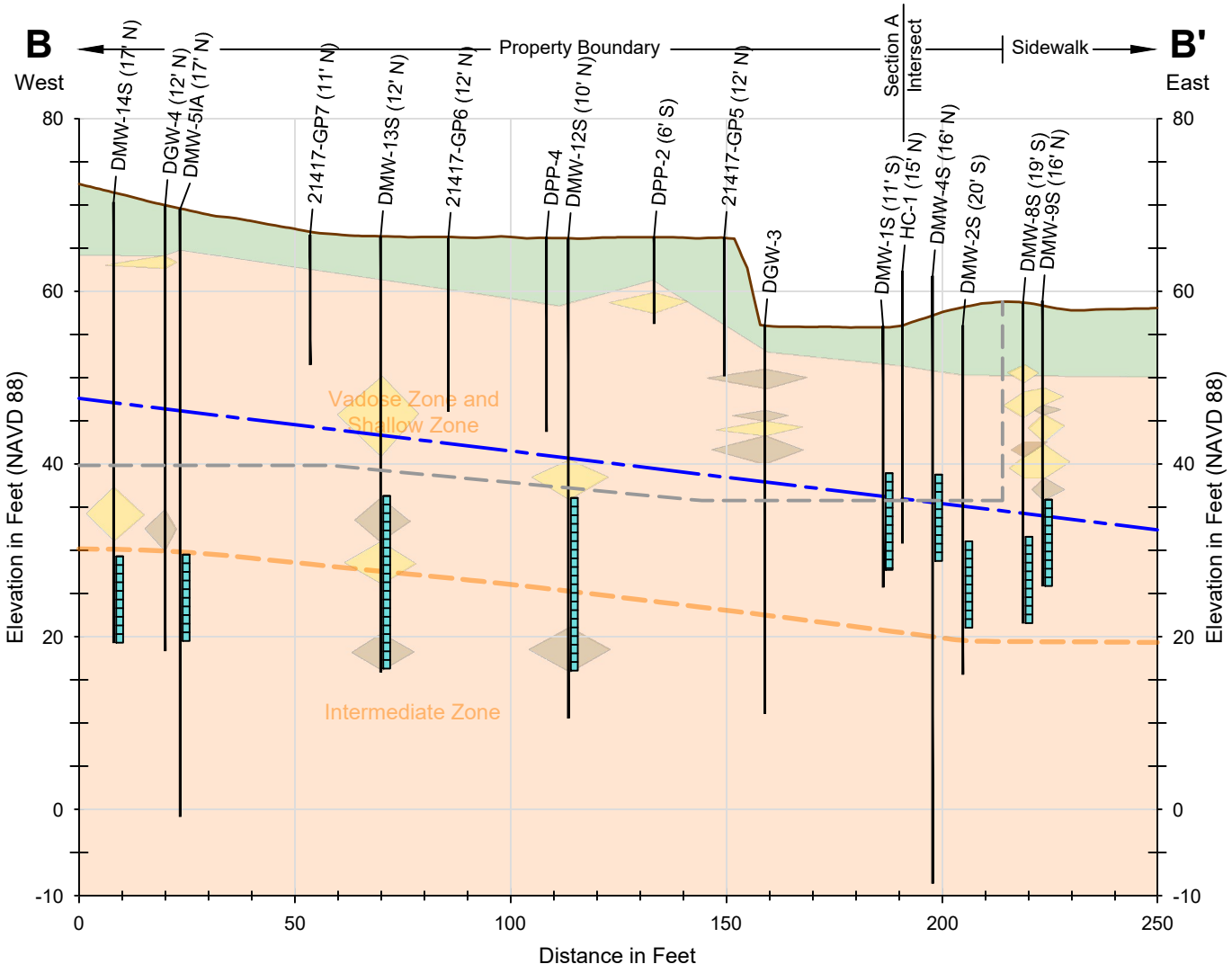
Seattle DOT Dexter Parcel Site
Seattle, Washington

Geological Cross Section A-A'

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **4-2a**



Legend

Boring Name with Offset — MW-1(15' W)

Boring Location

Approximate Average Water Table (25ft bgs)

Inferred Groundwater Zone Boundary

Screen Interval

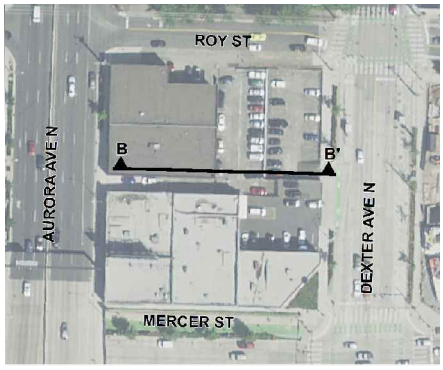
Geologic Units (Predominant Component)

- 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 Dexter Parcel Site ("Seattle DOT Dexter Parcel," Collins Woerman, 06/25/2020)

Explorations DMW-1S, DMW-9S, and DPP-4 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

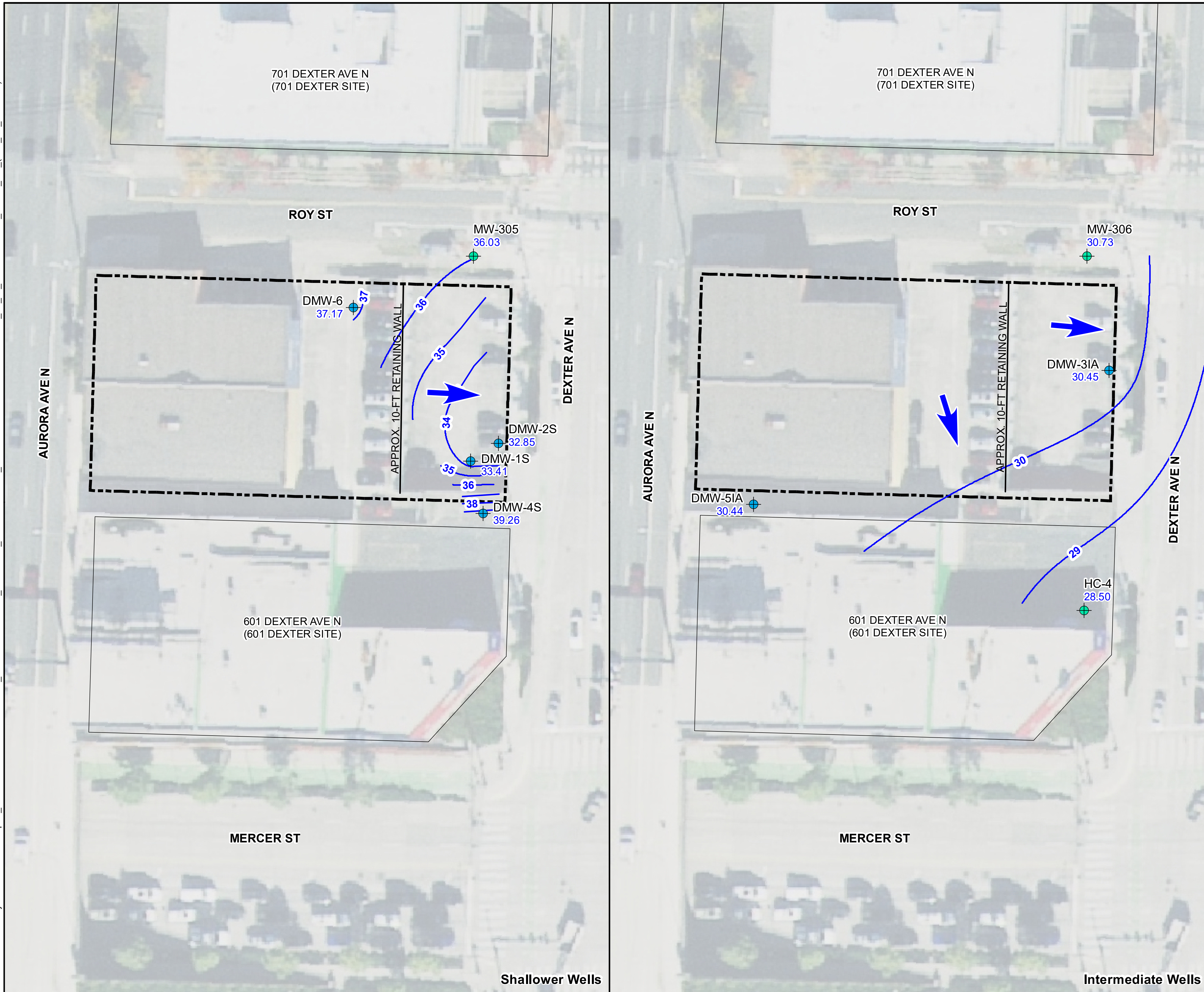
Seattle DOT Dexter Parcel Site
Seattle, Washington

Geological Cross Section B-B'

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
4-2b



Legend

RI Investigations

Monitoring Well

Other Investigations

Monitoring Well

32.85 Groundwater Elevation (March 19, 2020)

Groundwater Elevation Contour

Groundwater Flow Direction

Other Property Boundary

Property Boundary

Note:
Elevations are in NAVD 88, feet.

0 25 50 100 Feet

N

Source: Aerial photograph provided by Hexagon

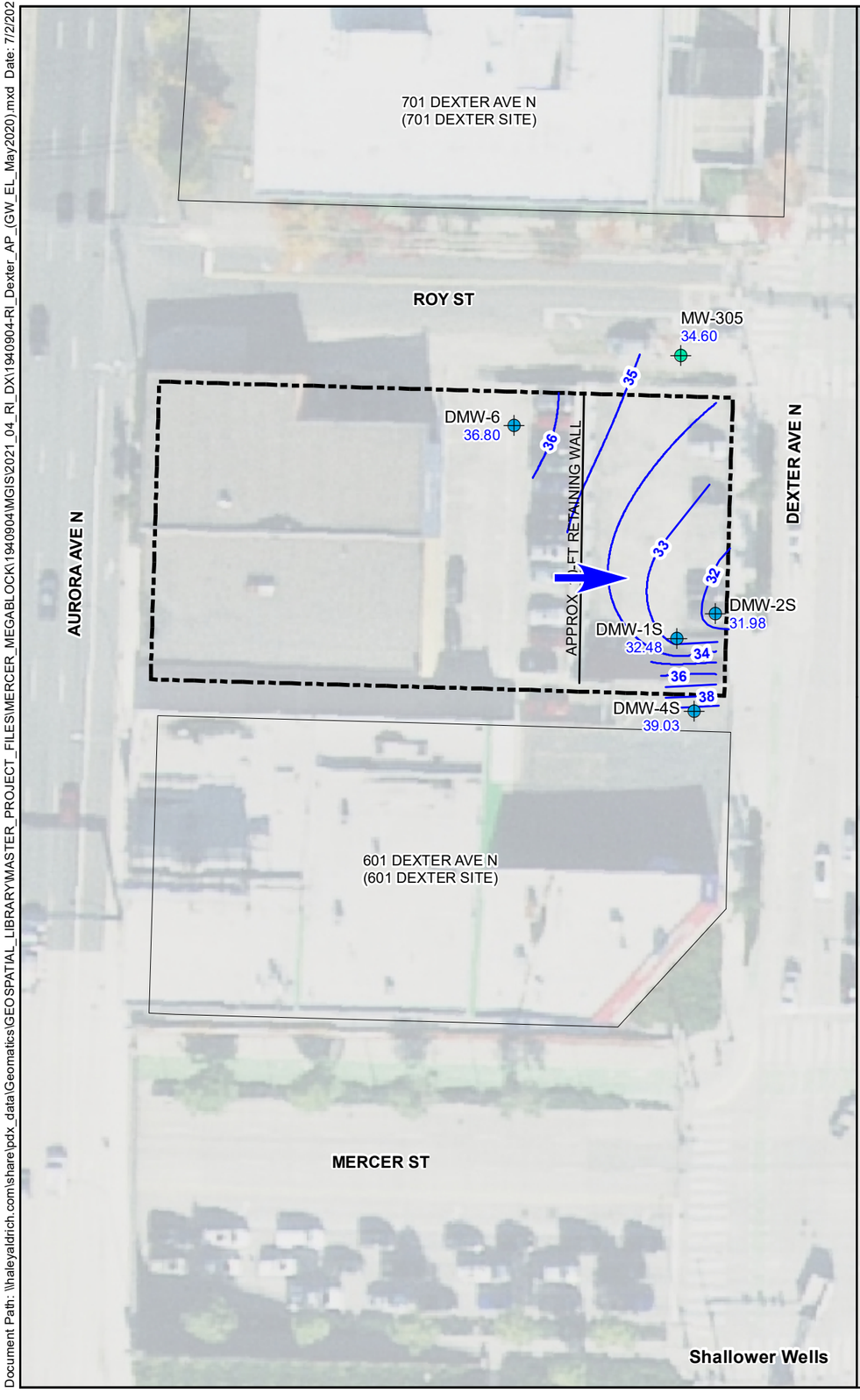
Seattle DOT Dexter Parcel Site
Seattle, Washington

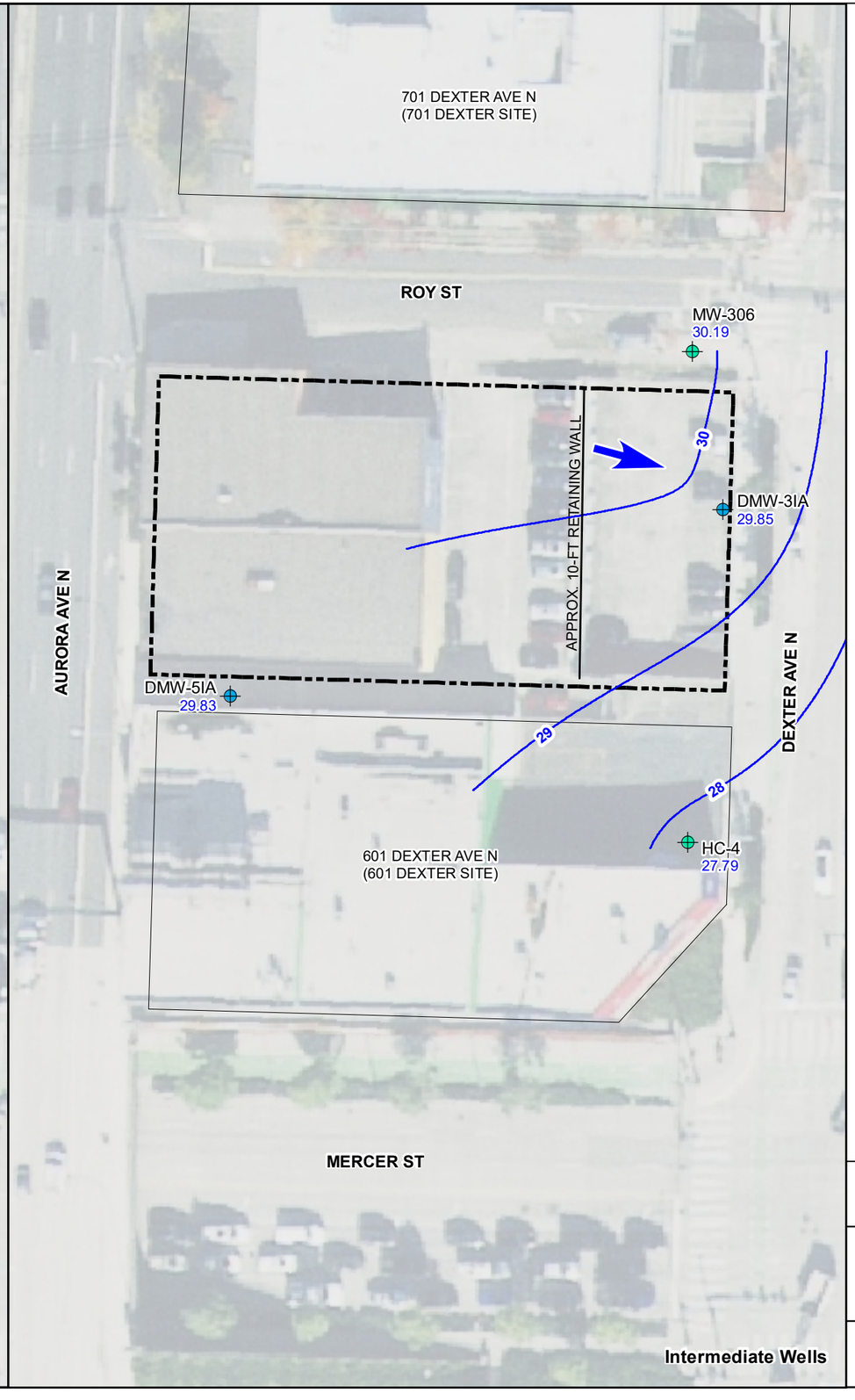
Water Level Elevations
March 2020

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
4-3a





Legend

RI Investigations

- Monitoring Well

Other Investigations

- Monitoring Well
- 32.85 Groundwater Elevation (May 11, 2020)
- Groundwater Elevation Contour
- Groundwater Flow Direction
- Other Property Boundary
- Property Boundary

Note:
Elevations are in NAVD 88, feet.

N

0 25 50 100
Feet

Source: Aerial photograph provided by Hexagon

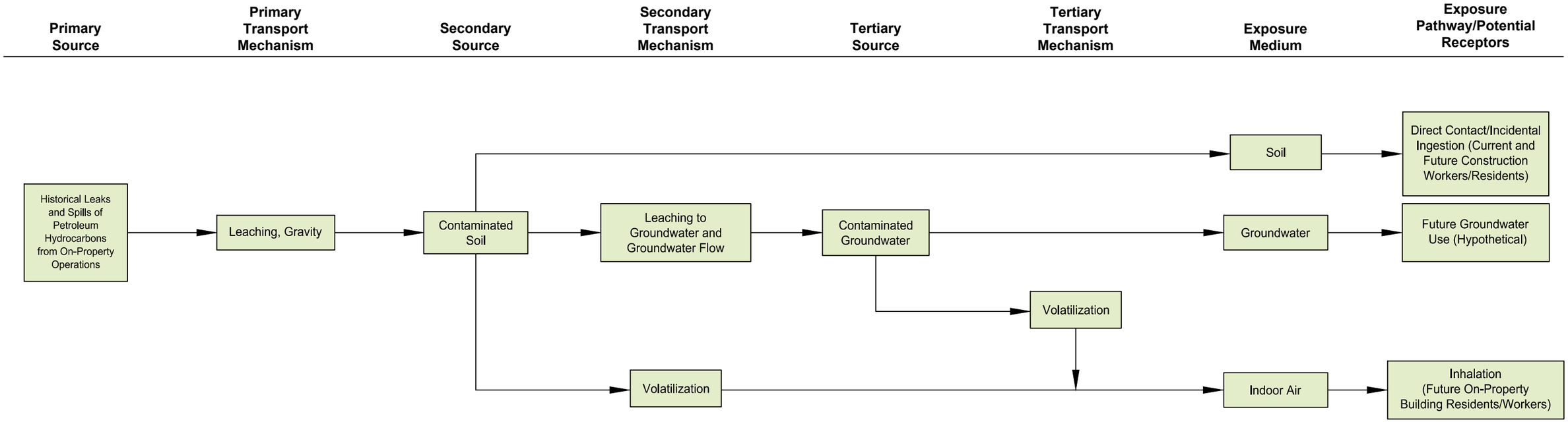
Seattle DOT Dexter Parcel Site
Seattle, Washington

Water Level Elevations
May 2020

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
4-3b



Seattle DOT Dexter Parcel Site
Seattle, Washington

Sources, Pathways, and Receptors

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure
6-1

DMW-1S	03/05/2019 5 ft el 50.94	03/05/2019 10 ft el 45.94	03/05/2019 12.5 ft el 43.44	03/05/2019 15 ft el 40.94	03/05/2019 20 ft el 35.94
Gasoline Range Organics	5 U	29	1200	67	5 U

DMW-2S	03/02/2020 5 ft el 51.03	03/02/2020 10 ft el 46.03	03/02/2020 15 ft el 41.03	03/02/2020 20 ft el 36.03	03/02/2020 25 ft el 31.03
Gasoline Range Organics	5 U	83	5 U	5 U	5 U

21417-GP4	04/21/2017 12 ft el 43.82	04/21/2017 15 ft el 40.82
Gasoline Range Organics	14.6	269

HC-1	04/11/2019 5 ft el 57.33	04/11/2019 10 ft el 52.33	04/11/2019 12.5 ft el 49.83	04/11/2019 20 ft el 42.33	04/11/2019 25 ft el 37.33	04/11/2019 30 ft el 32.33
Gasoline Range Organics	5 U	5 U	5 U	5 U	290	30

DMW-4S	02/26/2020 5 ft el 56.76	02/26/2020 10 ft el 51.76	02/26/2020 15 ft el 46.76	02/26/2020 20 ft el 41.76	02/26/2020 25 ft el 36.76	02/26/2020 30 ft el 31.76
Gasoline Range Organics	5 U	5 U	5 U	5 U	35	5 U

ROY ST

AURORA AVE N

DEXTER AVE N

APPROX. 10-FT RETAINING WALL

21417-GP1 EL 69.5
DPP-1 EL 68.8
DPP-5 EL 66.3
DPP-3 EL 56.0
BB-10 EL 57.4
21417-GP2 EL 66.5
DGW-2 EL 66.3
DPP-6 EL 55.9
DMW-3IA EL 56.1
DMW-7S EL 58.3
DMW-8S EL 59.6
DGW-1 EL 56.0
DMW-2S EL 56.0
DMW-1S EL 55.9
21417-GP4 EL 55.8
GP-9 EL 58.0
DPP-4 EL 66.3
DPP-2 EL 66.2
DGW-3 EL 56.1
DMW-12S EL 66.0
DMW-14S EL 70.3
DGW-4 EL 69.9
DMW-5IA EL 69.5
21417-GP7 EL 66.5
DMW-13S EL 66.3
21417-GP6 EL 66.1
21417-GP5 EL 66.2
HC-1 EL 62.3
DMW-4S EL 61.8
DMW-9S EL 58.9
HC-2 EL 62.5
HC-5 EL 60.7
MW-1 EL 61.7
DMW-11S EL 61.1
GP-8 EL 58.3
DMW-10S EL 59.5
HC-3 EL 62.4
HC-4 EL 60.2
GP-7 EL 58.5

0 15 30 60 Feet

N

LEGEND

GRO IN SOIL (mg/kg)

- ≥ 300
- ≥ 60 TO 300
- > 30 TO 60
- ND/0 TO ≤ 30 (PROTECTIVE OF GROUNDWATER SCREENING LEVEL)

SAMPLE DEPTH INTERVALS

- ≤ 5 FT BELOW GROUND SURFACE (BGS)
- 5 TO 10
- 10 TO 15
- 15 TO 20
- 20 TO 25
- > 25
- PROPERTY BOUNDARY

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

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF GROUNDWATER SCREENING LEVEL

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

AERIAL IMAGERY SOURCE: NEARMAP, AUGUST 28, 2020

Seattle DOT Dexter Parcel Site
Seattle, Washington

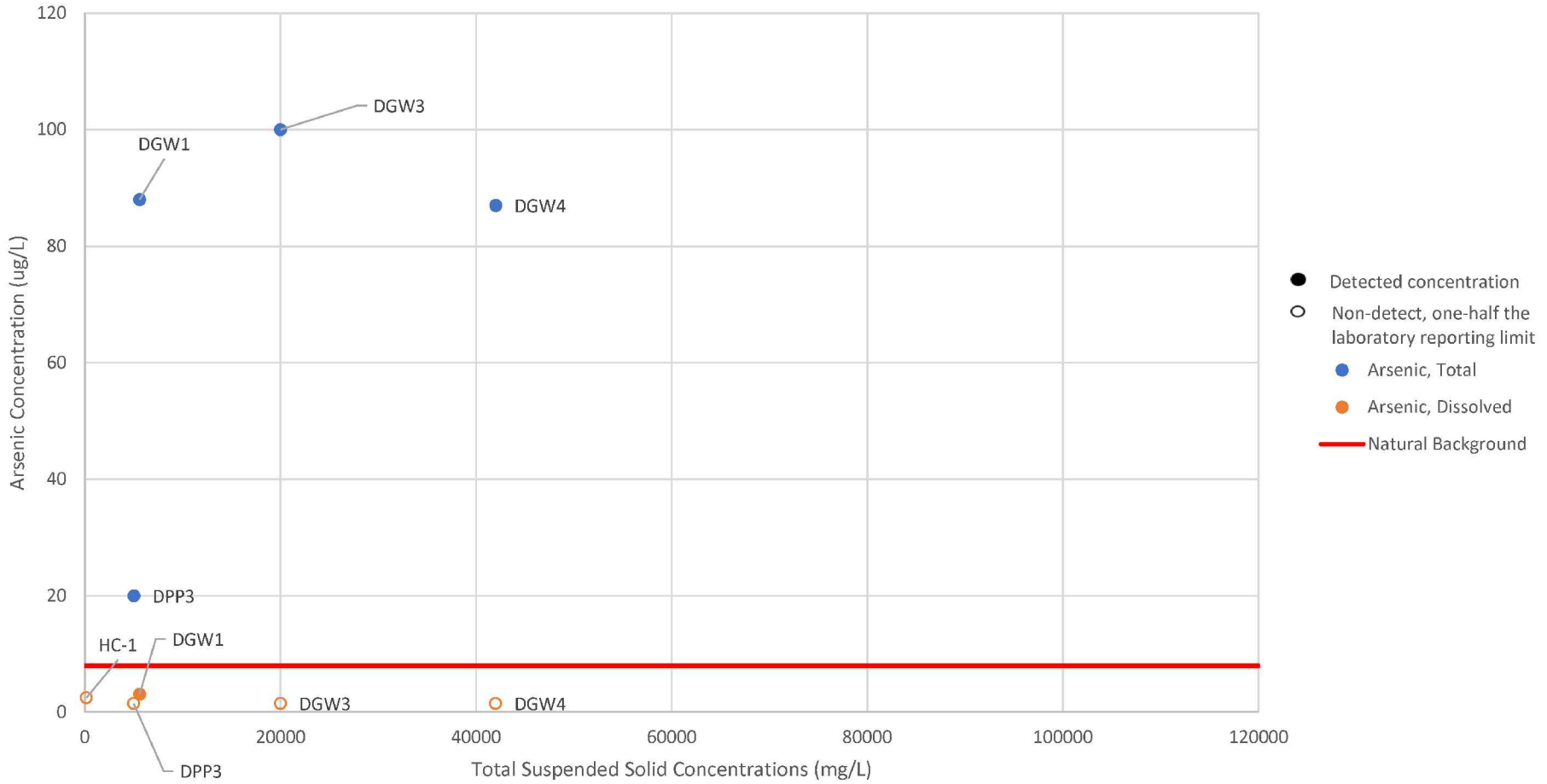
GRO Distribution in Soil

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-2

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:A Date: 07-02-2021 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.

Seattle DOT Dexter Parcel Site
Seattle, Washington

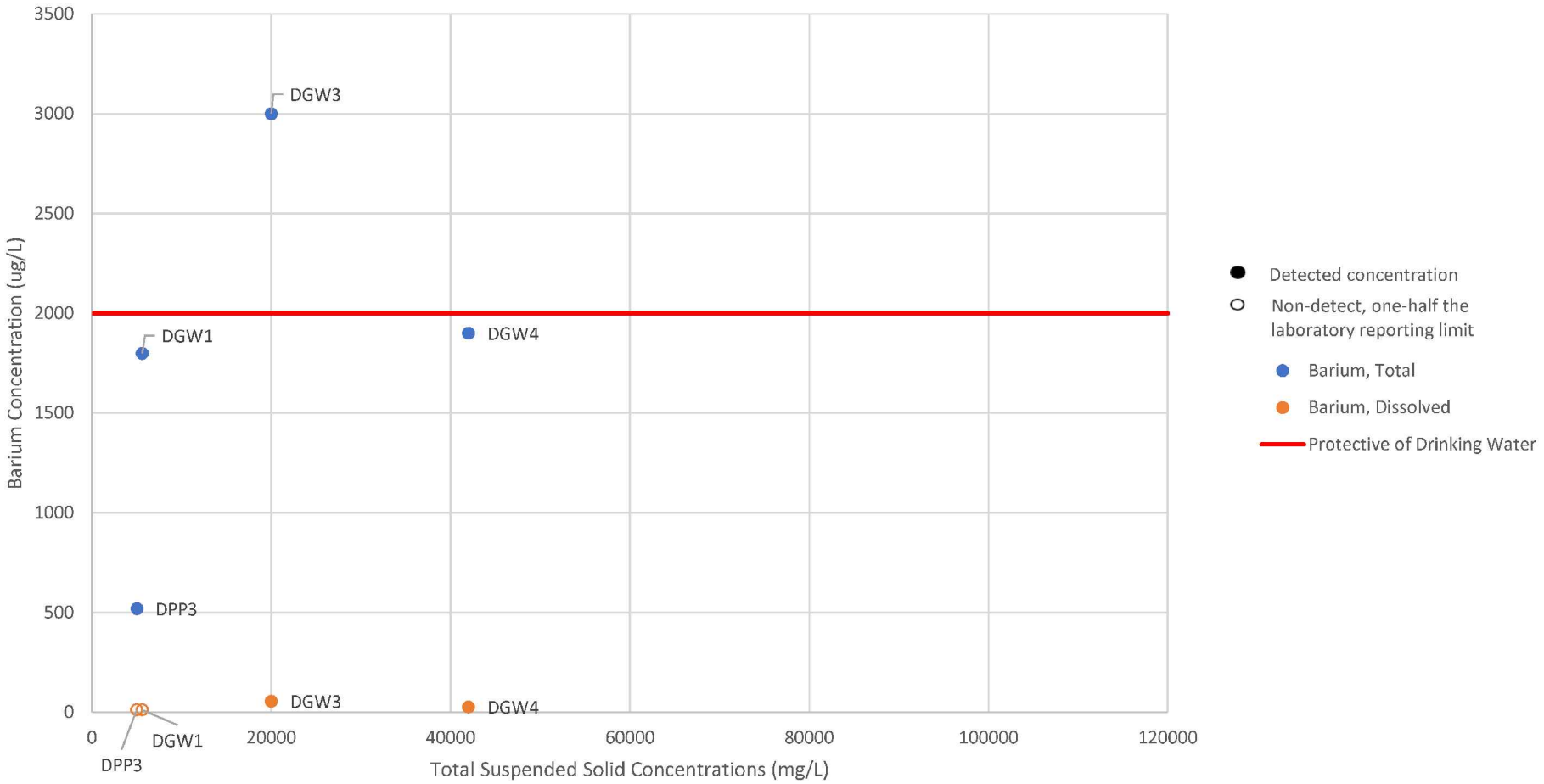
ARSENIC CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3a**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:B Date: 07-02-2021 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.

Seattle DOT Dexter Parcel Site
Seattle, Washington

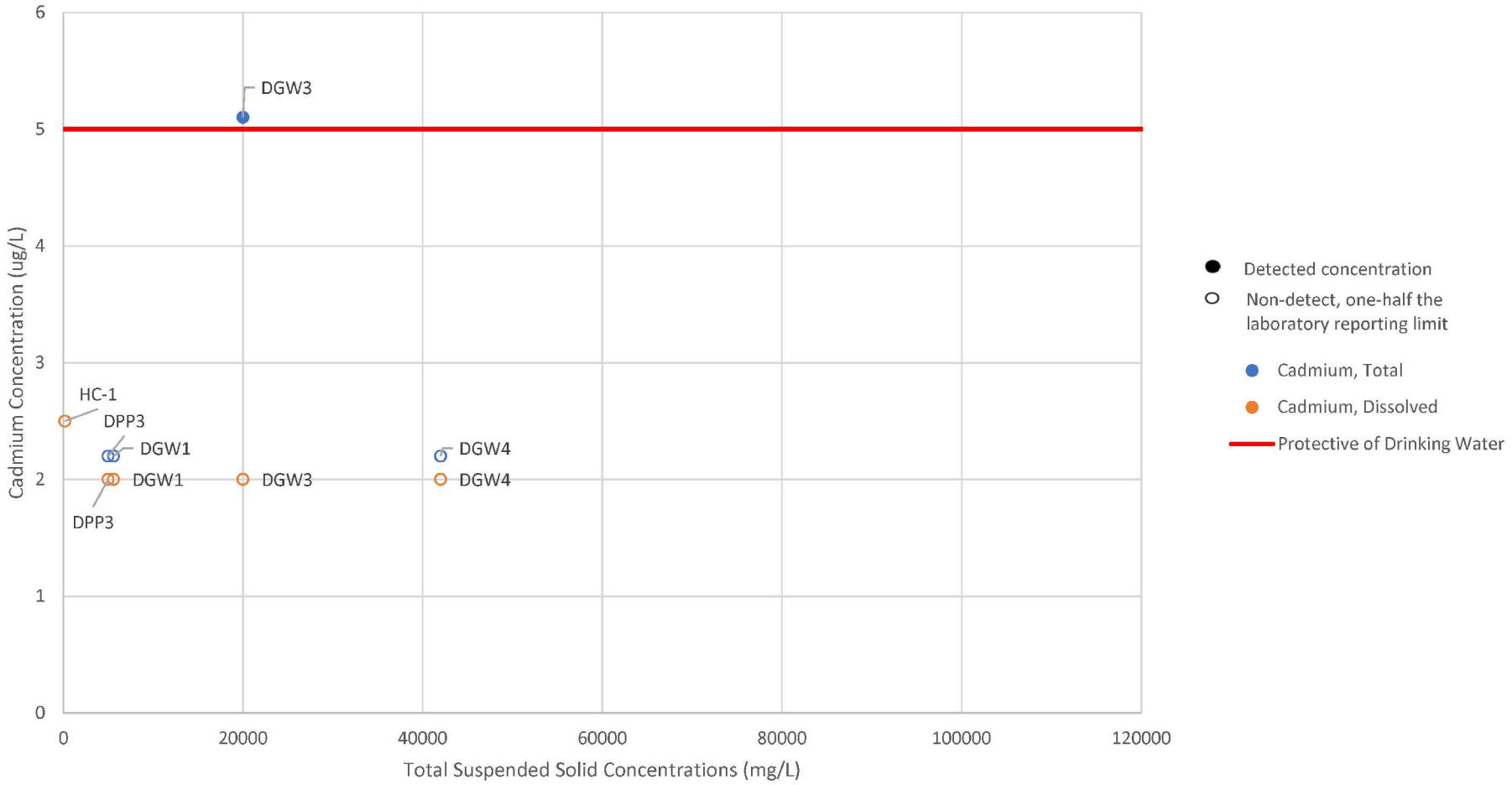
BARIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3b**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:C Date: 07-08-2021 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.

Seattle DOT Dexter Parcel Site
Seattle, Washington

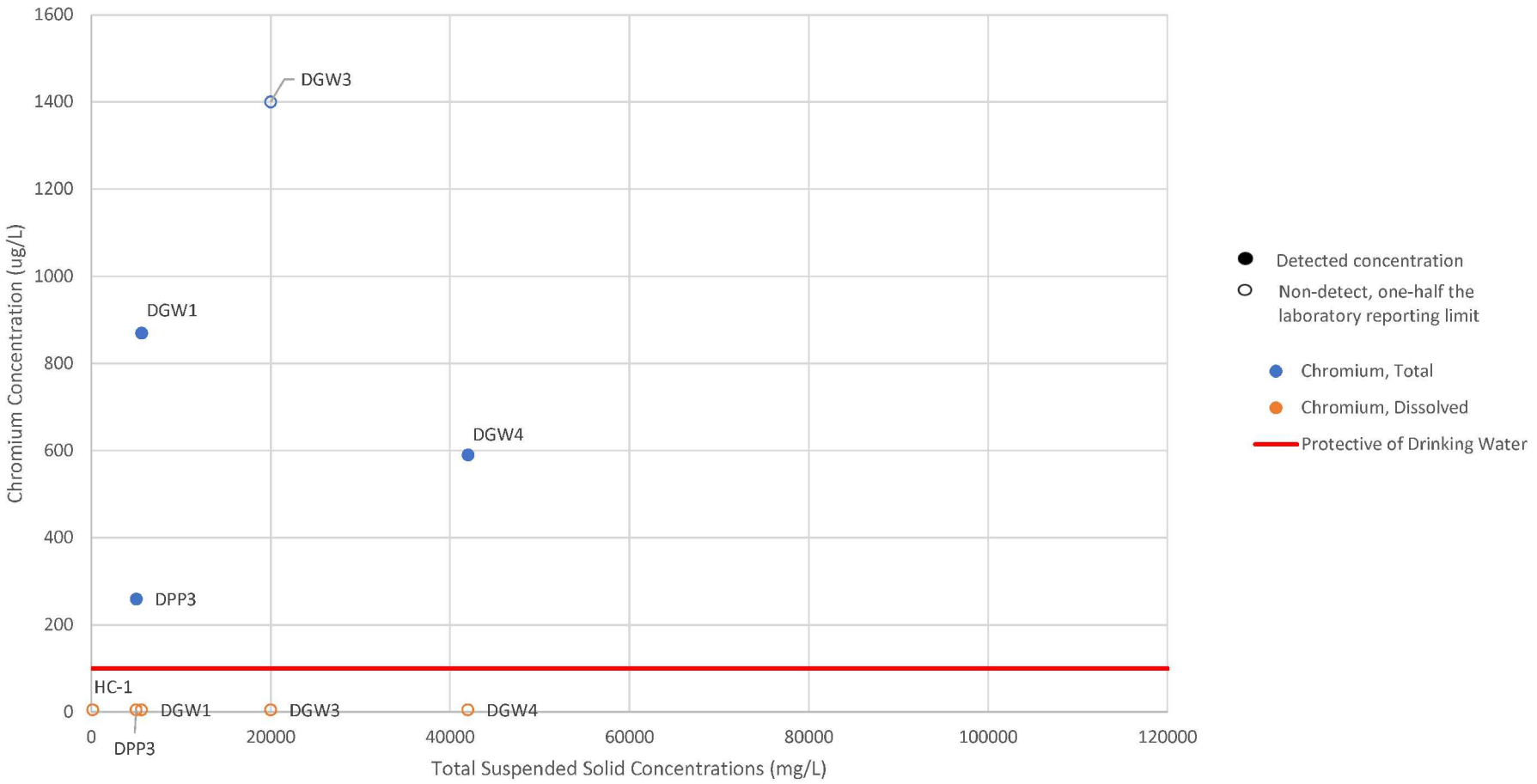
CADMIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3c**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:D Date: 07-02-2021 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.

Seattle DOT Dexter Parcel Site
Seattle, Washington

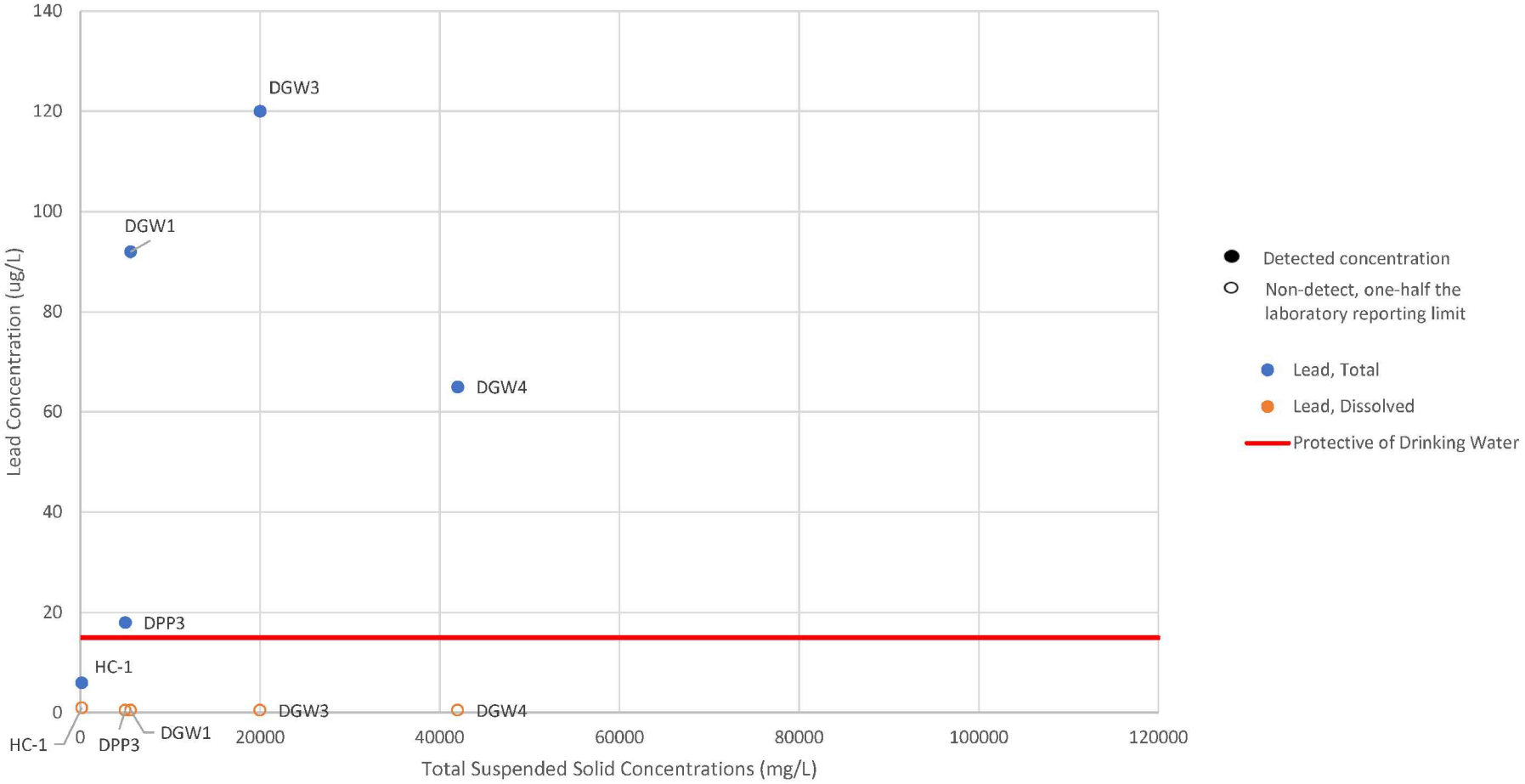
CHROMIUM CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3d**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:E Date: 07-02-2021 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.

Seattle DOT Dexter Parcel Site
Seattle, Washington

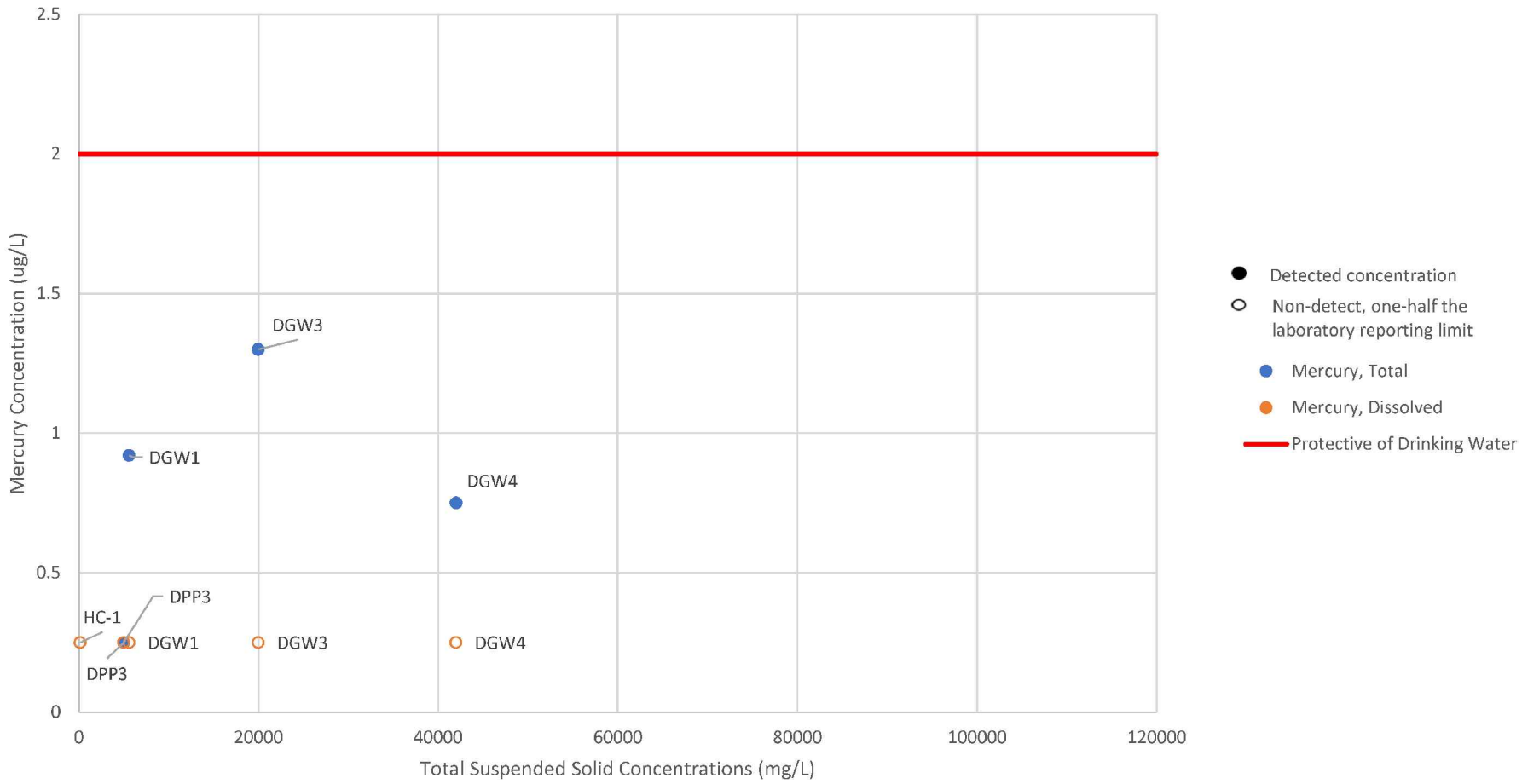
LEAD CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3e**

File: \\haleyaldrich.com\share\sea_projects\Notebooks\1940904_Mercer_Mega_Block_Remedial_Investigations\CAD\1940904-009 (ConcentrationPlots-Dexter).dwg Layout:F Date: 07-02-2021 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.

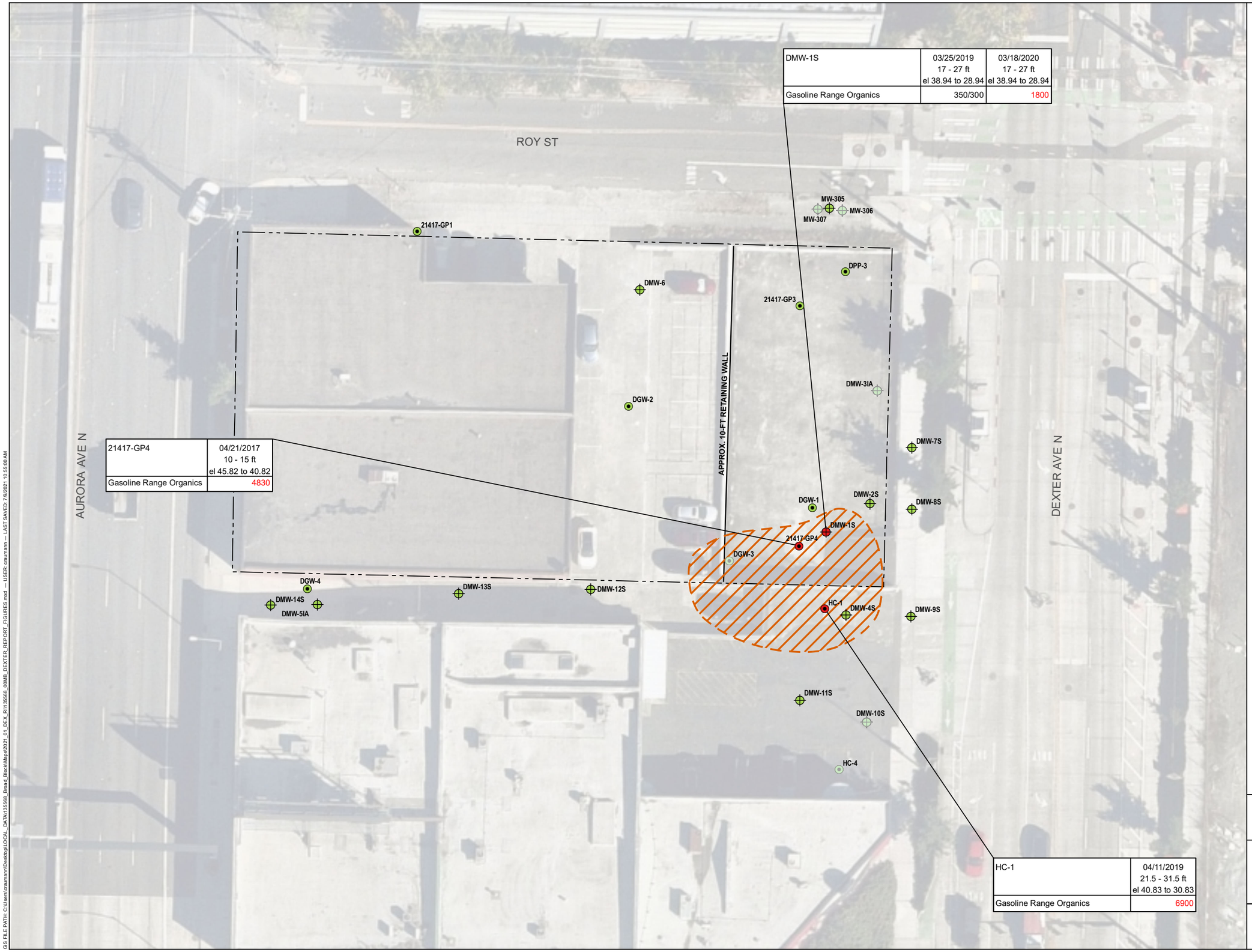
Seattle DOT Dexter Parcel Site
Seattle, Washington

MERCURY CONCENTRATION VS. TOTAL SUSPENDED SOLIDS (TSS) IN GRAB GROUNDWATER SAMPLES

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-3f**



LEGEND

- SOIL BORING, ANALYZED BUT WITHOUT EXCEEDANCE
- SOIL BORING, WITH EXCEEDANCE
- MONITORING WELL, ANALYZED BUT WITHOUT EXCEEDANCE
- MONITORING WELL, WITH EXCEEDANCE
- SHADED-BACK LOCATIONS ARE AT A DIFFERENT ELEVATION THAN THE EXCEEDANCES AND WERE NOT USED TO DEFINE THE EXTENT OF CONTAMINATION
- APPROXIMATE DISTRIBUTION OF GRO, DRO, AND BENZENE EXCEEDANCES IN GROUNDWATER
- PROPERTY BOUNDARY

SCREENING LEVELS FOR GASOLINE RANGE ORGANICS (GRO) GROUNDWATER (µg/L)

CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Gasoline Range Organics	800	-

DATA SHOWN IS FROM 2017-2020

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER SCREENING LEVELS

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
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: NEARMAP, AUGUST 28, 2020

N

0 15 30 60 Feet

Seattle DOT Dexter Parcel Site
Seattle, Washington

GRO Distribution in Groundwater

19409-04 07/21

HARTCROWSER
A division of Holey & Aldrich

Figure
7-4a

DMW-1S	03/25/2019 17 - 27 ft el 38.94 to 28.94	03/18/2020 17 - 27 ft el 38.94 to 28.94
Diesel Range Organics	200 U/200 U	580

ROY ST

AURORA AVE N

DEXTER AVE N

21417-GP1
DMW-6
DPP-3
21417-GP3
DMW-3IA
DGW-2
APPROX. 10-FT RETAINING WALL
DMW-7S
DMW-2S
DMW-8S
DGW-1
DMW-1S
DGW-3
DGW-4
DMW-14S
DMW-5IA
DMW-13S
DMW-12S
HC-1
DMW-4S
DMW-9S
DMW-11S
DMW-10S
HC-4

DMW-4S	03/19/2020 23 - 33 ft el 38.76 to 28.76
Diesel Range Organics	790

LEGEND

- SOIL BORING, ANALYZED BUT WITHOUT EXCEEDANCE
- SOIL BORING, WITH EXCEEDANCE
- MONITORING WELL, ANALYZED BUT WITHOUT EXCEEDANCE
- MONITORING WELL, WITH EXCEEDANCE
- SHADED-BACK LOCATIONS ARE AT A DIFFERENT ELEVATION THAN THE EXCEEDANCES AND WERE NOT USED TO DEFINE THE EXTENT OF CONTAMINATION
- APPROXIMATE DISTRIBUTION OF GRO, DRO, AND BENZENE EXCEEDANCES IN GROUNDWATER
- PROPERTY BOUNDARY

SCREENING LEVELS FOR DIESEL RANGE ORGANICS (DRO) GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Diesel Range Organics	500	-

DATA SHOWN IS FROM 2017-2020

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER SCREENING LEVELS

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
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: NEARMAP, AUGUST 28, 2020

N

0 15 30 60 Feet

Seattle DOT Dexter Parcel Site
Seattle, Washington

DRO Distribution in Groundwater

19409-04 07/21

HARTCROWSER
A division of Haley & Aldrich

Figure
7-4b

ROY ST

AURORA AVE N

DEXTER AVE N

APPROX. 10-FT RETAINING WALL

DMW-1S	03/25/2019 17 - 27 ft el 38.94 to 28.94	03/18/2020 17 - 27 ft el 38.94 to 28.94
Benzene	1.5/1.8	2.9

21417-GP1
MW-307
MW-305
MW-306
DPP-3
DMW-6
21417-GP3
DMW-3IA
DGW-2
DMW-7S
DGW-1
DMW-2S
DMW-8S
DMW-1S
21417-GP4
DGW-3
DGW-4
DMW-14S
DMW-5IA
DMW-13S
DMW-12S
HC-1
DMW-4S
DMW-9S
DMW-11S
DMW-10S
HC-4

LEGEND

- SOIL BORING, ANALYZED BUT WITHOUT EXCEEDANCE
- SOIL BORING, WITH EXCEEDANCE
- MONITORING WELL, ANALYZED BUT WITHOUT EXCEEDANCE
- MONITORING WELL, WITH EXCEEDANCE

SHADED-BACK LOCATIONS ARE AT A DIFFERENT ELEVATION THAN THE EXCEEDANCES AND WERE NOT USED TO DEFINE THE EXTENT OF CONTAMINATION

APPROXIMATE DISTRIBUTION OF GRO, DRO, AND BENZENE EXCEEDANCES IN GROUNDWATER

PROPERTY BOUNDARY

SCREENING LEVELS FOR BENZENE IN GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Benzene	5	2.4

DATA SHOWN IS FROM 2017-2020

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 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
/ = MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

AERIAL IMAGERY SOURCE: NEARMAP, AUGUST 28, 2020

N

0 15 30 60 Feet

Seattle DOT Dexter Parcel Site
Seattle, Washington

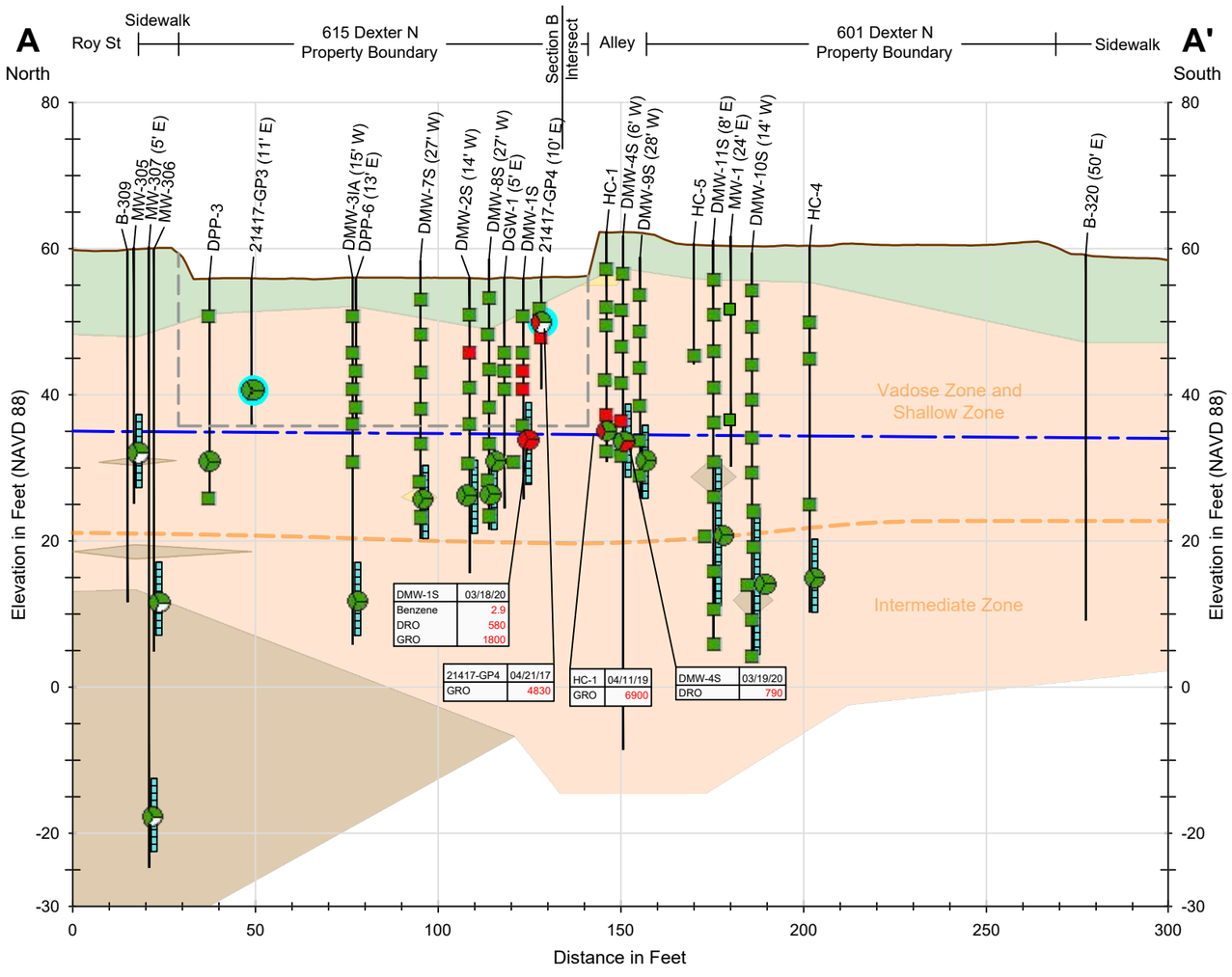
Benzene Distribution in Groundwater

19409-04 07/21

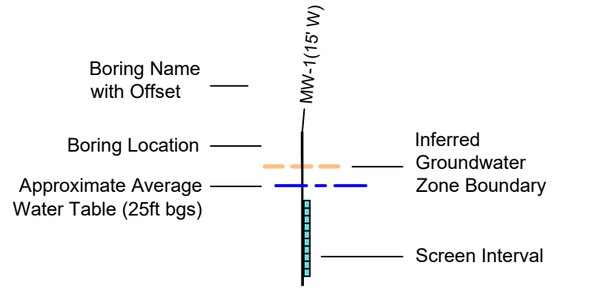
HARTCROWSER
A division of Haley & Aldrich

Figure
7-4c

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad_Block\Maps\2021_01_DEX_R01\135568_00MB_DEXTER_REPORT_FIGURES.mxd — USER: craumann — LAST SAVED: 7/8/2021 9:33:15 AM



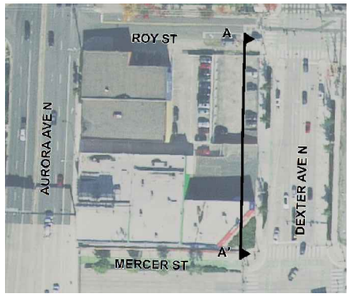
Legend



Approximate Limits of Proposed Excavation at Seattle DOT Dexter Parcel Site ("Seattle DOT Dexter Parcel," Collins Woerman, 06/25/2020)

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

Soil	Applicable Screening Level* (mg/kg)
Gasoline Range Organics[1]	30

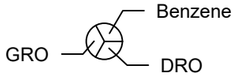
GW	Applicable Screening Level* (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

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

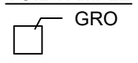
[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air

- 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.

GROUNDWATER SAMPLE



SOIL SAMPLE



green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

= Perched groundwater

Explorations DMW-2S, DMW-8S, DMW-9S, DMW-11S, DGW-1, HC-1, MW-306, and MW-307 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

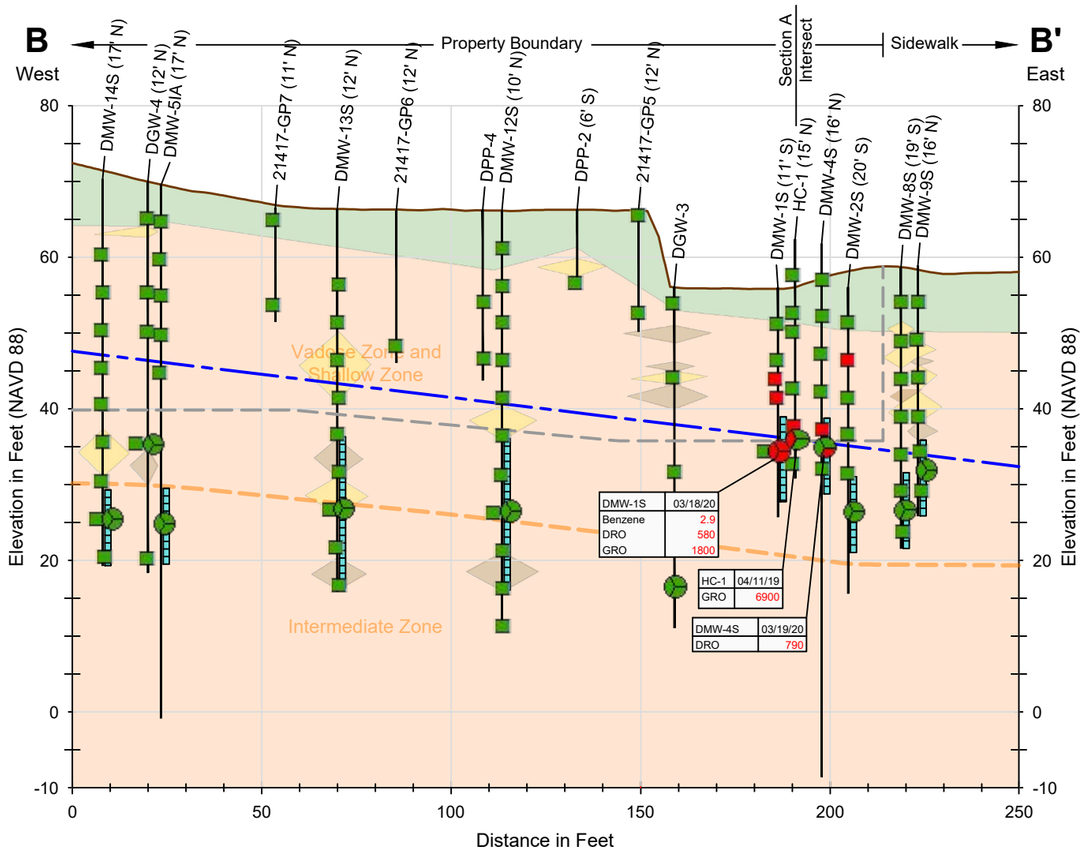
Seattle DOT Dexter Parcel Site
Seattle, Washington

COCs, Cross Section A-A'

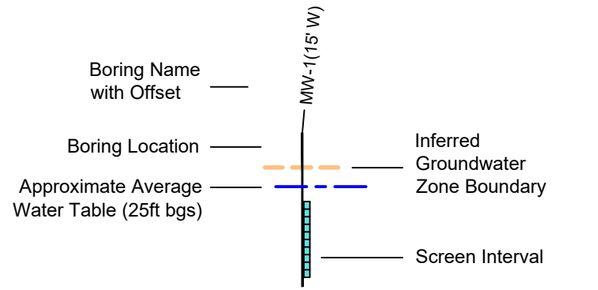
19409-04 07/21

HARTCROWSER Advision of Haley & Aldrich

Figure **7-5a**



Legend



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	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

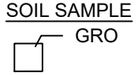
* Screening levels provided by Ecology (November 17, 2020)

[1] Protective of Groundwater
[2] Protective of Drinking Water
[3] Protective of Indoor Air

- 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.

GROUNDWATER SAMPLE

SOIL SAMPLE



green = Constituent(s) below applicable screening level

red = Constituent(s) above applicable screening level

white = Constituent(s) not tested

Explorations DMW-1S, DMW-9S, and DPP-4 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

Seattle DOT Dexter Parcel Site
Seattle, Washington

COCs, Cross Section B-B'

19409-04 07/21

HARTCROWSER A division of Haley & Aldrich

Figure **7-5b**