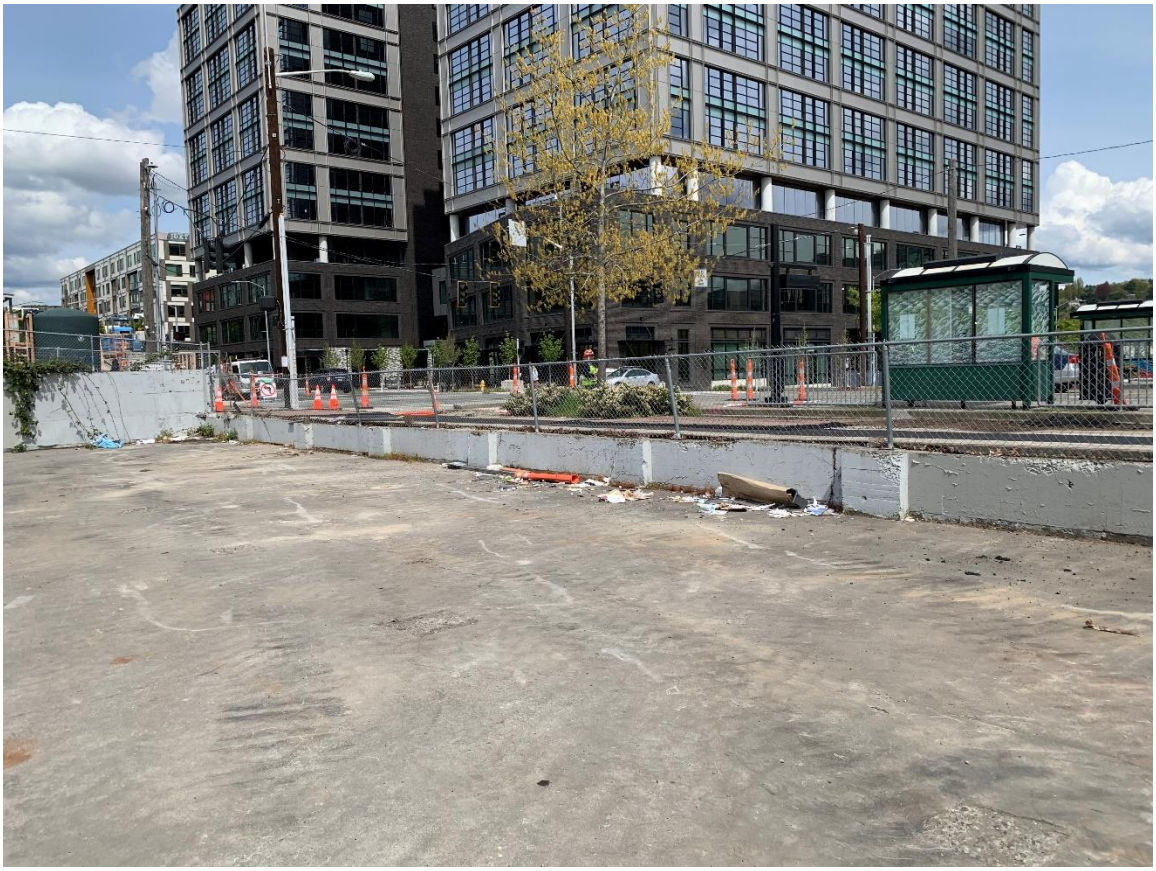
SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

FINAL PRE-REMEDIAL DESIGN INVESTIGATION WORK PLAN



Property:
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington
Facility Site ID: 81735
Cleanup Site ID: 14785

Prepared for:
Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington

November 11, 2022

Final Pre-Remedial Design Investigation Work Plan

Prepared for:

Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington 98133

Property:

Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington 98109
Facility Site ID: 81735
Cleanup Site ID: 14785

Project No.: 1551-001-04

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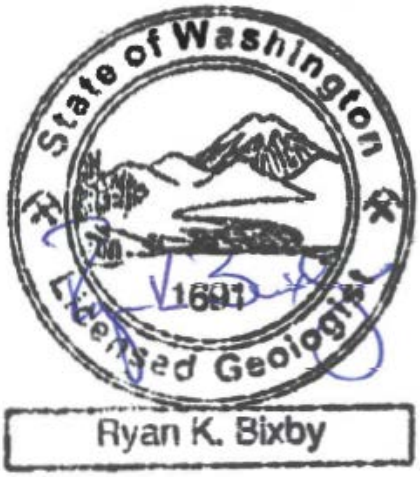
November 11, 2022



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ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
CAP	Cleanup Action Plan
City	City of Seattle
COC	constituent of concern
DRPH	diesel-range petroleum hydrocarbons
Ecology	Washington State Department of Ecology
EDR	engineering design report
GRPH	gasoline-range petroleum hydrocarbons
Hart Crowser	Hart Crowser, a division of Haley & Aldrich
HASP	Health and Safety Plan
ISEB	in situ enhanced bioremediation
MNA	monitored natural attenuation
MTCA	Washington State Model Toxics Control Act
NAVD88	North American Vertical Datum of 1988
ORC-A	Oxygen Release Compound Advanced
the Property	the Seattle DOT Dexter Parcel Site located on or adjacent to the property located at 615 Dexter Avenue North in Seattle, Washington
RI	Remedial Investigation
ROW	right-of-way
SDOT	Seattle Department of Transportation
the Site	a portion of King County Parcel No. 224900-0120 and a south-adjacent alley where hazardous substances were released or have come to be located from historical on-Site gasoline service station operations
SoundEarth	SoundEarth Strategies, Inc.
UST	underground storage tank
WAC	Washington Administrative Code

1.0 INTRODUCTION

The Pre-Remedial Design Investigation (PRDI) Work Plan describes the investigation activities necessary to prepare the engineering design report (EDR) for the planned cleanup action at the Seattle DOT Dexter Parcel Site (the Site), which is located on or adjacent to the property located at 615 Dexter Avenue North in Seattle, Washington (the Property; Figure 1).

A Site is generally defined under the Washington State Model Toxics Control Act (MTCA; Chapter 70A.305 of the Revised Code of Washington) and its implementing regulations (Chapter 173-340 of the Washington Administrative Code), by where a hazardous substance other than a consumer product in consumer use has been deposited, stored, disposed of, or placed or has otherwise come to be located. The Site encompasses a portion of King County Parcel No. 224900-0120 and a south-adjacent alley where hazardous substances were released or have come to be located from historical on-Site gasoline service station operations.

The Property consists of King County Parcel No. 224900-0120. The Property is composed of approximately 24,192 square feet (0.56 acre) of land currently developed with a warehouse building constructed in 1926 and surface parking lots. The Property is bound to the north by Roy Street, to the east by Dexter Avenue North, to the south by a City of Seattle (City)–owned alley, and to the west by Aurora Avenue North.

The PRDI Work Plan has been prepared to satisfy requirements of Prospective Purchaser Consent Decree (PPCD) No. 22-2-02699-5 SEA between 615 Dexter, LLC and the Washington State Department of Ecology (Ecology), dated February 2022. The PRDI Work Plan includes the following general elements described in detail in the following sections: background, purpose, and proposed investigation scope of work. A Site-specific Health and Safety Plan is included as Appendix A and a Sampling and Analysis Plan and Quality Assurance Project Plan is included as Appendix B. Relevant soil and groundwater data tables from theRemedial Investigation (RI) report prepared by Hart Crowser, a division of Haley & Aldrich (Hart Crowser), dated February 1, 2022 (RI report; Hart Crowser 2022a) are included as Appendix C and relevant figures from the Cleanup Action Plan (CAP) prepared by Hart Crowser dated February 8, 2022 (Hart Crowser 2022c), are included as Appendix D.

The results of the PRDI will be used to develop the EDR, and details of the activities and findings of the PRDI will be incorporated into the EDR.

2.0 BACKGROUND

Petroleum hydrocarbon contamination was discovered in soil and groundwater beneath the Property in 2017 during an investigation conducted on behalf of the Seattle Department of Transportation (SDOT) to support the sale of the Property as part of the City's Mercer Corridor West Capital Improvements project. The discovered petroleum hydrocarbon release was reported to Ecology, the Site was subsequently added to the Confirmed and Suspected Contaminated Sites listing in 2018, and the Site was assigned Facility Site ID No. 81735 and Cleanup Site ID No. 14785.

RI activities were performed at the Property as an element of transactional due diligence associated with the Disposition and Development Agreement between 615 Dexter, LLC, a Delaware limited liability company and The City of Seattle, a Washington municipal corporation.

The Site was enrolled into Ecology's Voluntary Cleanup Program (VCP) to complete the RI and to evaluate potential feasibility issues associated with the planned cleanup of the Property. Ecology accepted the VCP application on January 27, 2020, and identified the Site as Seattle DOT Dexter Parcel under VCP Project No. NW3257.

On behalf of 615 Dexter, LLC, RI activities were performed by Hart Crowser between March 2019 and February 2021. The RI activities included collection of additional soil and groundwater data to address data gaps for completion of the RI report and Feasibility Study (FS) for the Property. The RI report and FS documents were finalized in February 2022, following Ecology review of the draft documents and a public review and comment period in 2021. The RI report included data collected from multiple investigations performed by other consultants in the area near the Property between 1970 and 2020. The previous investigations were performed to support geotechnical and environmental studies for nearby properties, numerous public sector road and utility projects, and the Property. The results of the RI revealed that petroleum hydrocarbon contamination is present in shallow soil and groundwater at the Site related to a former gasoline service station that operated on the eastern portion of the Property from approximately 1930 to the mid-1940s. Approximate soil boring and monitoring well locations associated with previous subsurface investigations on or proximate to the Site are shown on Figure 2.

Based on the results of the RI, the following constituents of concern (COCs) were identified for soil and groundwater at the Site:

- Soil: gasoline-range petroleum hydrocarbons (GRPH)
- Groundwater: GRPH, diesel-range petroleum hydrocarbons (DRPH), and benzene

The estimated distribution of GRPH, DRPH, and benzene at concentrations above cleanup levels protective of drinking water or indoor air screening levels is shown on Figure 3.

The Property was developed with residential dwellings between approximately 1917 and 1936. The southern portion of the existing commercial building was constructed in 1926, and the northern portion of the existing building was added in approximately 1946. A gasoline service station that likely also provided automotive repair services, along with two fuel dispensers and a grease shed, were located on the eastern portion of the Property from approximately 1930 to the mid-1940s. An additional commercial building was constructed on the eastern portion of the Property in approximately 1946, by which time the gasoline service station had been demolished. The main on-Property commercial building was most recently occupied by a copier sales and service business.

A fire destroyed the easternmost building on the Property in 2005, and that portion of the Property has been used as a surface parking lot since that time. The concrete floor slab and foundation of the former commercial building remain on the eastern portion of the Property.

A boiler and associated coal chute may have been historically used in the southeastern corner of the existing commercial building on the Property. Three 1,000-gallon heating oil underground storage tanks (USTs) and a single 1,000-gallon bunker oil UST were historically located within the alley south-adjacent of the Property. Seattle Fire Department records indicate that four USTs were pumped, rinsed, and removed in 1997. A 1950 Sanborn Fire Insurance Map shows four solvent tanks of steel construction, totaling 2,000 gallons in combined capacity, situated in the alley south-adjacent of the Property; however, it remains unknown whether these four tanks are the same as the USTs documented by Seattle Fire Department records as those removed in 1997.

The Property Is planned to be redeveloped with an 18-story multifamily residential tower building with a below-grade parking garage that will encompass the entire footprint of the Property. Two levels of below-grade parking are planned with a lower floor elevation of approximately 40 feet North American Vertical Datum of 1988 (NAVD88), or approximately 30 feet below ground surface (bgs), on the western portion of the Property and an elevation of approximately 35.5 feet NAVD88 (approximately 21 feet bgs) on the eastern portion of the Property. The bottom of the construction foundation excavation is anticipated to be completed near elevations ranging from approximately 38 feet NAVD88 (approximately 32 feet bgs) to 33.5 feet NAVD88 (approximately 23 feet bgs), or approximately 2 feet below the finished lower garage floor elevation.

The planned building will include a mix of market rate and income-restricted units ranging from 60 to 85 percent of the Area Median Income. Property redevelopment activities are tentatively projected to begin in late 2023 and will require an estimated 28 months to complete.

The Property is currently owned by 615 Dexter, LLC. The affected tax parcel associated with the Site (King County Parcel No. 224900-0120) is the subject of a DDA between 615 Dexter, LLC and the City. On March 18, 2022, the Property was granted to 615 Dexter, LLC by the City through a Bargain and Sale Deed. SLP 615 Dexter, LLC is the Washington entity that holds the membership interests of 615 Dexter, LLC, the Delaware entity that owns the land. The legal landowner remains 615 Dexter, LCC.

The PPCD between 615 Dexter, LLC and Ecology was executed in February 2022. The finalized PPCD, which directs the prospective purchaser to implement cleanup of the Site in accordance with the CAP, became effective on the purchase date of the Property (March 18, 2022).

The next regulatory step for cleanup action implementation planning is Ecology's agency review of the draft PRDI Work Plan. A summary of primary cleanup action elements planned for the Site includes the following:

- Excavation of contaminated soil within the Property boundary (removal of all identified source area petroleum-contaminated soil) for off-site transport and disposal at a permitted receiving facility
- Performance of in situ enhanced bioremediation (ISEB) by applying Oxygen Release Compound Advanced (ORC-A) to off-Property locations in the south-adjacent alley areas where residual petroleum hydrocarbon contamination remains.
- Implementation of monitored natural attenuation (MNA) for petroleum hydrocarbon-contaminated soil and groundwater remaining off of the Property in the south-adjacent alley and contaminated groundwater that may remain on the Property beneath the building excavation. The future building, paved alley, and surrounding hardscape will serve as a cap to limit groundwater recharge and migration until MNA reduces COCs to concentrations below cleanup levels.
- Installation of a passive vapor intrusion barrier to mitigate potential vapor intrusion risks from remaining petroleum hydrocarbon contamination.
- Implementation of institutional controls, such as an environmental covenant.
- Performance of compliance monitoring and maintenance.

A schematic layout of the planned cleanup action area of the Site is shown on Figure 4. Supporting soil and groundwater analytical data and relevant figures prepared by Hart Crowser are included in Appendices C and D.

3.0 PURPOSE

The PRDI Work Plan has been prepared to satisfy requirements of the PPCD and to describe the investigation activities necessary to prepare the EDR for the cleanup action at the Seattle DOT Dexter Parcel Site.

Additional groundwater sample data from the south-adjacent alley are necessary to complete the EDR and further characterize the current extent of petroleum hydrocarbon impacts in that area. Additional data is also necessary for evaluation of MNA and to support development of the MNA component of the cleanup action. Additional groundwater elevation data collected from wells with non-submerged wells screens is also necessary to evaluate groundwater flow conditions at the Site.

In addition, data to be developed during the PRDI will be used to evaluate and design an ISEB treatment injection plan for the south-adjacent alley. Additional data obtained from implementation of the PRDI Work Plan will be used for review by Regenesis for the estimation of ORC-A dosage requirements.

4.0 PROPOSED PRE-REMEDIAL DESIGN INVESTIGATION SCOPE OF WORK

The following primary elements of work are proposed for the PRDI:

- MNA evaluation
- ISEB treatment study

These scope of work elements are discussed in detail in the following subsections.

4.1 MNA EVALUATION

MNA will be implemented to reduce residual concentrations of COCs in groundwater at the Site after completion of the remedial excavation, within the anticipated restoration time frame of 20 years. The planned MNA area is located within the eastern portion of the alley and southeastern corner of the Property (Figure 4). Residual soil contamination remaining in the south-adjacent alley is located in the groundwater smear zone and is planned to be addressed via MNA, which will begin after completion of the redevelopment excavation and following the injection of an oxygen release compound for ISEB.

The approximate planned locations for new and replacement monitoring wells are shown on Figure 5. A summary of proposed new and replacement monitoring wells with rationale and well construction details is provided in Table 1.

The proposed new monitoring wells (SES-MW01S and SES-MW02S) are planned to further characterize groundwater conditions beneath the alley proximate to former boring 21417-GP5 and former boring HC-1. The proposed well proximate to former boring HC-1 is also planned to evaluate representative groundwater quality through low-flow sampling methods. The analytical results for the reconnaissance "grab" groundwater sample collected by Hart Crowser from former boring HC-1 may have been biased high because of turbidity interferences. Groundwater samples planned to be collected from the two proposed new monitoring wells in the alley will also be used for evaluation of COCs and MNA parameters.

The proposed replacement monitoring wells in the Dexter Avenue North right-of-way (ROW; DMW-8S-R and DMW-9S-R) are planned to evaluate current groundwater environmental quality conditions with respect to COCs and to obtain groundwater elevation data from non-submerged well screens.

The following monitoring well installation and MNA planning elements are included in the scope of this PRDI to provide additional evidence of MNA occurring and collect additional groundwater elevation and characteristics data:

- Install two new groundwater monitoring wells (SES-MW01S and SES-MW02S) in the south-adjacent alley at the approximate locations shown on Figure 5 to further characterize groundwater conditions beneath the alley. Drilling is planned to be performed using a limited-access hollow-stem-auger drill rig. A street use/utility permit will be procured from the Seattle Department of Transportation (SDOT) prior to the start of drilling activities. Proposed monitoring well SES-MW01S is planned to be installed hydrologically upgradient of former soil boring 21417-GP5 in order to evaluate the western extent of dissolved-phase contaminants in groundwater beneath the alley. A second proposed new monitoring well (SES-MW02S) is planned to be installed within the petroleum-contaminated groundwater area in the alley, directly west of former boring HC-1. The proposed new wells are planned to be installed with 10 vertical feet of 0.010-inch slotted well screen. The proposed well screen interval for monitoring wells SES-MW01S and SES-MW02S is from approximately 43.0 to 33.0 feet NAVD88 (approximately 18.5 to 28.5 feet bgs). These proposed well screen intervals span the anticipated seasonal extremes in the water table elevation between the wet and dry seasons; hence, these monitoring wells are not anticipated to have submerged screens during seasonal high water table elevations.
- Install two replacement monitoring wells (DMW-8S-R and MW-9S-R) in the Dexter Avenue North ROW in or near the west sidewalk (Figure 5), which is outside of the previously identified area of groundwater contamination. Drilling is planned to be performed using a limited-access hollow-stem-auger drill rig. Replacement monitoring well DMW-8S-R is planned to be screened from approximately 37.0 to 27.0 feet NAVD88 (approximately 21.5 to 31.5 feet bgs), and replacement monitoring well DMW-9S-R is planned to be screened from approximately 38.0 to 28.0 feet NAVD88 (approximately 20.5 to 30.5 feet bgs). These proposed well screen intervals span the anticipated seasonal extremes in the water table elevation between the wet and dry seasons; hence, these monitoring wells are not anticipated to have submerged screens during seasonal high water table elevations.

  Locations of the replacement monitoring wells will be determined in part by the location of new and existing buried underground utility lines under and near the west sidewalk of Dexter Avenue North. Preexisting monitoring wells DMW-7S, DMW-8S, and DMW-9S were decommissioned by Hart Crowser in December 2021 to allow for the installation of new underground utility lines. The presence of new underground utility lines precludes installation of replacement monitoring wells adjacent to decommissioned well locations in the sidewalk area of Dexter Avenue North. No replacement monitoring well for former well DMW-7S is planned because that data point is not pertinent to the PDRI evaluation of groundwater conditions.
- Collect low-flow groundwater samples from existing monitoring wells DMW-1S, DMW-2S, DMW-4S, proposed replacement wells DMW-8S-R and DMW-9S-R, and proposed new wells SES-MW01S and SES-MW02S for analysis of COCs (GRPH by Method NWTPH-Dx, DRPH by Method NWTPH-Dx, and benzene by Method 8021B). The planned groundwater sampling will

include collection of low-flow groundwater samples from one non-impacted hydrologically upgradient well (either proposed monitoring well SES-MW01S or proposed monitoring well DMW-12S if COCs are detected at concentrations above cleanup levels in proposed monitoring well SES-MW01S), at least one non-impacted hydrologically downgradient well (replacement monitoring wells DMW-9S-R or DMW-8S-R or existing well DMW-2S), and at least two wells within the area of contamination where COCs were previously identified at concentrations above cleanup levels (existing monitoring wells DMW-1S or DMW-4S or new well SES-MW02S). One groundwater sampling event is planned as a part of the PRDI. Quarterly groundwater sampling will be initiated following the completion of remedial excavation and ISEB activities.

- Collect groundwater samples from monitoring wells SES-MW01S and SES-MW02S to evaluate or analyze for the following MNA parameters: dissolved oxygen (DO), oxidation-reduction potential (ORP), pH, specific conductivity, and temperature, along with secondary geochemical indicators, including nitrate, sulfate, soluble ferrous iron, soluble manganese, methane, and alkalinity, in accordance with Ecology's *Guidance on Remediation of Petroleum-Contaminated Ground Water by Natural Attenuation* (Ecology 2005).
- Gauge water levels in existing monitoring wells DMW-1S, DMW-2S, DMW-4S, and DMW-6; proposed replacement monitoring wells DMW-8S-R, DMW-9S-R, and DMW-12S; and proposed new monitoring wells SES-MW01S and SES-MW02S. Additionally, monitoring well MW-305, which is in the Roy Street ROW, will be gauged if it is accessible. These groundwater monitoring wells will be surveyed following installation of the new and replacement wells to obtain additional groundwater elevation data to evaluate groundwater flow conditions in the Site area. One monitoring well gauging event is planned as a part of the PRDI. Quarterly monitoring well gauging will be initiated following the completion of remedial excavation and ISEB activities.

4.2 ISEB TREATMENT STUDY

ISEB is planned to be implemented as part of the cleanup action, following the remedial excavation, to reduce residual concentrations of GRPH in soil and GRPH, DRPH, and benzene in groundwater within the smear zone beneath the south-adjacent alley. Planned off-Property ISEB in the south-adjacent alley during the cleanup action implementation will be performed via the injection of ORC-A using a sonic drill rig for the treatment of residual COC concentrations located within the groundwater smear zone. The planned ORC-A application specifications and details will be included in the EDR.

The PRDI is planned to be performed to confirm groundwater characteristics within and surrounding the petroleum hydrocarbon-contaminated plume of groundwater for MNA planning and design, along with confirming the ORC-A dosing requirements for ISEB and other design elements necessary for the cleanup action. To evaluate design elements for the ISEB component of the planned cleanup action, the following activities are planned during the PRDI:

- Low-flow groundwater sampling from new well SES-MW02S is planned to evaluate representative groundwater conditions and to confirm groundwater characteristics in that area with respect to the COCs. Monitoring well SES-MW02S will be installed directly west of former boring HC-1 in the south alley, where a previous groundwater "grab" sample was collected.
- Additional data obtained from implementation of the PRDI Work Plan will be used for review by Regenesis for the estimation of ORC-A dosage requirements.

5.0 LIMITATIONS

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

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. SoundEarth does not warrant and is not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. SoundEarth does not warrant the use of segregated portions of this report.

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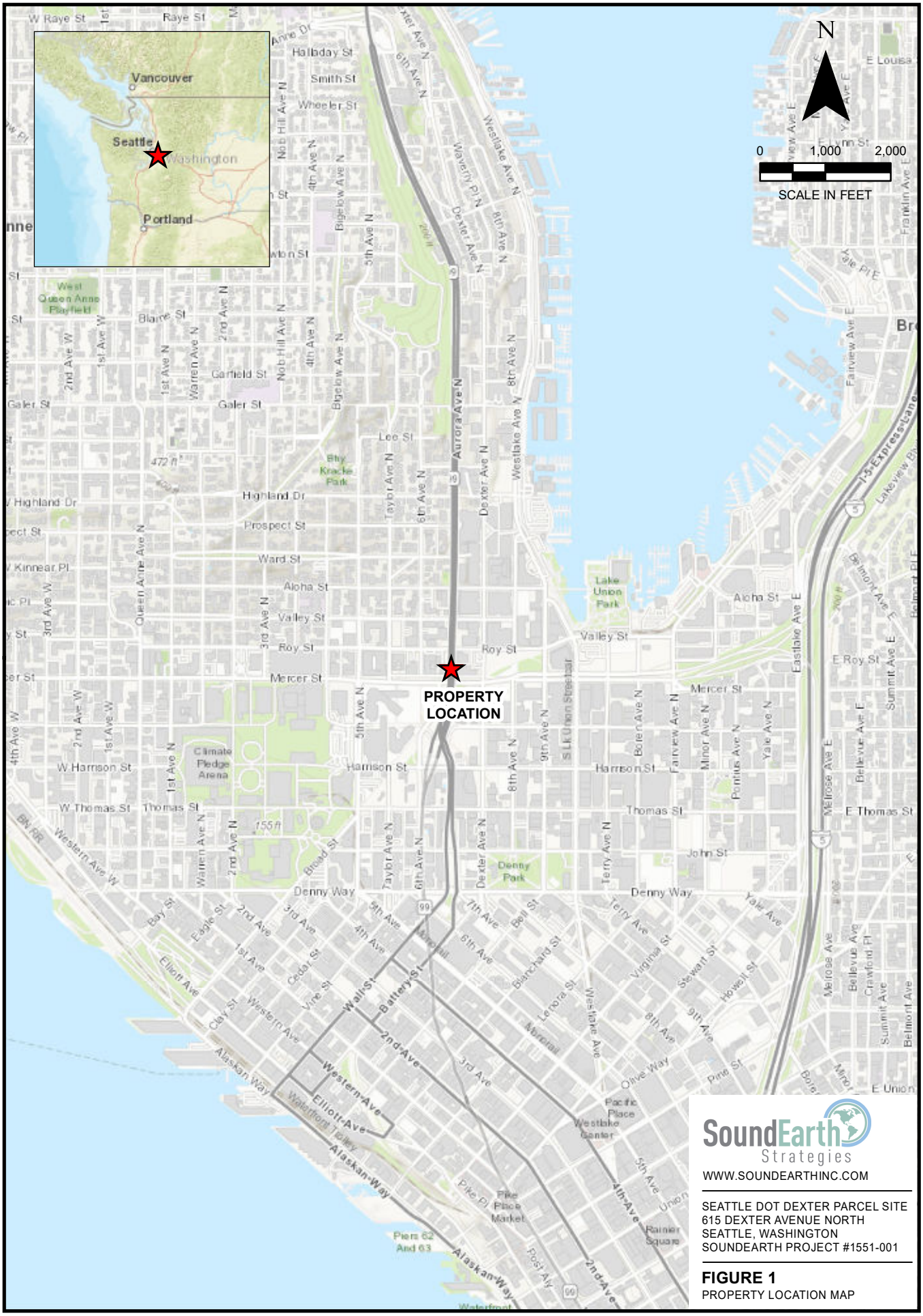
FIGURES



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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE 1
PROPERTY LOCATION MAP

6/15/2022

P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\2022\1551-001-2022-ELM.DWG

701 DEXTER AVENUE NORTH

ROY STREET

N

0 15 30

APPROXIMATE SCALE IN FEET

MW-305 B-309 MW-307 MW-306

21417-GP1

DPP-1

DPP-5

DMW-6

DPP-3

21417-GP3

BB-10

APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION

FORMER PUMP ISLAND

DGW-2

DPP-6

DMW-31A

21417-GP2

615 DEXTER AVENUE NORTH

AURORA AVENUE NORTH

APPROXIMATE 10 FT RETAINING WALL

DMW-7S

DEXTER AVENUE NORTH

DGW-1

DMW-2S

DMW-1S

DMW-8S

DPP-4

DPP-2

POTENTIAL FORMER GREASE SHED

21417-GP4

DGW-3

MW-117

GP-9

DGW-4

21417-GP7

DMW-13S

21417-GP6

DMW-12S

21417-GP5

DMW-14S

DMW-51A

ALLEY

HC-1

DMW-4S

DMW-9S

HC-2

HC-5

MW-1

DMW-11S

GP-8

DMW-10S

HC-3

601 DEXTER AVENUE NORTH

HC-4

GP-7

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL

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FIGURE 2
EXPLORATION LOCATION MAP

10/19/2022

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701 DEXTER AVENUE NORTH

ROY STREET

AURORA AVENUE NORTH

615 DEXTER AVENUE NORTH

601 DEXTER AVENUE NORTH

ALLEY

APPROXIMATE 10 FT RETAINING WALL

DEXTER AVENUE NORTH

APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION

FORMER PUMP ISLAND

POTENTIAL FORMER GREASE SHED

N

0 15 30

APPROXIMATE SCALE IN FEET

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
DRPH	200 U/200 U	580
GRPH	300/350	1,800

21417-GP4	04/21/2017 10 - 15 ft el 45.82 to 40.82
Benzene	1 U
DRPH	-
GRPH	4,830

DMW-4S	03/19/2020 23 - 33 ft el 38.76 to 28.76
Benzene	0.2 U
DRPH	790
GRPH	670

HC-1	04/11/2019 21.5 - 31.5 ft el 40.83 to 30.83
Benzene	1 U
DRPH	200 U
GRPH	6,900

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- LOCATION ANALYZED, BUT WITHOUT EXCEEDANCE
- LOCATION ANALYZED, WITH EXCEEDANCE
- LOCATION IS AT A DIFFERENT ELEVATION THAN THE EXCEEDANCES AND WERE NOT USED TO DEFINE THE EXTENT OF CONTAMINATION
- APPROXIMATE DISTRIBUTION OF GRPH, DRPH, AND BENZENE EXCEEDANCES IN GROUNDWATER

CLEANUP LEVELS FOR GRPH, DRPH, AND BENZENE GROUNDWATER (µg/L)

CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
GRPH	800	--
DRPH	500	--
BENZENE	--	2.4

- DATA SHOWN IS FROM 2017-2020
- RED TEXT INDICATES EXCEEDANCE OF THE CLEANUP LEVEL
- CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER (µg/L)
- CLEANUP LEVELS WERE ESTABLISHED IN THE CLEANUP ACTION PLAN
- DEPTH IN FEET BELOW GROUND SURFACE (BGS)
- ELEVATION IN FEET (NAVD88)

U NON-DETECT AT DETECTION LIMIT AS INDICATED

\- ANALYTE WAS NOT ANALYZED

/ MULTIPLE RESULTS INDICATE THAT A FIELD DUPLICATE WAS TAKEN

GRPH, GASOLINE-RANGE PETROLEUM HYDROCARBONS

DRPH, DIESEL-RANGE PETROLEUM HYDROCARBONS

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FIGURE 3
GRPH, DRPH, AND BENZENE DISTRIBUTION IN GROUNDWATER

10/21/2022

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701 DEXTER AVENUE NORTH

ROY STREET

AURORA AVENUE NORTH

615 DEXTER AVENUE NORTH

601 DEXTER AVENUE NORTH

ALLEY

APPROXIMATE 10 FT RETAINING WALL

DEXTER AVENUE NORTH

N

0 15 30

APPROXIMATE SCALE IN FEET

21417-GP1
DPP-1
DPP-5
DMW-6
APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION
21417-GP2
DGW-2
DPP-4
DPP-2
DGW-4
21417-GP7
DMW-13S
21417-GP6
DMW-12S
DMW-14S
DMW-51A
MW-305
B-309
MW-307
MW-306
DPP-3
21417-GP3
FORMER PUMP ISLAND
DPP-6
DMW-31A
BB-10
DMW-7S
DGW-1
DMW-2S
DMW-1S
DMW-8S
POTENTIAL FORMER GREASE SHED
DGW-3
21417-GP4
MW-117
GP-9
21417-GP5
HC-1
DMW-4S
DMW-9S
HC-2
HC-5
MW-1
DMW-11S
GP-8
DMW-10S
HC-3
HC-4
GP-7

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- APPROXIMATE LOCATION OF ISEB INJECTION POINT
- ESTIMATED AREA OF PETROLEUM-CONTAMINATED SOIL TO BE REMOVED FROM SITE
- APPROXIMATE AREA OF MONITORED NATURAL ATTENUATION (MNA)
- PROPOSED REDEVELOPMENT EXCAVATION, BUILDING FOOTPRINT, AND VAPOR BARRIER AREA
- AREA PROPOSED FOR IN SITU ENHANCED BIOREMEDIATION TREATMENT INJECTIONS

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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE 4
SELECTED CLEANUP ACTION LAYOUT

9/30/2022

P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\2022\1551-001-2022-ELM.DWG

701 DEXTER AVENUE NORTH

ROY STREET

AURORA AVENUE NORTH

615 DEXTER AVENUE NORTH

601 DEXTER AVENUE NORTH

ALLEY

APPROXIMATE 10 FT RETAINING WALL

DEXTER AVENUE NORTH

N

0 15 30

APPROXIMATE SCALE IN FEET

21417-GP1
DPP-1
DPP-5
DMW-6
APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION
21417-GP2
DGW-2
DPP-4
DPP-2
DGW-4
21417-GP7
DMW-13S
21417-GP6
DMW-12S
SES-MW01S
21417-GP5
DMW-14S
DMW-51A
MW-305
B-309
MW-307
MW-306
DPP-3
21417-GP3
FORMER PUMP ISLAND
DPP-6
DMW-31A
BB-10
DMW-7S
DGW-1
DMW-2S
DMW-1S
DMW-8S
DMW-8S-R
POTENTIAL FORMER GREASE SHED
DGW-3
21417-GP4
MW-117
GP-9
HC-1
DMW-4S
SES-MW02S
DMW-9S-R
DMW-9S
HC-2
HC-5
MW-1
DMW-11S
GP-8
DMW-10S
HC-3
HC-4
GP-7

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- ESTIMATED AREA OF PETROLEUM-CONTAMINATED SOIL TO BE REMOVED FROM SITE
- APPROXIMATE AREA OF MONITORED NATURAL ATTENUATION (MNA)
- PROPOSED REDEVELOPMENT EXCAVATION, BUILDING FOOTPRINT, AND VAPOR BARRIER AREA
- PROPOSED MONITORING WELL
- PROPOSED REPLACEMENT MONITORING WELL

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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE 5
PROPOSED EXPLORATION LOCATION PLAN

TABLE

Table 1
Proposed New Wells and Replacements Wells Summary
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington
Project No. 1551-001-04

Proposed New Monitoring Well	Rationale For Installation	Well Construction Details
SES-MW01S	Further characterize groundwater conditions beneath the alley, proximate to former boring 21417-GP5. Collect groundwater samples for evaluation of COCs and MNA parameters.	Consists of 2-inch-diameter PVC with 0.010-slotted well screen. 10 vertical feet of well screen planned to be set from approximately elevation 43 to 33 feet NAVD88. Surface to be finished with flush-mounted traffic-grade monument. Ground surface elevation at the proposed well location to be determined prior to well installation.
SES-MW02S	Further characterize groundwater conditions beneath the alley, proximate to former HC-1 where a previous groundwater grab sample collected by Hart Crowser on April 11, 2019, showed an elevated GRPH concentration of 6,900 micrograms per liter. Collect groundwater samples for evaluation of COCs and MNA parameters and ISEB study.	Consists of 2-inch-diameter PVC with 0.010-slotted well screen. 10 vertical feet of well screen planned to be set from approximately elevation 43 to 33 feet NAVD88 (approximately 18.5 to 28.5 feet bgs). Surface to be finished with flush-mounted traffic-grade monument.
Proposed Replacement Monitoring Well	**Rationale For Installation**	**Well Construction Details**
DMW-8S-R	Replacement of decommissioned wells DMW-7S and DMW-8S. Evaluate current groundwater environmental quality conditions with respect to COCs benath the Dexter Avenue North ROW and to obtain groundwater elevation data from non-submerged well screens.	Consists of 2-inch-diameter PVC with 0.010-slotted well screen. 10 vertical feet of well screen planned to be set from approximately elevation 37 to 27 feet NAVD88 (approximatley 21.5 to 31.5 feet bgs). Surface to be finished with flush-mounted traffic-grade monument.
DMW-9S-R	Replacement of decommissioned well DMW-9S. Evaluate current groundwater environmental quality conditions with respect to COCs beneath the Dexter Avenue North ROW and to obtain groundwater elevation data from non-submerged well screens.	Consists of 2-inch-diameter PVC with 0.010-slotted well screen. 10 vertical feet of well screen planned to be set from approximately elevation 38 to 28 feet NAVD88 (approximately 20.5 to 30.5 feet bgs). Surface to be finished with flush-mounted traffic-grade monument.

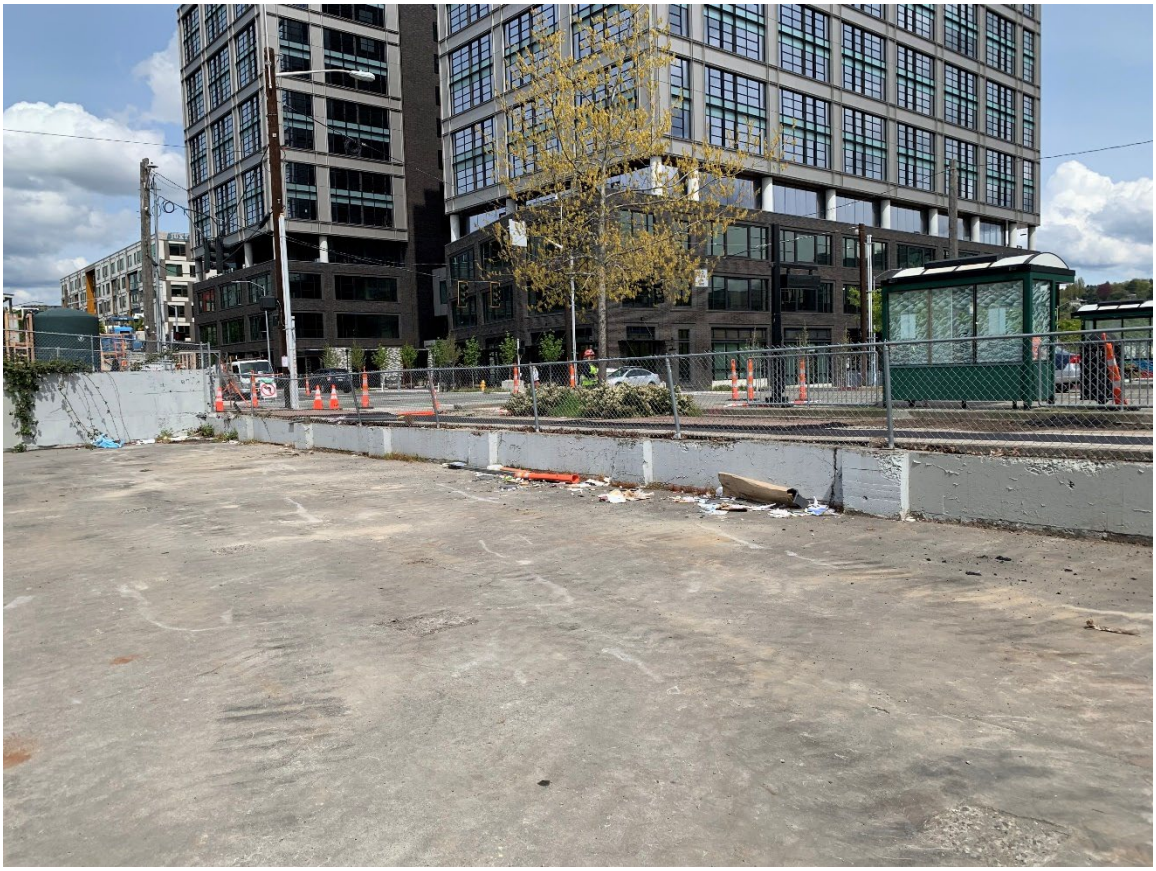
NOTES:
COCs = constituents of concern
GRPH = gasoline-range petroleum hydrocarbons
ISEB = in situ enhanced bioremediation
MNA = monitored natural attenuation
NAVD88 = North American Vertical Datum of 1988
ROW = right-of-way

APPENDIX A
SITE-SPECIFIC HEALTH AND SAFETY PLAN

SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

FINAL SITE-SPECIFIC HEALTH AND SAFETY PLAN

APPENDIX A OF THE PRE-REMEDIAL DESIGN INVESTIGATION WORK PLAN



Property:
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington
Facility Site ID: 81735
Cleanup Site ID: 14785

Prepared for:
Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington

Report Date:
November 11, 2022

Final Site-Specific Health and Safety Plan

Appendix A of Pre-Remedial Design Investigation Work Plan

Prepared for:

Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington 98133

Property:

Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington 98109
Facility Site ID: 81735
Cleanup Site ID: 14785

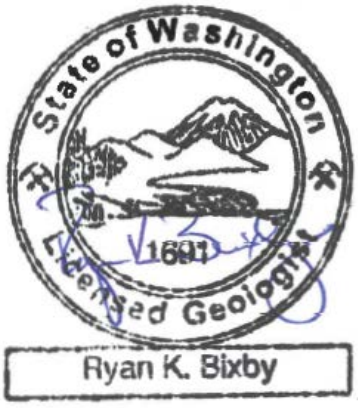
Project No.: 1551-001-04

Prepared by:

Kyle Lowery, GIT
Project Geologist

Chris Cass, LG
Senior Geologist

Ryan Bixby, LG
Managing Principal



Initiation Date: November 11, 2022
Expiration Date: November 11, 2023

SoundEarth Strategies

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FIGURES

ATTACHMENTS

HAZARD SUMMARY

SoundEarth Strategies, Inc. (SoundEarth) has prepared this Site-Specific Health and Safety Plan (HASP) for the Seattle DOT Dexter Parcel Site, located at and adjacent to the property located at 615 Dexter Avenue North in Seattle, Washington (the Property). The HASP was written in general accordance with the Washington State Model Toxics Control Act as promulgated in Chapter 173-340-350 of the Washington Administrative Code.

SITE DESCRIPTION

For the purposes of this HASP, the "Site" is defined as those areas where field activities related to the scope of the investigation are performed.

The Site encompasses a portion of King County Parcel No. 224900-0120 and a south-adjacent alley where hazardous substances were released or have come to be located from historical on-Property gasoline service station operations.

The Property consists of King County Parcel No. 224900-0120. The Property is composed of approximately 24,192 square feet (0.56 acre) of land currently developed with a warehouse building constructed in 1926 and surface parking lots. The Property is bound to the north by Roy Street, to the east by Dexter Avenue North, to the south by a City of Seattle-owned alley, and to the west by Aurora Avenue North.

FIELD ACTIVITIES

The following field activities are covered under this HASP:

- Groundwater monitoring
- Groundwater well development
- Soil sampling
- Monitoring well installation observation

SITE HAZARDS

Hazards present at the Site include the following:

Chemical

- Benzene
- Gasoline-range petroleum hydrocarbons
- Diesel-range petroleum hydrocarbons

Physical

- COVID-19
- Dust
- Electrical hazards
- Ergonomic hazards

- Flammable liquids
- Hazardous processes
- Mechanical failures
- Overhead utilities and features
- Pressurized air
- Unstable ground; slips, trips, falls, and cuts
- Open excavations
- Spills
- Struck by/struck against; pinch points
- Traffic and moving equipment
- Underground utilities and features
- Unsecure/uncontrolled site
- Visibility
- Weather exposure: temperature, wind, lightning, rain, ice, snow

HAZARD CONTROLS

The following hazard controls, based on the tasks identified in the Field Activities listed above, are required for employees of SoundEarth while performing work on the Site:

- **Level D PPE**: Includes hard hats, steel-toed boots, safety glasses, nitrile gloves, and a reflective safety vest.
- **Traffic control**: Delineators and caution tape supplemented by vehicle barricades, as necessary.

The following hazard controls, based on the tasks identified in the Field Activities listed above, are recommended for employees of SoundEarth while performing work on the Site:

- **COVID-19 mitigation**: Includes maintaining a minimum physical distance of 6 feet between other workers and contractors, wearing nitrile gloves, and wearing a mask. No sharing of equipment or tools.

This hazard summary is presented solely for introductory purposes, and the information contained in this section should be used only in conjunction with the full text of this report. A complete description of the project, Site conditions, investigation methods, and investigation results is located in previous reports referenced in this HASP.

1.0 INTRODUCTION

This Site-Specific Health and Safety Plan (HASP) was written for the use of SoundEarth Strategies, Inc. (SoundEarth) and its employees. The health and safety and emergency response protocols outlined in this plan are designed to ensure compliance with state and federal regulations governing worker safety on hazardous waste sites. The US Department of Labor has published final rules (Part 1910.120 of Title 29 of the Code of Federal Regulations, March 6, 1990) that amend the existing Occupational Safety and Health Administration standards for hazardous waste operations and emergency response. Within Washington State, these requirements are addressed in Chapter 296-843 of the Washington Administrative Code, Hazardous Waste Operations. These regulations apply to the activities to be performed at this Site as a site investigation, remediation, or cleanup, under the Federal Resource Conservation and Recovery Act of 1976 and/or the Washington State Model Toxics Control Act (MTCA).

Subcontractors to SoundEarth and other contractors performing work within the exclusion zone of the Site are required to prepare and effectively implement their own HASP based on their unique scope of work and professional expertise. Each contractor's HASP must comply with all applicable federal, state, and local regulations. The contractor's HASP should employ appropriate best practices to protect all personnel working on the Site, as well as the public, and to prevent negative impacts to the project or Site.

The responsibilities of SoundEarth for safety on this Site are limited to the following:

- **Implementation** of the provisions of this HASP for the protection of its employees and visitors on the Site to the extent that the Site and its hazards are under the control of SoundEarth.
- **Protection of the Site**, other personnel, and the public from damage, injury, or illness as a result of the activities of SoundEarth and its employees while on the Site.
- **Provision** of additional safety-related advice and/or management as contractually determined between the parties.

This plan is active for this Site until SoundEarth implements a scope of work change not covered by this HASP, after which time it must be reviewed and extended.

NOTE: Activity Hazard Analyses (AHAs) incorporated into this HASP refer to the documents that compile detailed information and instructions for protecting SoundEarth employees from chemical and physical hazards applicable to this HASP. The AHAs identified in this HASP are provided in Attachment A. This HASP must be present at the Site during field activities.

2.0 PROJECT INFORMATION

Property Name: Seattle DOT Dexter Parcel Site
Property Address: 615 Dexter Avenue North Seattle, Washington
Property Owner: 615 Dexter, LLC
Property Tenant: N/A
Nature of Activities at this Property: Parking lot, vacant concrete-paved lot, vacant commercial building.

Figure 1 shows the Site location. Figure 2 shows the Site exploration plan.

3.0 PROJECT RESPONSIBILITIES

Site personnel shall acknowledge that they have reviewed a copy of the HASP for this project, that they understand it, and that they agree to comply with all of its provisions by signing and dating the Acknowledgment and Agreement form found in Attachment B.

A daily health and safety tailgate meeting shall take place at the start of every day in the field. Persons attending this meeting are to print and sign their name on the attached Daily Health and Safety Briefing Log in Attachment C.

Project Manager: Chris Cass
Site Manager/Health and Safety Officer: Kyle Lowery
Principal in Charge: Ryan Bixby
Corporate Health and Safety Administrator: Chris Carter

4.0 EMERGENCY INFORMATION

For a critical emergency, 911 should be called.

Note: A SoundEarth employee MAY NOT transport a non-SoundEarth employee off the Site for medical attention.

Local Emergency Numbers		
Institution/Department	**Name/Address**	**Phone Number**
Hospital	**Virginia Mason Hospital** 925 Seneca Street Seattle, WA 98101	911
Ambulance	--	911
Police/Sheriff	**Seattle Police Department – West Precinct** 810 Virginia Street Seattle, WA 98101	911

Local Emergency Numbers		
Institution/Department	**Name/Address**	**Phone Number**
Fire	**Seattle Fire Station 2** 2320 4th Avenue Seattle, WA 98121	911

Project Emergency Numbers		
Title	**Name**	**Phone Number**
Project Manager	Chris Cass	O: 206-436-5953 C: 425-765-4490
Site Manager	Kyle Lowery	O: 206-245-1179 C: 480-735-8658
Principal in Charge	Ryan Bixby	O: 206-436-5923 C: 206-818-0669
Corporate Health and Safety Administrator	Chris Carter	O: 206-436-5905 C: 206-618-0306

Attachment D, Hospital Route, provides the location and driving directions. The route must be posted at the Site.

5.0 SITE HAZARD ANALYSIS

This section is used to determine the project's potential health and safety hazards specifically as they relate to the Site where the work will occur. Activity-related hazards are summarized in Section 6.0, Activity Hazard Analysis.

5.1 SITE HAZARD ANALYSIS—CHEMICAL

This section describes and identifies potential and known chemical hazards that may be encountered at the Site (summarized in Section 5.1.7). The following chemicals are expected to be encountered during field activities:

- Alconox
- Liquinox
- DRPH
- GRPH
- Benzene

5.1.1 Reports that Provide Chemical Data

- Hart Crowser, Inc. 2022 Remedial Investigation Report

5.1.2 Summary of Potential Chemical Hazards

- Gasoline-range petroleum hydrocarbon (GRPH) in soil
- GRPH, diesel-range petroleum hydrocarbons (DRPH), and benzene in groundwater

5.1.3 Past Opportunities for Chemical Contamination

The contaminant sources at the Site are attributed to historical fuel releases associated with the former on-Property gasoline service station that operated on the eastern portion of the Property during the 1930s until the 1940s. A boiler and associated coal chute may have been historically used at the southeastern corner of the existing commercial building on the Property. Three 1,000-gallon heating oil underground storage tanks (USTs) and a single 1,000-gallon bunker oil UST were historically located within the alley adjacent to the south of the Property. Seattle Fire Department records indicate that four USTs were pumped, rinsed, and removed in 1997. A 1950 Sanborn Fire Insurance Map shows four solvent tanks of steel construction, totaling 2,000 gallons in combined capacity, situated in the alley south-adjacent to the Property; however, it remains unknown whether these four tanks are the same as the USTs documented by Seattle Fire Department records as removed in 1997.

5.1.4 Opportunities for Unknown or Unidentified Chemical Contamination

Unknown fill material and hazardous substances associated with unknown and known USTs in the shallow soils on the Property may be present.

5.1.5 Existing Controls in Place

- The western portion of the Property is developed and secured with a 1.5-story masonry building.
- The eastern portion of the Property is capped with a concrete-paved surface.

5.1.6 Chemical Analytical Results

Previous subsurface investigations at the Property have confirmed that GRPH is present at concentrations above the cleanup levels defined in the 2022 Cleanup Action Plan in soil samples. GRPH and DRPH were detected at concentrations above the cleanup levels in groundwater samples. Benzene was detected in groundwater at a concentration that exceeded the cleanup level in the sample collected from DMW-1S in March 2020.

5.1.7 Chemical Hazards

Chemical or Class (Synonyms or Isomers)	DOSH PEL/AL (OSHA PEL if different)	Other Pertinent Limits Special Characteristics	Routes of Exposure Warning Properties	Exposure Symptoms	Target Organs First Aid	Recommended PPE Respiratory Protection	Recommended Monitoring
Benzene	DOSH PEL: 1 ppm TWA 5 ppm STEL DOSH AL: 0.5 ppm TWA	NIOSH REL: 0.1 ppm TWA 1 ppm STEL IDLH: 500 ppm FP: 12˚F LEL: 1.2% Carcinogen	Inhalation, ingestion, skin absorption, eye contact Aromatic odor	Irritation of eyes, skin, nose, respiratory system; dizziness; headache; staggered gait; nausea; weakness and exhaustion; bone marrow depression (Carcinogen)	Eyes, skin, respiratory system, blood, central nervous system, bone marrow Eye: Irrigate immediately Skin: Soap wash promptly Inhalation: Respiratory support Ingestion: Medical attention immediately	▪ Impermeable, disposable clothing ▪ Nitrile or Neoprene gloves ▪ Min ½ Mask AP/HEPA If PEL is exceeded: min full-face SA respirator in PP/PD mode; Higher APF per results of air monitoring	If potential for exposure exists: ▪ Initiate personal air monitoring; additional monitoring if necessary based on initial results ▪ Verify method with laboratory prior to ordering media and equipment Real Time Monitoring Equipment: ▪ Detector Tube ▪ 10.2 or 10.6 eV PID
DRPH (As Diesel Fuel #2 and petroleum distillates)	DOSH PEL: 100 ppm TWA 150 ppm STEL OSHA PEL: 500 ppm TWA	NIOSH REL: 86 ppm TWA 444 ppm STEL ACGIH TLV: 100 mg/m^3 TWA IDLH: 1,100 ppm FP: -40 to -86˚F LEL: 1.1% Carcinogen Combustible liquid	Inhalation, ingestion, skin or eye contact Gasoline or kerosene-like odor Floats on water Clear, yellow-brown liquid	Irritation of eyes, nose, throat; dizziness; drowsiness; headache; nausea; dry cracked skin; inflammation of lungs; dermatitis; skin reddening	Eyes, skin, respiratory system, central nervous system, kidneys Breathing: Respiratory support	▪ Impermeable, chemical-resistant, disposable clothing ▪ Nitrile or neoprene gloves If PEL is exceeded: any SA respirator	If potential for exposure exists: ▪ Initiate personal air monitoring; additional monitoring if necessary based on initial results ▪ Verify method with laboratory prior to ordering media and equipment Real Time Monitoring Equipment: ▪ 10.2 or 10.6 eV PID

Chemical or Class (Synonyms or Isomers)	DOSH PEL/AL (OSHA PEL if different)	Other Pertinent Limits Special Characteristics	Routes of Exposure Warning Properties	Exposure Symptoms	Target Organs First Aid	Recommended PPE Respiratory Protection	Recommended Monitoring
GRPH (motor fuel, motor spirits, gasoline, TPH)	DOSH PEL: 300 ppm TWA 500 ppm STEL	ACGIH TLV: 300 ppm TWA 500 ppm STEL FP: -45˚F LEL: 1.4% Carcinogen	Inhalation, ingestion, skin absorption, skin or eye contact Characteristic odor Rainbow sheen	Irritation of eyes, skin, and mucous membranes; inflammation of skin and lungs; headache; weakness; exhaustion; blurred vision; dizziness, slurred speech; confusion; convulsions; possible liver and kidney damage; (potential occupational carcinogen)	Eyes, skin, respiratory system, central nervous system, liver, kidneys Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately	▪ Impermeable, chemical-resistant, disposable clothing ▪ Nitrile gloves If PEL is exceeded: min full-face SA respirator in PP/PD mode	If potential for exposure exists: ▪ Initiate personal air monitoring; additional monitoring if necessary based on initial results ▪ Verify method with laboratory prior to ordering media and equipment Real Time Monitoring Equipment: ▪ Detector Tubes ▪ 10.2 or 10.6 eV PID

NOTES:
The NIOSH Pocket Guide provides more information for the chemical in question or for a chemical not listed.

% = percent
µg/m^3 = micrograms per cubic meter
ACGIH = American Conference of Governmental Industrial Hygienists
AL = action limit
AP = air purifying respirator
APF = assigned protection factor
ATSDR = Agency for Toxic Substances and Disease Registry
C = ceiling exposure limit
cm^3 = cubic centimeter(s)
DOSH = Washington State Department of Labor and Industries, Division of Occupational Safety and Health
DRPH = diesel-range petroleum hydrocarbons
eV = electron volt
°F = degrees Fahrenheit
FP = flash point
GRPH = gasoline-range petroleum hydrocarbons
HEPA = high efficiency particulate air cartridge
IDLH = immediately dangerous to life and health
IP = ionization potential
kg = kilogram
LEL = lower explosive limit
mg/m^3 = milligrams per cubic meter
min = minimum
ng/day = nanograms per day
NIOSH = National Institute of Safety and Health
OSHA = Occupational Safety and Health Administration
OV = organic vapor cartridge
PAPR = powered air purifying respirator
PEL = permissible exposure limit
PID = photoionization detector
pg/kg/day = picogram per kilogram per day
PP/PD = positive pressure/pressure demand mode
PPE = personal protective equipment
ppm = parts per million
REL = recommended exposure limit
SA = supplied air respirator
SDS = Site-Specific Chemical Safety Data Sheets
TEL = short-term exposure limit, 15 minutes, unless otherwise noted
TLV = threshold limit value
TPH = total petroleum hydrocarbon
TWA = time-weighted average
UV = ultraviolet
WHO = World Health Organization

5.2 SITE HAZARD ANALYSIS—PHYSICAL

This section addresses known and potential physical hazards specific to the Property. Site documents provided by the client, owner, or tenant (such as non-SoundEarth HASPs, traffic control plans, and operation and maintenance plans) can be helpful to identify Property-specific hazards.

5.2.1 Site-Specific Physical Hazards

Described below are physical hazards that may be encountered while on the Site:

- COVID-19
- Dust
- Electrical hazards
- Ergonomic hazards
- Flammable liquids
- Hazardous processes
- Mechanical failures
- Overhead utilities and features
- Pressurized air
- Unstable ground; slips, trips, falls, and cuts
- Open excavations
- Spills
- Struck by/struck against; pinch points
- Traffic and moving equipment
- Underground utilities and features
- Unsecure/uncontrolled site
- Visibility
- Weather exposure: temperature, wind, lightning, rain, ice, snow

5.2.2 Utility Hazards

Described below are utility hazards that may be present at the Property. In order to locate utilities, the Utilities Underground Location Center should be called at 800-424-5555, a private utility locate should be scheduled (as appropriate), side sewer cards should be reviewed, owner/tenant documents should be reviewed, and the Property should be visually inspected.

5.2.2.1 Underground Utilities

An underground water line runs beneath the northwestern portion of the Property from Roy Street. Unknown underground utilities will be located and identified prior to any on-Property activities.

5.2.2.2 Overhead Utilities

Overhead power lines are present on the northwestern and northeastern corners of the Property.

6.0 TASK-RELATED SITE HAZARD ANALYSIS

This section outlines the health and safety hazards that may be present on the Site as a result of the tasks to be performed by SoundEarth or subcontractors as they relate to the chemical and physical hazards identified in Sections 5.1 and 5.2 above. The AHAs noted in Section 6.1 are provided in Attachment A. The AHAs contain detailed information and instructions for protecting SoundEarth employees from chemical and physical hazards applicable to this HASP. A summary of the controls specific to the Site is presented in Section 7.0.

6.1 ACTIVITY HAZARD ANALYSES

- Mobilization/Demobilization
- Drilling Observation and Sampling
- Groundwater Well Development
- Groundwater Monitoring
- Utility Locates

7.0 TASK-RELATED SITE HAZARD CONTROLS

The following existing controls are present at the Site:

- The western portion of the Property is developed with a 1.5-story masonry building.
- The eastern portion of the Property is capped with a concrete-paved surface.

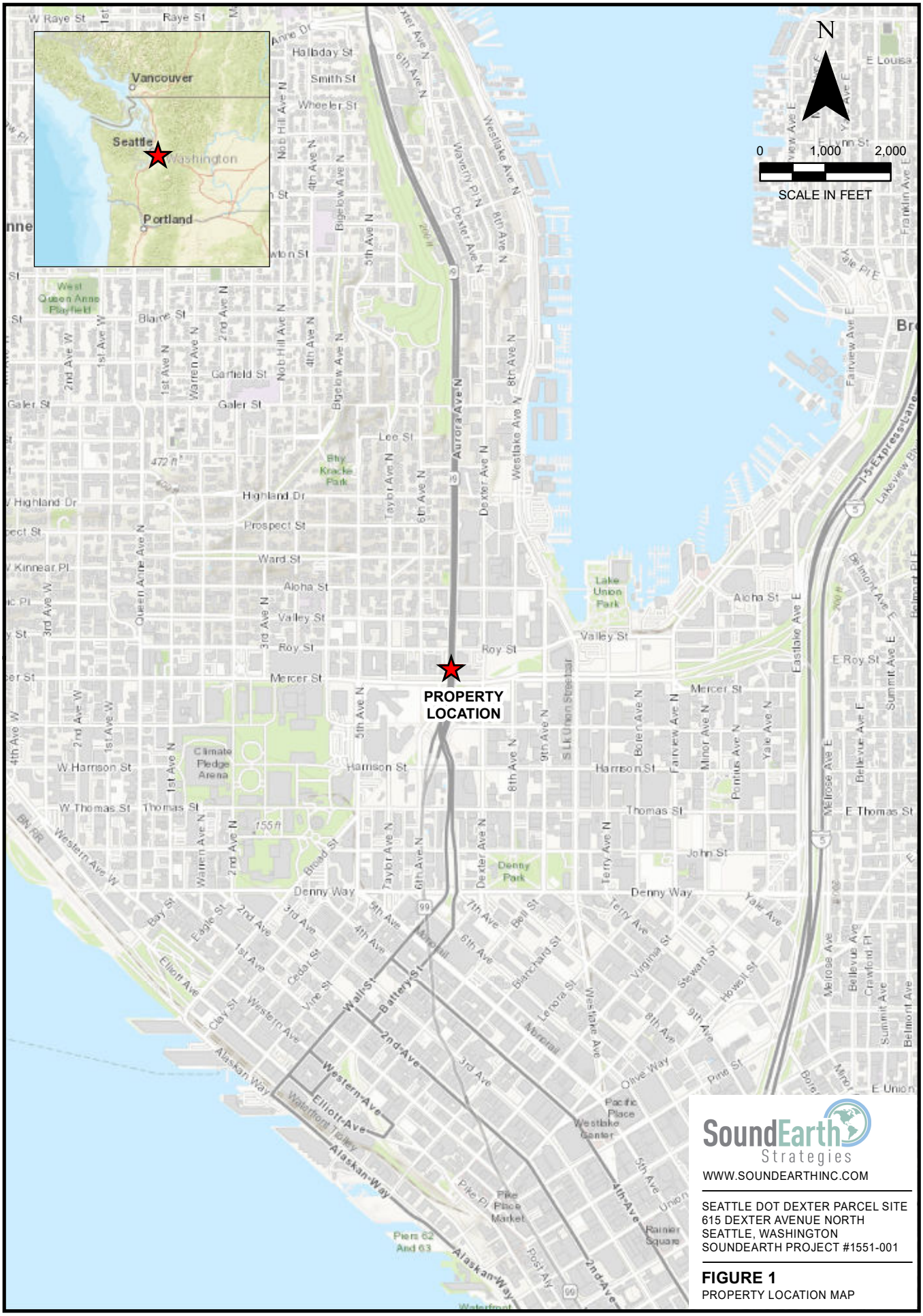
The following controls are required for SoundEarth employees while performing work on the Site:

- **Groundwater monitoring and subsurface investigation events**—Level D PPE, which includes hard hats, steel-toed boots, safety glasses, nitrile gloves, and a reflective safety vest.
- **Traffic control**: Delineators and caution tape supplemented by vehicle barricades, as necessary.

The following controls are recommended for SoundEarth employees while performing work on the Site:

- **COVID-19 mitigation**: Includes maintaining a minimum physical distance of 6 feet between other workers and contractors, wearing nitrile gloves, and wearing a mask. No sharing of equipment or tools.

FIGURES



P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\FIGURE 1\1551-001-2022-PL.MXD

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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE 1
PROPERTY LOCATION MAP

6/15/2022

P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\2022\1551-001-2022-ELM.DWG

701 DEXTER AVENUE NORTH

ROY STREET

N

0 15 30

APPROXIMATE SCALE IN FEET

MW-305 B-309 MW-307 MW-306

21417-GP1

DPP-1

DPP-5

DMW-6

DPP-3

21417-GP3

BB-10

APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION

FORMER PUMP ISLAND

DGW-2

DPP-6

DMW-31A

21417-GP2

615 DEXTER AVENUE NORTH

AURORA AVENUE NORTH

APPROXIMATE 10 FT RETAINING WALL

DMW-7S

DEXTER AVENUE NORTH

DGW-1

DMW-2S

DMW-1S

DMW-8S

DPP-4

DPP-2

POTENTIAL FORMER GREASE SHED

21417-GP4

DGW-3

MW-117

GP-9

DGW-4

21417-GP7

DMW-13S

21417-GP6

DMW-12S

21417-GP5

DMW-14S

DMW-51A

ALLEY

HC-1

DMW-4S

DMW-9S

HC-2

HC-5

MW-1

DMW-11S

GP-8

DMW-10S

HC-3

601 DEXTER AVENUE NORTH

HC-4

GP-7

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL

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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE 2
EXPLORATION LOCATION MAP

ATTACHMENT A
ACTIVITY HAZARD ANALYSES

AHA - Mobilization/Demobilization and Site Preparation

Activity/Work Task:	Mobilization/Demobilization and Site Preparation		
Project Location:	615 Dexter Avenue North Seattle, Washington		
Project Number:	**1551-001**		
Date Prepared:	**06/15/2022**	**Date Accepted:**	**06/16/2022**
Prepared by (Name/Title):	Kyle Lowery, Project Geologist		
Reviewed by (Name/Title):	Chris Cass, Senior Geologist		

Notes: (Field Notes, Review Comments, etc.)

This AHA involves the following:

- Establishing site specific measures

This AHA is not an exhaustive summary of all hazards associated with the Site. Refer to the site HASP for additional requirements. Contractor to follow general site safety controls for Slips Trips and Falls, Biological hazards, cuts lacerations and pinch points, and emergency procedures.

Overall Risk Assessment Code (RAC) (Use highest code) **M**

Risk Assessment Code (RAC) Matrix

Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (See above)

"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.

RAC Chart

- **E = Extremely High Risk**
- **H = High Risk**
- **M = Moderate Risk**
- **L = Low Risk**

Job Steps	Hazards	Controls	RAC
1. Prepare for mobilization	1a) N/A	Prior to leaving for site: ▪ Obtain and review HASP prior to site visit, if possible ▪ Determine PPE needs – bring required PPE to the site, if not otherwise being provided at the site (e.g., steel toed boots) ▪ Determine training and medical monitoring needs and ensure all required Health and Safety training and medical monitoring has been received and is current ▪ Ensure all workers are fit for duty (alert, well rested, and mentally and physically fit to perform work assignment) ▪ If respiratory protection is required/potentially required, ensure that training and fit-testing has occurred within the past year. ▪ Familiarize yourself with route to the site	**L**
	1b) Vehicle defects	Inspect company owned/leased vehicle for defects such as: ▪ Flat tires ▪ Windshield wipers worn or torn ▪ Oil puddles under vehicle ▪ Headlights, brake lights, turn signals not working ▪ Utilize field vehicle checklist	**L**
	1c) Insufficient emergency equipment, unsecured loads	▪ Ensure vehicle has first aid kit ▪ Ensure vehicle is equipped with warning flashers and/or flares and that the warning flashers work ▪ Cell phones are recommended to call for help in the event of an emergency	**L**

AHA - Mobilization/Demobilization and Site Preparation

Job Steps	Hazards	Controls	RAC
		▪ All tools must be properly secured ▪ Vehicles must be equipped with chocks if the vehicle is to be left running, unattended. ▪ Ensure sufficient gasoline is in the tank	
2. Operating vehicles	2a) Collisions, unsafe driving conditions	Drive defensively: ▪ Seat belts must be used at all times when operating any vehicle on company business. ▪ Drive at safe speed for road conditions ▪ Maintain adequate following distance ▪ Pull over and stop in a safe place if you have to look at a map ▪ Try to park so that you don't have to back up to leave. ▪ If backing in required, walk around vehicle to identify any hazards (especially low level hazards that may be difficult to see when in the vehicle) that might be present. Use a spotter if necessary	**M**
3. Driving to the jobsite (mobilization)	3a) Dusty, winding, narrow roads	▪ Drive confidently and defensively at all times. ▪ Go slow around corners, occasionally clearing the windshield.	**M**
	3b) Rocky or one-lane roads	▪ Stay clear of gullies and trenches, drive slowly over rocks. ▪ Yield right-of-way to oncoming vehicles---find a safe place to pull over.	**L**
	3c) Stormy weather, near confused motorists	▪ Inquire about conditions before leaving the office. ▪ Be aware of oncoming storms. ▪ Drive to avoid accident situations created by the mistakes of others.	**L**
	3d) When angry or irritated	▪ Change the subject or work out the problem before driving the vehicle. Let someone else drive.	**M**
	3e) Turning around on narrow roads	▪ Safely turn out with as much room as possible. ▪ Know what is ahead and behind the vehicle. ▪ Use a spotter if available.	**M**
	3f) Sick or medicated	▪ Let others on the crew know you do not feel well. ▪ Let someone else drive.	**M**
	3g) On wet or slimy roads	▪ Drive slow and safe, wear seatbelts.	**M**
	3h) Animals on road	▪ Drive slowly, watch for other animals nearby. ▪ Be alert for animals darting out of wooded areas	**L**
	3i) Overhead power lines	▪ Where overhead lines exist, use spotter to ensure clearance passing under lines. Keep spotter in clear sight. Driver will observe spotter's signals at all times. Utlize an alternate route.	**M**
4. Gain permission to enter site	4a) Hostile landowner, livestock, pets	▪ Talk to land owner, be courteous and diplomatic ▪ Ensure all animals have been secured away from work area	**L**
5. Mobilization/ Demobilization of Equipment and Supplies	5a) Struck by Heavy Equipment/Vehicles	▪ Be aware of heavy equipment operations. ▪ Keep out of the swing radius of heavy equipment. ▪ Ground personnel in the vicinity of heavy equipment operations will be within the view of the operator at all times ▪ Employees shall wear a high visibility vest or T-shirt (reflective vest required if working at night). ▪ Ground personnel will be aware of the counterweight swing and maintain an adequate buffer zone. ▪ Ground personnel will not stand directly behind heavy equipment when it is in operation.	**M**
	5b) Struck by Equipment/Supplies	▪ Workers will maintain proper space around their work area, if someone enters it, stop work. ▪ When entering another worker's work space, give a verbal warning and establish eye contact so they know you are there.	**M**
	5c) Overexertion Unloading/Loading Supplies	▪ Train workers on proper body mechanics, do not bend or twist at the waist while exerting force or lifting.	**M**

AHA - Mobilization/Demobilization and Site Preparation

Job Steps	Hazards	Controls	RAC
		▪ Tightly secure all loads to the truck bed to avoid load shifting while in transit.	
	5d) Slip/Trip/Fall	▪ Mark all holes and low spots in area with banner tape. Instruct personnel to avoid these areas. ▪ Drivers will maintain 3 point contact when mounting/dismounting vehicles/equipment. ▪ Drivers will check surface before stepping, not jumping down.	**L**
	5e) Vehicle accident	▪ Employees should follow vehicle operation policy and be aware of all stationary and mobile vehicles. Utilize defensive driver techniques.	**L**
6. Site Preparation	6a) Slip/Trip/Fall	▪ Mark all holes and low spots in area with banner tape. Instruct personnel to avoid these areas	**L**
7. Installation of soil erosion and sediment controls	7a) Overexertion	▪ Workers will be trained in the proper method of placing erosion controls. ▪ Do not bend and twist at the waist while lifting or exerting force.	**M**
	7b) Struck by Equipment/Supplies	▪ Workers will maintain proper space around their work area, if someone enters it, stop work. ▪ When entering another worker's work space, give a verbal warning so they know you are there.	**M**
8. Driving back from the jobsite	7c) See hazards listed under item #3	See safe work practices under item #3	**M**

Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements
Hand tools, field vehicle	**Competent / Qualified Personnel:** Names provided in HASP **Training requirements:** Site Specific HASP review Daily Tailgate Health and Safety meeting	Daily inspection of vehicle and equipment per manufacturer's instructions. Tag tools that are defective and remove from service. Inform Corporate Administrative Officer of any vehicle issues. Inspect all PPE prior to use

AHA – Drilling Observation and Sampling

Activity/Work Task:	Drilling Observation and Sampling		
Project Location:	615 Dexter Avenue North Seattle, Washington		
Project Number:	**1551-001**		
Date Prepared:	**06/15/2022**	**Date Accepted:**	**06/16/2022**
Prepared by (Name/Title):	Kyle Lowery, Project Geologist		
Reviewed by (Name/Title):	Chris Cass, Senior Geologist		

Overall Risk Assessment Code (RAC) (Use highest code): **M**

Risk Assessment Code (RAC) Matrix

Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L

Notes: (Field Notes, Review Comments, etc.)

This AHA involves the following:

- Establishing site-specific measures

This AHA is not an exhaustive summary of all hazards associated with the Site. Refer to the site HASP for additional requirements. Contractor to follow general site safety controls for Slips Trips and Falls, Biological hazards, cuts lacerations and pinch points, and emergency procedures.

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (See above)

"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.

RAC Chart

- **E = Extremely High Risk**
- **H = High Risk**
- **M = Moderate Risk**
- **L = Low Risk**

Job Steps	Hazards	Controls	RAC
1. Perform Site Walk upon arrival	1A) Site hazards or conditions not identifed in the HASP	• Perform site walks daily or if conditions change to identify hazards. • Communicate what is found to site personnel at the tailgate safety meeting. • Correct what you can safely. • Discuss how to accomplish the corrections safely. • Call the PM if more assistance, equipment, or PPE is needed to correct any issues. • Notify the PM of all changes.	L
2. Establish Work Zone(s) and set up tools, equipment and sampling containers	2A) Equipment failure 2B) Site security 2C) Slips, trips, falls 2D) Struck by heavy equipment 2E) Drilling Inside a building (exhaust hazard)	• Perform equipment and tool checks per the mobilization/demobilization AHA and calibrate any equipment per the manufacturer instructions. • Utilize appropriate site control devices such as cones, vehicle or caution tape per HASP, or site needs to delineate your work zone. • Don't leave tools or equipment on the ground to prevent tripping hazards. • Discuss the order of sampling locations with the driller and ensure you are out of the way while they set up and move between locations. • Setup in the support zone at least 15 feet away from the drill rig and consider earthquake safety, exit routes, and likely radius and direction of any drill rig equipment failure when selecting the support zone location.	L

AHA – Drilling Observation and Sampling

3. Complete boring or monitoring well locations and collect soil samples	3A) Slips, trips, falls 3B) muscle strain or sprain 3C) Cross contamination 3D) Strike utilities 3E) Struck by heavy equipment 3F) Chemical actions levels exceeded 3G) Equipment leak 3H) Contact with chemicals	• Always watch your footing. ▪ Slow down and use extra caution around logs, rocks, and animal holes. ▪ Morning dew on grass and weeds makes slopes or smooth surfaces slippery. ▪ Wear laced boots with a minimum 6" high upper and non-skid Vibram-type soles for ankle support and traction. Lug soles for natural surfaces. • Use plastic to protect the ground or table from soil that is generated and don't place sample containers or lids on the ground. • Perform public locate at least two days prior to boring. Utilize a private locate services for borings advanced on private property. • Discuss boring locations with the equipment operator, determine a safe spot to stand and how you will approach the operator to communicate. Do not approach the operator if you do not have eye contact or hand signals indicating it is safe to approach. • Ensure all boring locations are backfilled or covered to protect against falls. • Monitor the air sampling equipment, such as the Photoionization detector (PID) for action levels per the chemicals of concern listed in the HASP. • Ensure a spill kit is present in the exclusion zone so in the event of a spill, the driller and support personnel can react quickly to shut off the rig and contain the spill. • Utilize chemical resistant gloves while sampling soil, groundwater, or handling sampling containers, especially those that may contain an acid preservative. Level D PPE should be utilized at all times while onsite. • Ensure the exhaust of the drill rig operating inside a building is routed to the exterior using hoses or is adequately close to a large opening to the outdoors that it doesn't create exhaust in the building interior.	**M**
4. Demobilize	4A) Slips, trips, falls 4B) Site security 4C) Left equipment or sample containers on site 4D) Strain or sprain	• Ensure tools, equipment and samples are put away promptly and securely per the mobilization/demobilization AHA. If there are any property fences or doors that need to be secured, check that all entry points are secured. • Check the work area before you leave to ensure conditions are safe if someone were to access the area and that equipment and samples were not left inadvertently. • When moving equipment or sample coolers, ensure you lift with your legs, not your back or get a buddy to assist with heavy items.	**L**

Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements
1. Level D PPE 2. PID	**Competent / Qualified Personnel:** **Listed in the HASP** **Training requirements:** Site Specific HASP Orientation Daily Tailgate Health and Safety Checklist	Daily inspection of equipment per manufacturer's instructions. Tag tools that are defective and remove from service. Inspect all PPE prior to use

AHA – Groundwater Well Development

Activity/Work Task:	Groundwater Monitoring		
Project Location:	615 Dexter Avenue North Seattle, Washington		
Project Number:	**1551-001**		
Date Prepared:	**06/15/2022**	**Date Accepted:**	**06/16/2022**
Prepared by (Name/Title):	Kyle Lowery, Project Geologist		
Reviewed by (Name/Title):	Chris Cass, Senior Geologist		

Overall Risk Assessment Code (RAC) (Use highest code) **L**

Risk Assessment Code (RAC) Matrix

Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L

Notes: (Field Notes, Review Comments, etc.)

This AHA involves the following:

- Establishing site-specific measures

This AHA is not an exhaustive summary of all hazards associated with the Site. Refer to the site HASP for additional requirements. Follow general site safety controls for Slips Trips and Falls, Biological hazards, cuts lacerations and pinch points, and emergency procedures.

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (See above)

"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.

RAC Chart

- **E = Extremely High Risk**
- **H = High Risk**
- **M = Moderate Risk**
- **L = Low Risk**

Job Steps	Hazards	Controls	RAC
1 Perform Site Walk upon arrival	1 Site hazards or conditions not identifed in the HASP	1 Perform site walks daily or if conditions change to identify hazards. • Communicate what is found to site personnel at the tailgate safety meeting. • Correct what you can safely. • Discuss how to accomplish the corrections safely. • Call the PM if more assistance, equipment, or PPE is needed to correct any issues. • Notify the PM of all changes.	L
2 Establish Work Zone(s) and set up tools, equipment and sampling containers	1 Equipment failure 2 Site security 3 Slips, trips, falls	1 Perform equipment and tool checks per the mobilization/demobilization AHA and calibrate any equipment per the manufacturer instructions. 2 Utilize appropriate site control devices such as cones, vehicle or caution tape per HASP or site needs to delineate your work zone. Check in with building tenant. 3 Don't leave tools or equipment on the ground to prevent tripping hazards.	L
3 Conduct well development by surging and purging water from well	1 Slips, trips, falls 2 Muscle strain or sprain 3 Cross contamination 4 Struck by heavy equipment or vehicles	1 Always watch your footing. ▪ Wear laced boots with a minimum 6" high upper and non-skid Vibram-type soles for ankle support and traction. Lug soles for natural surfaces.	L

AHA – Groundwater Well Development

	5 Cross contamination 6 Contact with chemicals	2 Use your legs and avoid using your back while opening well lids and surging the well casing. Use the correct tool for the job. When moving equipment, ensure you lift with your legs, not your back or get a buddy to assist with heavy items. 3 Clean the water level meter between all monitoring well locations. 4 Be aware of your surroundings and any vehicle hazards that may be present onsite and ensure your work zone is adequately delineated while mobilizing to all site wells. 5 Clean the water level meter, surge block, and development equipment between all well locations. Develop from cleanest to dirtiest locations, if possible. 6 Wear chemical resistant PPE and all Level D as described in the HASP to prevent contact with contaminants in groundwater.	
4 Demobilize	1 Site security 2 Left equipment or sample containers onsite 3 Strain or sprain	1 Ensure tools, equipment and samples are put away promptly and securely per the mobilization/demobilization AHA. If there are any property fences or doors that need to be secured, check that all entry points are secured. 2 Check the work area before you leave to ensure conditions are safe if someone were to access the area and that equipment and samples were not left inadvertently. Ensure all site trash generated is properly disposed of. 3 When moving equipment or sample coolers, ensure you lift with your legs, not your back or get a buddy to assist with heavy items.	**L**

Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements
1. Level D PPE 2. Water level meter 3. Surge block 4. Whale pump 5. 12-volt battery	**Competent / Qualified Personnel:** **Personnel listed in HASP.** **Training requirements:** Site Specific HASP Orientation Daily Tailgate Health and Safety Checklist	Daily inspection of equipment per manufacturer's instructions. Tag tools that are defective and remove from service. Inspect all PPE prior to use

AHA – Groundwater Monitoring

Activity/Work Task:	Groundwater Monitoring		
Project Location:	615 Dexter Avenue North Seattle, Washington		
Project Number:	**1551-001**		
Date Prepared:	**06/15/2022**	**Date Accepted:**	**06/16/2022**
Prepared by (Name/Title):	Kyle Lowery, Project Geologist		
Reviewed by (Name/Title):	Chris Cass, Senior Geologist		

Overall Risk Assessment Code (RAC) (Use highest code): **L**

Risk Assessment Code (RAC) Matrix

Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L

Notes: (Field Notes, Review Comments, etc.)

This AHA involves the following:

- Establishing site-specific measures

This AHA is not an exhaustive summary of all hazards associated with the Site. Refer to the site HASP for additional requirements. Follow general site safety controls for Slips Trips and Falls, Biological hazards, cuts lacerations and pinch points, and emergency procedures.

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (See above)

"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.

RAC Chart

- **E = Extremely High Risk**
- **H = High Risk**
- **M = Moderate Risk**
- **L = Low Risk**

Job Steps	Hazards	Controls	RAC
1 Perform Site Walk upon arrival	1 Site hazards or conditions not identifed in the HASP	1 Perform site walks daily or if conditions change to identify hazards. • Communicate what is found to site personnel at the tailgate safety meeting. • Correct what you can safely. • Discuss how to accomplish the corrections safely. • Call the PM if more assistance, equipment, or PPE is needed to correct any issues. • Notify the PM of all changes.	L
2 Establish Work Zone(s) and set up tools, equipment and sampling containers	1 Equipment failure 2 Site security 3 Slips, trips, falls	1 Perform equipment and tool checks per the mobilization/demobilization AHA and calibrate any equipment per the manufacturer instructions. 2 Utilize appropriate site control devices such as cones, vehicle or caution tape per HASP or site needs to delineate your work zone. Check in with building tenant. 3 Don't leave tools or equipment on the ground to prevent tripping hazards.	L
3 Conduct depth to water measurements	1 Slips, trips, falls 2 Muscle strain or sprain	1 Always watch your footing. ▪ Wear laced boots with a minimum 6" high upper and non-skid Vibram-type soles for ankle support and traction. Lug soles for natural surfaces.	L

AHA – Groundwater Monitoring

	3 Cross contamination 4 Struck by heavy equipment or vehicles	2 Use your legs and avoid using your back while opening well lids. Use the correct tool for the job. 3 Clean the water level meter between all measuring locations. 4 Be aware of your surroundings and any vehicle hazards that may be present onsite and ensure your work zone is adequately delineated while mobilizing to all site wells.	
4 Collect groundwater samples per the project work plan	1 Site security 2 Left equipment or sample containers onsite 3 Strain or sprain 4 Cross contamination 5 Contact with chemicals	1 Be aware of your surroundings and any vehicle hazards that may be present onsite and ensure your work zone is adequately delineated while mobilizing to all site wells. 2 Check the work area before you leave to ensure conditions are safe if someone were to access the area and that equipment and samples were not left inadvertently. 3 Use your legs and avoid using your back while opening well lids. Use the correct tool for the job. When moving equipment or sample coolers, ensure you lift with your legs, not your back or get a buddy to assist with heavy items. 4 Clean the water level meter and all sampling equipment between all well locations. Collect samples from cleanest to dirtiest locations, if possible. 5 Wear chemical resistant PPE and all Level D as described in the HASP to prevent contact with contaminants in groundwater and acid preservatives in sampling containers.	**L**
5 Demobilize	1 Site security 2 Left equipment or sample containers onsite 3 Strain or sprain	1 Ensure tools, equipment and samples are put away promptly and securely per the mobilization/demobilization AHA. If there are any property fences or doors that need to be secured, check that all entry points are secured. 2 Check the work area before you leave to ensure conditions are safe if someone were to access the area and that equipment and samples were not left inadvertently. Ensure all site trash generated is properly disposed of. 3 When moving equipment or sample coolers, ensure you lift with your legs, not your back or get a buddy to assist with heavy items.	**L**

Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements
1. Level D PPE 2. Water level meter 3. Water quality meter 4. Turbidity meter	**Competent / Qualified Personnel:** **Personnel listed in HASP.** **Training requirements:** Site Specific HASP Orientation Daily Tailgate Health and Safety Checklist	Daily inspection of equipment per manufacturer's instructions. Tag tools that are defective and remove from service. Inspect all PPE prior to use

AHA – Utility Locates

Activity/Work Task:	Utility Locates		
Project Location:	615 Dexter Avenue North Seattle, Washington		
Project Number:	**1551-001**		
Date Prepared:	**06/15/2022**	**Date Accepted:**	**06/16/2022**
Prepared by (Name/Title):	Kyle Lowery, Project Geologist		
Reviewed by (Name/Title):	Chris Cass, Senior Geologist		

Overall Risk Assessment Code (RAC) (Use highest code): **M**

Risk Assessment Code (RAC) Matrix

Severity	Probability				
	Frequent	Likely	Occasional	Seldom	Unlikely
Catastrophic	E	E	H	H	M
Critical	E	H	H	M	L
Marginal	H	M	M	L	L
Negligible	M	L	L	L	L

Notes: (Field Notes, Review Comments, etc.)

This AHA involves the following:

- Establishing site-specific measures

This AHA is not an exhaustive summary of all hazards associated with the Site. Refer to the site HASP for additional requirements. Follow general site safety controls for Slips Trips and Falls, Biological hazards, cuts lacerations and pinch points, and emergency procedures.

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (See above)

"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.

RAC Chart

- **E = Extremely High Risk**
- **H = High Risk**
- **M = Moderate Risk**
- **L = Low Risk**

Job Steps	Hazards	Controls	RAC
1 Perform Site Walk upon arrival	1 Site hazards or conditions not identifed in the HASP	1 Perform site walks daily or if conditions change to identify hazards. • Communicate what is found to site personnel at the tailgate safety meeting. • Correct what you can safely. • Discuss how to accomplish the corrections safely. • Call the PM if more assistance, equipment, or PPE is needed to correct any issues. • Notify the PM of all changes.	L
2 Mark out public utility locate with white paint on public roadway or sidewalk	1 Site security 2 Slips, trips, falls 3 Struck by heavy equipment or vehicles 4 Muscle strain or sprain 5 Contact with chemicals	1 Be aware of your surroundings and the nature of the area and any hazards that may be present onsite and ensure your work zone is adequately delineated while mobilizing to all marking locations. Utilize appropriate site control devices such as cones, vehicle with hazard lights activated or caution tape per HASP or site needs to delineate your work zone. 2 Don't leave tools or equipment on the ground to prevent tripping hazards. Watch out for curbs or uneven ground surface in work areas. 3 Be aware of your surroundings and any vehicle hazards that may be present onsite and ensure your work zone is adequately delineated while marking locations. Always wear high visibilty clothing when working in or near a roadway. 4 Use your legs and avoid using your back while marking spray paint to the ground. Consider using a marking paint wand to avoid leaning over.	M

AHA – Utility Locates

		5 Avoid inhaling fumes from marking paint by standing upwind. Always point can away from yourself. Utilize nitrile gloves if paint can come into contact with skin and safety glasses. Carry SDS for the paint type you are using.	
3 Conduct private utilty locate with locate contractor	1 Site Security 2 Slips, trips, falls 3 Struck by heavy equipment or vehicles	1. Be aware of your surroundings and the nature of the area and any hazards that may be present onsite and ensure your work zone is adequately delineated while mobilizing to all marking locations. Utilize appropriate site control devices such as cones, vehicle with hazard lights activated or caution tape per HASP or site needs to delineate your work zone. 2. Watch out for curbs or uneven ground surfaces. Don't leave tools or equipment on the ground to prevent tripping hazards. 3. Be aware of your surroundings and any vehicle hazards that may be present onsite and ensure your work zone is adequately delineated while marking locations. Always wear high visibilty clothing when working near a roadway. Observe the marking locations of the utility locator, but also pay attention to surroundings to ensure no vehicles or equipment is approaching the work area. Stay out of roadways.	**L**
4 Demobilize	1 Site security 2 Left equipment onsite	1 Ensure tools, equipment and samples are put away promptly and securely per the mobilization/demobilization AHA. If there are any property fences or doors that need to be secured, check that all entry points are secured. 2 Check the work area before you leave to ensure conditions are safe if someone were to access the area and that equipment were not left inadvertently. Ensure all site trash generated is properly disposed of.	**L**

Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements
1. Level D PPE 2. Delineators / Cones 3. Spray Paint	**Competent / Qualified Personnel:** Personnel listed in HASP **Training requirements:** Site Specific HASP Orientation Daily Tailgate Health and Safety Checklist	Daily inspection of equipment per manufacturer's instructions. Tag tools that are defective and remove from service. Inspect all PPE prior to use

ATTACHMENT B

ACKNOWLEDGMENT AND AGREEMENT FORM

ACKNOWLEDGMENT AND AGREEMENT FORM

Project Name:_____

Project Number:_____

I acknowledge that I have reviewed a copy of the Health and Safety Plan for this project, that I understand it, and that I agree to comply with all of its provisions. I also understand that I could be prohibited by the Site Manager/Health and Safety Officer or other SoundEarth personnel from working on this project if I fail to comply with any aspect of this Health and Safety Plan:

Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*
Name	*Signature*	*Company*	*Date*

ATTACHMENT C

DAILY HEALTH AND SAFETY BRIEFING LOG

SoundEarth Strategies

DAILY HEALTH AND SAFETY TAILGATE MEETING FORM

Project Number:	Date:
Site Safety Officer:	Time:
Project Address:	

Scope of Work:

Subjects Discussed:

☐	Slips, trips and falls	☐	Excavation/trenching safety
☐	PPE	☐	Overhead and underground utilities
☐	COCs	☐	Ladder safety
☐	Site control and visitors	☐	Hand tool safety
☐	Weather exposure, hydration	☐	Emergency meeting locations
☐	Traffic and moving equipment	☐	Hospital location and 911
☐	Heavy equipment	☐	Eyewash/fire extinguisher locations
☐	Lifting techniques	☐	Spill kit location
☐	Air quality	☐	First aid kit locations
☐	Noise	☐	General contractor-specific safety items
☐	COVID-19 Risk Level and Mitigation	☐	Other:

Additional Notes:

Attendees:

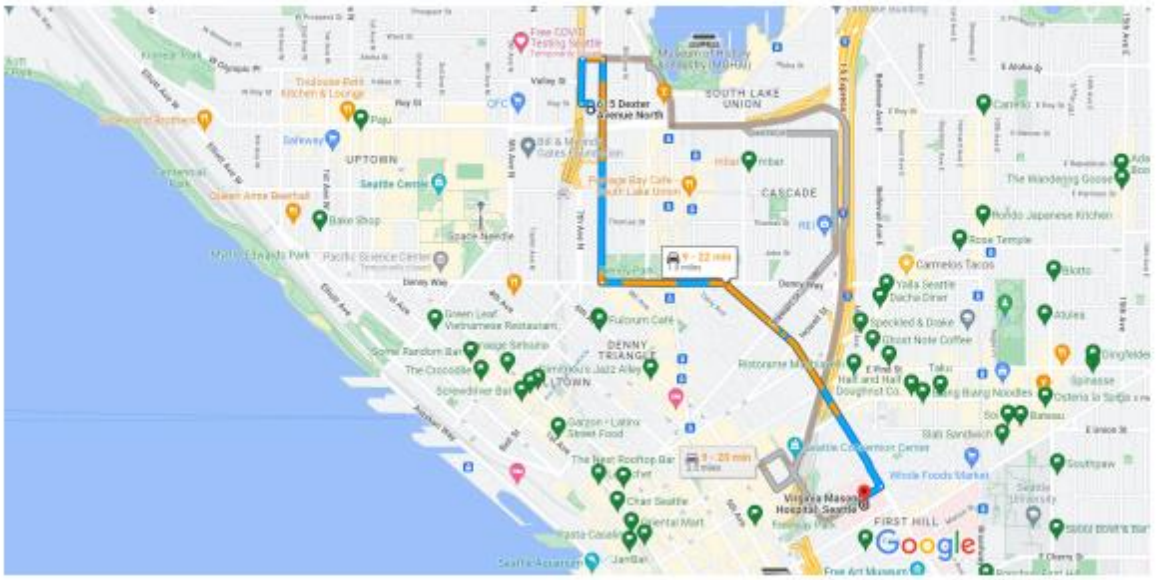
Print Name	

ATTACHMENT D
HOSPITAL ROUTE

Google Maps

615 Dexter Ave N, Seattle, WA 98109 to Virginia Mason Hospital: Seattle

Drive 1.9 miles, 9 - 22 min



Map data ©2022 Google 1000 ft

615 Dexter Ave N
Seattle, WA 98109

Take Roy St to Aurora Ave N

31 s (236 ft)

1. Head north toward Roy St

98 ft

2. Turn left onto Roy St

138 ft

Take Dexter Ave N and Boren Ave to Seneca St

10 min (1.8 mi)

3. Turn right onto Aurora Ave N

0.1 mi

4. Turn right onto Aloha St

289 ft

5. Turn right at the 1st cross street onto Dexter Ave N
   Pass by Holiday Inn Seattle Downtown - Lake Union, an IHG Hotel (on the right in 0.5 mi)

0.6 mi

6. Turn left onto Denny Way

0.3 mi

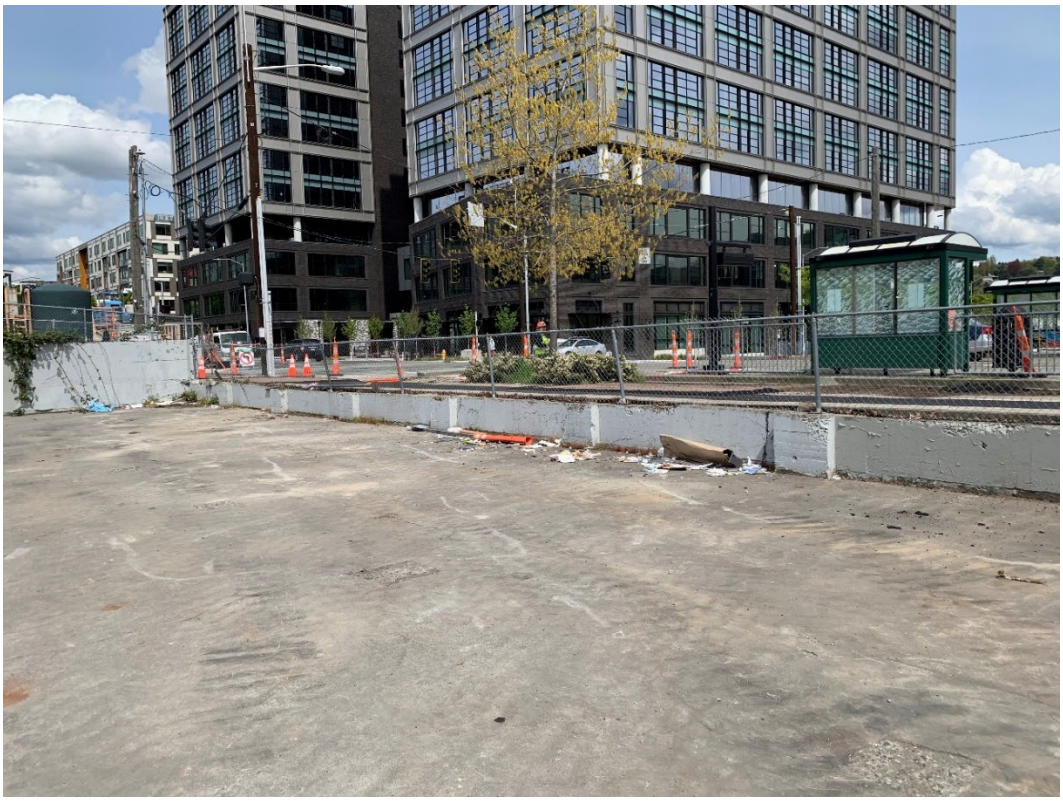
APPENDIX B

SAMPLING AND ANALYSIS PLAN AND QUALITY ASSURANCE PROJECT PLAN

SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

FINAL SAMPLING AND ANALYSIS PLAN AND QUALITY ASSURANCE PROJECT PLAN

APPENDIX B OF PRE-REMEDIAL DESIGN INVESTIGATION WORK PLAN



Property:
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Facility Site ID: 81735
Cleanup Site ID: 14785

Prepared for:
Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington

November 11, 2022

Final Sampling and Analysis Plan and Quality Assurance Project Plan

Appendix B of Pre-Remedial Design Investigation Work Plan

Prepared for:

Washington State Department of Ecology
Northwest Region Toxics Cleanup Program
15700 Dayton Avenue North
Shoreline, Washington 98133

Property:

Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington 98109
Facility Site ID: 81735
Cleanup Site ID: 14785

Project No.: 1551-001-04

Prepared by:

Chris G. Cass, LG
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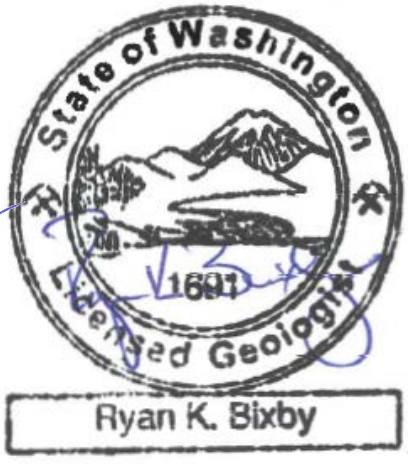

November 11, 2022

SoundEarth Strategies

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ACRONYMS AND ABBREVIATIONS

ASTM	ASTM International
COC	constituents of concern
DQO	data quality objectives
Ecology	Washington State Department of Ecology
EDR	engineering design report
EPA	US Environmental Protection Agency
F&BI	Friedman & Bruya, Inc. of Seattle, Washington
Fremont Analytical	Fremont Analytical of Seattle, Washington
FC	field coordinator
HASP	Health and Safety Plan
ID	identifier
ISEB	in situ enhanced bioremediation
mL	milliliter
MNA	monitored natural attenuation
MTCA	Washington State Model Toxics Control Act
NAVD88	North American Vertical Datum of 1988
NWTPH	Northwest Total Petroleum Hydrocarbon
ORP	oxidation-reduction potential
PID	photoionization detector
the Property	Seattle DOT Dexter Parcel site, King County Parcel No. 224900-0120, which is located at 615 Dexter Avenue North in Seattle, Washington
PQL	practical quantitation limit
PRDI	Pre-Remedial Design Investigation
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RPD	relative percent difference
SAP	Sampling and Analysis Plan
the Site	a portion of King County Parcel No. 224900-0120 and a south-adjacent alley where hazardous substances were released or have come to be located from historical on-Site gasoline service station operations
SoundEarth	SoundEarth Strategies, Inc.
VOA	volatile organic analysis
WAC	Washington Administrative Code

1.0 INTRODUCTION

SoundEarth Strategies, Inc. (SoundEarth) has prepared this Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) for the Seattle DOT Dexter Parcel Site (the Site), which is located on or adjacent to the property located at 615 Dexter Avenue North in Seattle, Washington (the Property; Figure B-1).

The Site encompasses a portion of King County Parcel No. 224900-0120 and a south-adjacent alley where hazardous substances were released or have come to be located from historical on-Site gasoline service station operations.

The Property consists of King County Parcel No. 224900-0120. The Property is composed of approximately 24,192 square feet (0.56 acre) of land currently developed with a warehouse building constructed in 1926 and surface parking lots. The Property is bound to the north by Roy Street, to the east by Dexter Avenue North, to the south by a City of Seattle–owned alley, and to the west by Aurora Avenue North.

1.1 SAMPLING AND ANALYSIS PLAN AND QUALITY ASSURANCE PROJECT PLAN PURPOSE AND OBJECTIVES

The purpose of the SAP and QAPP is to describe the sample collection, handling, and analysis procedures to be implemented during the Pre-Remedial Design Investigation (PRDI) in accordance with Section 820 of Chapter 173-340 of the Washington Administrative Code (WAC 173-340-820). This SAP and QAPP identifies specific sampling and analysis protocols, the project schedule, and organization and responsibilities. The SAP and QAPP provides detailed information regarding the sampling and data quality objectives (DQOs), sample locations, sampling frequency, equipment, and procedures to be used during the cleanup action; sample handling and analysis; procedures for management of waste; quality assurance protocols for field activities and laboratory analysis; and reporting requirements.

1.2 SAMPLING AND ANALYSIS PLAN AND QUALITY ASSURANCE PROJECT PLAN ORGANIZATION

The SAP and QAPP is organized into the following sections:

- **Section 2.0, Project Organization and Management.** This section presents the project team, including field personnel and management.
- **Section 3.0, Pre-Remedial Design Investigation Work Plan Field Program.** This section presents the cleanup action objectives, project schedule, and construction activity summary.
- **Section 4.0, Sampling Design and Rationale.** This section identifies and provides justification for the sampling locations.
- **Section 5.0, Sample Handling and Quality Control Procedures.** This section describes the sample handling techniques and quality assurance procedures that will be followed during the cleanup action.
- **Section 6.0, Analytical Testing.** This section describes the type and number of sample analyses that will be conducted on soil and groundwater samples during the cleanup action.
- **Section 7.0, Management of Investigation-Derived Waste.** This section provides details on handling and disposal procedures that will be implemented during the cleanup action.

- **Section 8.0, Data Quality Objectives.** This section summarizes the DQOs that will need to be met to ensure the validity of the analytical results, data validation, and data management.
- **Section 9.0, Data Collection.** This section summarizes how data will be managed during the cleanup action, including review, validation, and data inventory.
- **Section 10.0, Quality Control Procedures.** This section provides details regarding the quality control procedures for both field activities and laboratory analysis.
- **Section 11.0, Documentation and Records.** This section outlines the documentation that will be prepared during the cleanup action.
- **Section 12.0, Health and Safety Procedures.** This section summarizes the health and safety procedures outlined in the Site-specific Health and Safety Plan (HASP; Appendix A of the PRDI Work Plan).

2.0 PROJECT ORGANIZATION AND MANAGEMENT

The cleanup action is being conducted on behalf of 615 Dexter, LLC. This section describes the overall project management strategy for implementing the cleanup action.

To ensure efficient decision-making for field sampling and laboratory analysis, key data collection decisions, decision criteria, processes for decision-making, quality assurance/quality control (QA/QC) procedures, and responsibilities are described below. These decision and communication plans will be followed by field personnel under direction of the field coordinator (FC) and task manager. Site quality control to ensure proper communication and adherence to this SAP and QAPP is discussed in Section 9.0.

A summary of key personnel roles and responsibilities are provided in Table B-1. The following key project roles have been identified for the project:

- **Regulatory Agency.** The Washington State Department of Ecology (Ecology) is the lead regulatory agency for the Site. The planned cleanup action for the Site will be conducted in accordance with the Prospective Purchaser Consent Decree (State of Washington King County Superior Court 2022).
- **Property Owner.** The Property owner is the main property contact.
- **Project Principal.** The project principal from SoundEarth provides support for project activities and reviews data and deliverables before submittal to the project contact or regulatory agency.
- **Project Manager.** The SoundEarth project manager has overall responsibility for developing the SAP and QAPP, monitoring the quality of the technical and managerial aspects of the cleanup action, and implementing the SAP and QAPP and corresponding corrective measures, where necessary.
- **Laboratory Project Manager.** The laboratory project manager will provide analytical support and will be responsible for providing certified, pre-cleaned sample containers and sample preservatives (as appropriate) and for ensuring that all chemical analyses meet the project quality specifications detailed in this SAP and QAPP. Friedman & Bruya, Inc. and Fremont Analytical of Seattle, Washington (F&BI and Fremont, respectively), have been selected by SoundEarth to perform the chemical and physical analysis for soil and groundwater samples collected during the PRDI.

- **Project QA/QC Officer.** The project QA/QC officer has the responsibility to monitor and verify that the work is performed in accordance with the SAP and QAPP and other applicable procedures. The project QA/QC officer has the responsibility to assess the effectiveness of the QA/QC program and to recommend modifications to the program when applicable. The project QA/QC officer is responsible for ensuring that the personnel assigned to the project are trained relative to the requirements of the QA/QC program and for reviewing and verifying the disposition of nonconformance and corrective action reports.
- **Field Coordinator.** The FC will supervise field collection of all samples. The FC will ensure proper recording of sample locations, depths, and identification; sampling and handling requirements, including field decontamination procedures; physical evaluation and logging of samples; and completing the Sample Chain of Custody form. The FC will ensure that all field staff follow the SAP and QAPP; that the physical evaluation and logging of soil is based on ASTM International (ASTM) D2488, Visual-Manual Procedure, which describes the visual-manual classification method; and that standardized methods for sample acceptability and physical description of samples are followed. The FC will ensure that field staff maintain records of field sampling events using the forms included as Attachment A. The FC will be responsible for proper completion and storage of field forms.
- **Field Staff.** Field staff members must understand and implement the QA/QC program, coordinate and participate in the field sampling activities, coordinate sample deliveries to the laboratory, and report any deviations from project plans as they relate to the cleanup action objectives presented in this SAP and QAPP. Major deviations from the SAP and QAPP, such as the inability to collect a sample from a specific sampling location, obtainment of an insufficient sample volume for the required analyses, or a change in sampling method, must be reported to the project manager.
- **Subcontractors.** All subcontractors will follow the protocols outlined in this SAP and QAPP and will be overseen and directed by SoundEarth. Subcontractors are to be determined.

3.0 PRE-REMEDIAL DESIGN INVESTIGATION WORK PLAN FIELD PROGRAM

The PRDI Work Plan has been prepared to satisfy requirements of the Propsective Purchaser Consent Decree and to describe the investigation activities needed to prepare the engineering design report (EDR) for the cleanup action at the Site.

The primary objectives of the PRDI, to assist in completion of the EDR, include the following:

- Collection of additional groundwater data from the south-adjacent alley to further characterize the current extent and characteristics of petroleum hydrocarbon impacts in that area.
- Collection of additional data necessary for evaluation of monitored natural attenuation (MNA) and to support development of the MNA component of the cleanup action. Additional groundwater elevation data is also needed to evaluate groundwater flow conditions in the Site area.
- Collect additional data to support the evaluation and design for an in situ enhanced bioremediation (ISEB) treatment injection plan for the south-adjacent alley. Data obtained from implementation of the PRDI Work Plan will be used for review by Regenesis for the estimation of Oxygen Release Compound Advanced dosage requirements.

3.1 FIELD ACTIVITY SUMMARY

A detailed description of the PRDI, including field activities, is included in Section 4.0 of the PRDI Work Plan.

3.2 PROJECT SCHEDULE

The project schedule is described in Section 6.0 of the Cleanup Action Plan and in Table B-2. A schedule extension request for submittal of the agency review draft of the PRDI Work Plan to June 24, 2022, was requested and approved by Ecology on April 25, 2022.

4.0 SAMPLING DESIGN AND RATIONALE

4.1 SOIL SAMPLING

Soil borings are planned to be advanced in the south-adjacent alley for the installation of new monitoring wells SES-MW01S and SES-MW02S. Soil samples are planned to be collected from similar elevations as borings DMW-1S, HC-1, and DMW-4S in the planned borings for new monitoring wells SES-MW01S and SES-MW02S to be consistent with samples collected from those previously advanced borings.

Select soil samples will be collected and analyzed using a US Environmental Protection Agency (EPA)–accredited laboratory to evaluate the current environmental quality of soil at the locations of planned monitoring wells SES-MW01S and SES-MW02S (Figure B-2). Soil samples will be collected and analyzed from approximately the same elevations as samples previously collected from borings DMW-1S, HC-1, and DMW-4S that contained constituents of concern (COCs), specifically at elevations of 45.94, 43.44, 40.94, 37.33, 36.76, and 32.33 feet North American Vertical Datum of 1988 (NAVD88).

4.1.1 Soil Sample Collection and Handling Procedures

During advancement of borings, soil samples will be collected and logged in accordance with a modification of ASTM D-2488. Soil samples will be field screened for indications of the presence or absence of contamination using visual and olfactory observations and soil vapor headspace analysis. Soil vapor headspace analysis will be conducted by placing soil in a plastic bag, allowing the sample to warm for several minutes, and recording the highest total volatile organic compound concentration detected over a 30-second period using a photoionization detector (PID). The PID will be calibrated daily using 100 parts per million of isobutylene calibration gas, and bump tests may be performed as needed during soil sample screening. The Information obtained during soil sampling will be recorded on boring log forms and will include, at a minimum, sample location (as measured relative to a fixed structure at the Site), sample depth, lithology description, soil moisture, and field-screening data.

Soil samples will be collected both at a minimum frequency of one sample per 5 vertical feet and from the same elevations as samples previously collected from borings DMW-1S, HC-1, and DMW-4S that contained COCs. Additional soil samples prepared for submittal to the analytical laboratory will be placed on hold and analyzed as warranted based on the initial analytical data set.

Soil samples will be collected from a decontaminated split-spoon sampling device during soil drilling activities. Information logged during soil sampling, including sample depth, a description of soil characteristics based on method ASTM D-2488, soil moisture content, observations of physical indications of contamination (e.g., odors, staining), and field-screening data obtained using a PID will be recorded on a boring log.

The discrete soil samples collected for submittal to the analytical laboratory will be prepared and handled following the procedures listed below:

- The soil samples will be transferred immediately via a clean gloved hand or clean laboratory-provided plastic plunger into laboratory-supplied sample containers in accordance with *Test Methods for Evaluating Solid Waste; Physical/Chemical Methods (SW-846)* (SW-846; EPA 1998) (i.e., EPA Method 5035A). Rocks larger than the diameter of the plastic plunger will not be collected in the sample containers. Care will be taken not to handle the seal or the inside cap of the container when placing the sample in the containers.
- Prior to closing the sample jar, the screw thread on the jar and cap will be inspected for the presence of soil particles. Any particles identified will be removed with a clean disposable towel.
- Each sample container will be labeled with the date, time sampled, sample identification and number, project name, project number, and sampler's initials.
- The sample will be documented on a chain-of-custody form.
- The sample will be immediately placed on ice in a cooler for transport to an analytical laboratory.
- Before each sample collection, any reusable sampling equipment will be decontaminated. Decontamination procedures are described in Section 5.3.

All non-dedicated sampling equipment will be decontaminated between uses. The samples will be submitted for laboratory analysis and the analytical results will be used to assess current soil conditions with respect to COCs.

4.2 GROUNDWATER MONITORING WELL DEVELOPMENT

Monitoring well development will be performed at least 24 hours after the concrete surface pad and well monument are installed to allow sufficient time for the well materials to cure before development procedures are initiated. The depth to sediment and total depth of the monitoring well will be measured using a decontaminated water level indicator. Measurements will be made from the northern rim of the well casing to the nearest one-hundredth of a foot and recorded on the Well Development Form.

The monitoring well will be surged using a surge block. The surge block will be vigorously moved up and down in the well. The surging should be initiated at the top of the well intake and gradually moved downward through the screened interval. The surge block will initially be operated with short, gentle strokes and then surged with increasing energy. Wells will be surged for a minimum of 15 minutes or 5 minutes per 5-foot section of well screen, whichever is longer.

After surging of the monitoring well, the well will be purged using a pump capable of pumping sediment-rich water. The pump will be run slowly up and down the well over the length of the screen or placed a few feet from the bottom of the well. The rate of extraction will be rapid enough to entrain fines but not so rapid that turbid water clogs the pump impeller.

Assuming the formation recharge rate is sufficient, a minimum of five casing volumes will be purged from the monitoring well. If this is the first time the well has been developed and water was used in the drilling

process, the volume of water introduced into the formation during well formation will also be removed during development. Well development is complete once one the following has occurred:

- The minimum of five well volumes has been removed.
- Purge water is clear and turbidity of the water is reduced.

In the event that the monitoring well runs dry, the pump will be shut off and sufficient time will be allowed to pass for the well to recharge before turning the pump back on. This process will repeat until well development is complete. If the well recharge rate is very slow, completing development with the above-listed criteria may not be possible.

The total depth of the well after development, along with depth to sediment and depth to water, will be measured. Measurements will be made from the northern rim of the well casing to the nearest one-hundredth of a foot and recorded on the Well Development Form.

Information such as odor, sheen, water color, and a description of the suspended particle content will be noted and recorded on the Well Development Form. All well development equipment will be decontaminated after development of each well. All purge water will be contained in appropriately labeled and inventoried drums and stored on the eastern side of the Property in the existing parking lot.

4.3 GROUNDWATER SAMPLING

Groundwater samples will be collected from the following monitoring wells for laboratory analysis of COCs: existing wells DMW-1S, DMW-2S, and DMW-4S; planned replacement wells DMW-8S-R and DMW-9S-R; and planned new wells SES-MW01S and SES-MW02S. One groundwater sampling event is planned as a part of the PRDI. Quarterly groundwater sampling will be initiated following the completion of remedial excavation and ISEB activities. The procedures for groundwater sample collection and handling are presented below.

4.3.1 Sample Collection and Handling Procedures

Groundwater samples will be collected and handled in accordance with EPA *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* dated April 1996 (EPA 1996 Groundwater Sampling Procedures; EPA 1996) at least 24 hours following well development. SoundEarth field staff will follow the procedures described below when collecting groundwater samples:

- The locking well cap from the monitoring well will be removed, and the groundwater level in the well will be allowed to equilibrate to atmospheric pressure for a minimum of 20 minutes.
- The depth to groundwater in the monitoring well will be measured relative to the top of the well casing to the nearest 0.01 foot using an electronic water level meter. The depth to the monitoring well bottom will also be measured to evaluate siltation of the monitoring well and to calculate the estimated purge water volume. All non-disposable equipment will be decontaminated between uses.
- A water quality meter and turbidimeter will be calibrated with standard calibration solutions each day of sampling prior to purging water from monitoring wells.
- Each monitoring well will be purged at a low-flow rate (100 to 300 milliliters per minute) using a peristaltic pump and dedicated polyethylene tubing. The pump tubing intake will be placed at approximately 2 to 3 feet below the equilibrated

groundwater surface in the well or at the approximate center of the screened interval, if the well screen is submerged. Temperature, pH, specific conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential (ORP) will be monitored during purging using a water quality meter equipped with a flow-through cell while purging to evaluate when stabilization of these parameters occurs. Containerization and management of well purge water is discussed in Section 7.2.

- Groundwater samples will be collected directly from the pump outlet tubing following stabilization of temperature, pH, specific conductivity, turbidity, dissolved oxygen, and oxygen-reduction potential. In accordance with guidance provided in EPA 1996 Groundwater Sampling Procedures and EPA's *Operating Procedure: Groundwater Sampling* dated February 5, 2007 and revised April 26, 2017, stabilization occurs when three successive readings of groundwater parameters are within ± 0.1 for pH, ± 3 percent for specific conductivity, ± 10 millivolts for ORP, ± 10 percent or <10 nephelometric turbidity units for turbidity, and ± 10 percent for dissolved oxygen (EPA 1996, 2007).
- If the monitoring well is completely dewatered during purging, samples will be collected when the groundwater in the well has recovered to at least 80 percent of the pre-purge casing volume.
- If low-flow sampling methods are not practical, the monitoring well will be allowed to recharge for no longer than 2 hours following cessation of purging and will be sampled using a dedicated, disposable, polyethylene double-check valve bailer and sampling cord.
- The sample containers, as described in Table B-3, will be filled directly if collected from a pump, or the water samples will be transferred immediately from the bailer into laboratory-supplied sample containers, taking care to minimize turbulence. Care will be taken not to handle the seal or lid of the container when decanting the sample into the containers. The containers will be filled completely to eliminate headspace; the containers will be turned upside down and visually inspected to ensure no bubbles are present; and the seals/lid will be secured.
- Each sample container will be labeled and handled following the protocols described in Section 5.0.
- The chain-of-custody protocols will be maintained during sample transport and submittal to the laboratory.
- The well cap and monument will be secured following sampling. Any damaged or defective well caps or monuments will be noted and scheduled for replacement, if necessary.

Field personnel will be required to prepare Groundwater Purge and Sample Forms during groundwater monitoring and sampling activities. The forms will include depth to groundwater, total depth measurements, and water quality measurements, including pH, temperature, dissolved oxygen, specific conductance, ORP, and turbidity. In addition, the sample identifier (ID), date of sample collection, and analyses will be recorded on the form. An example of the Groundwater Purge and Sample Form is included in Attachment A.

5.0 SAMPLE HANDLING AND QUALITY CONTROL PROCEDURES

This section summarizes sample labeling, container handling, decontamination, field quality control, and chain-of-custody procedures to be applied during the cleanup action.

5.1 SAMPLE IDENTIFICATION

Each sample collected during the cleanup action will be assigned a unique sample ID and number. Sample ID labels will be filled out and affixed to appropriate containers immediately before sample collection. The label will be filled out in indelible ink and will include the following information: media, date, time sampled, sample identification and number, project name, project number, sampler's initials, and analyte preservative(s), if any. An example of the Sample ID Label is included in Attachment A.

5.1.1 Soil

Soil sample IDs will include boring/monitoring well identification and approximate depth below ground surface. The approximate surface elevation will be recorded in North American Vertical Datum of 1988 for each soil boring/monitoring well location (Figure B-2) and north, south, east, and west distances will be measured in feet and recorded relative to a fixed measuring point.

For example, a soil sample collected from a depth of 15 feet below ground surface during the drilling of boring/monitoring well SES-MW01 would be labeled as follows: SES-MW01-15. The sample ID will be recorded on the Sample ID Label, Boring Log, and corresponding Sample Chain of Custody form for soil samples.

5.1.2 Groundwater

Groundwater sample IDs will include a prefix of the monitoring well identification and the date. For example, the groundwater sample collected from monitoring well SES-MW01 on July 25, 2022, would be labeled MW01-20220725. The sample identification will be recorded on the Sample ID Label, the Groundwater Purge and Sample form, and Sample Chain of Custody form for groundwater samples.

5.2 SAMPLE CONTAINER HANDLING PROCEDURES

Soil samples collected for analysis of volatile organic compounds will be collected in accordance with EPA Method 5035A. Required containers, preservation, and holding times for each anticipated analysis are listed in Table B-3.

SoundEarth personnel will be responsible for following the container handling procedures below:

- Each sample container will be labeled and handled with the date and time sampled, sample ID, project number, and preservative(s), if any.
- All sample collection information will be documented on a Sample Chain of Custody form, and the sample will be placed in a cooler chilled to near 4 degrees Celsius and transported to the analytical laboratory. A quarter of the volume of the cooler interior will be filled with double-bagged ice. Laboratory-provided temperature blanks (i.e., 40-milliliter [mL] volatile organic analysis [VOA] vials filled with deionized water) will be included in every cooler with samples submitted to the laboratory.

At the end of each field day, the FC will check all container labels, chain-of-custody protocols for sample entries, and field notes for completeness and accuracy.

5.3 DECONTAMINATION PROCEDURES

Decontamination of all non-disposable tools and equipment will be conducted before each sampling event and between each sampling location, including stainless steel bowls/containers, stainless steel spoons/spatulas, stainless steel core catcher, hack saw blades, and drill bits. A sufficient supply of decontaminated small equipment will be mobilized to the sampling locations to minimize the need for performing field decontamination. Field personnel will change disposable nitrile gloves before collecting each sample and before decontamination procedures and will take precautions to prevent contaminating themselves with water used in the decontamination process. The following steps will be followed to decontaminate reusable soil and groundwater sampling equipment:

- Soil particles will be removed from the equipment with a brush.
- The equipment will be washed with a solution of Alconox (or an equivalent detergent) and water.
- The equipment will be rinsed with tap water.
- A final rinse will be conducted with distilled or deionized water.

Residual sample media from the equipment, used decontamination solutions and associated materials, and disposable contaminated media will be disposed of according to the procedures described in Section 7.0.

5.4 SAMPLE CHAIN-OF-CUSTODY PROCEDURES

The written procedures that will be followed when samples are collected, transferred, stored, analyzed, or destroyed are designed to create an accurate written record that can be used to trace the possession and handling of the sample from the moment of collection through analysis and reporting of analytical values. This written record, the Sample Chain of Custody form, will be filled out by the field sampling team at the time the sample is obtained. An example of the Sample Chain of Custody form is included in Attachment A.

All samples submitted to the laboratory are accompanied by the Sample Chain of Custody form. This form is checked for accuracy and completeness and then signed and dated by the laboratory sample custodian accepting the sample. At the laboratory, each sample is assigned a unique, sequential laboratory identification number that is stamped or written on the Sample Chain of Custody form.

All samples are held under internal chain of custody in the sample control room using the appropriate storage technique (i.e., in ambient temperature, refrigerated, frozen). The laboratory project manager listed in Section 2.0 and in Table B-1 will be responsible for tracking the status of the samples throughout the laboratory. Samples will be signed out of the sample control room in a sample control logbook by the analyst who will prepare the samples for analysis.

The Sample Chain of Custody form will include the following information: client, project name and number, date and time sampled, sample ID, sampler's initials, analysis, and analyte preservative(s), if any.

5.5 FIELD QUALITY ASSURANCE SAMPLING

Field and laboratory activities will be conducted in such a manner that the results will be valid and meet the DQOs for this project. For the PRDI, one duplicate soil sample and one duplicate groundwater sample will be collected to provide data validation. The field duplicate samples will be collected and sent to the laboratory along with the primary field samples and will be assigned a unique sample ID and number. SoundEarth will note the locations of the field duplicates in the field notes.

Trip blanks (i.e., 40mL VOA vials filled with water) will be requested at the time that the sample containers are ordered from the laboratory. One laboratory-provided trip blank will be included in each cooler of samples submitted to the laboratory. Trip blank sample IDs will have the prefix "TB." Additionally, laboratory-provided temperature blanks will be included in every cooler with samples submitted to the laboratory. More information about trip blanks is provided in Section 10.1.

6.0 ANALYTICAL TESTING

All soil and groundwater samples will be submitted to F&BI, an Ecology-accredited analytical laboratory, on a standard 7- to 10-day turnaround time. All chemical and physical testing will adhere to EPA's Southwest-846 QA/QC procedures and analysis protocols or follow the appropriate Ecology methods. In completing chemical analyses for this project, the laboratory will meet the following minimum requirements:

- Adhere to the methods outlined in this SAP, including methods referenced for each analytical procedure.
- Provide a detailed discussion of any modifications made to previously approved analytical methods.
- Deliver PDF and electronic data as specified.
- Meet reporting requirements for deliverables.
- Meet turnaround times for deliverables.
- Implement QA/QC procedures discussed in Section 8.0, including DQOs, laboratory quality control requirements, and performance evaluation testing requirements.
- Notify the project QA/QC manager of any QA/QC problems when they are identified to allow for quick resolution.
- Allow laboratory and data audits to be performed, if deemed necessary.

Copies of the F&BI's *Laboratory Quality Assurance Manual* are on file at SoundEarth's offices for review and reference and will be followed throughout the cleanup action. Access to laboratory personnel, equipment, and records pertaining to samples, collection, transportation, and analysis can be provided. Container requirements, holding times, and preservation methods for soil and groundwater are summarized in Table B-3.

Sample laboratory analytical results for each analyte will be compared to regulatory limits applicable to the cleanup action. A description of the analytical methods, laboratory practical quantitation limits (PQLs), and applicable regulatory limits for each analyte is provided on Table B-4 and summarized below for each medium to be sampled during the cleanup action.

6.1 SOIL AND GROUNDWATER SAMPLE ANALYSIS

Selected soil and groundwater samples will be submitted for laboratory analysis of gasoline-range petroleum hydrocarbons by Northwest Total Petroleum Hydrocarbon (NWTPH) Method NWTPH-Gx; benzene, ethylbenzene, toluene, and total xylenes by EPA Method 8021B; diesel- and oil-range petroleum hydrocarbons by Method NWTPH-Dx; nitrate and sulfate by Standard Method (SM) 1845; soluble ferrous iron by SM 3500-Fe B; soluble manganese by EPA Method 200.8; methane by RSK-175; and alkalinity by SM 2320B. A summary of planned soil and groundwater sampling locations and proposed analyses for each sample is provided in Tables B-6 and B-7.

7.0 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

Contaminated soil, wastewater, and disposable equipment generated during the investigation will be handled in accordance with state and federal regulations. The procedures for managing investigation-derived waste for the expected waste streams are discussed below.

7.1 SOIL

Investigation-derived waste (IDW) soil will be drummed and stored on the Property, pending results of laboratory analyses for characterization and proper disposal. Drums will be properly labelled with the following information: boring/well name, project name and number, drum identification number, date generated, contents, percent filled, and contact number. An IDW Inventory form will be completed with the following information: site name, project name and number, date and time of inventory, drum identification number, date generated, contents, drum capacity, and percent filled.

In addition to the discrete soil samples analyzed for GRPH, BTEX, DRPH, and ORPH, a representative composite soil sample of drill cuttings will be collected for laboratory analysis of Resource Conservation and Recovery Act 8 metals by EPA Method 200.8 for soil disposal characterization. Pending receipt of finalized analytical results, drummed soil will be profiled and disposed of at an appropriate waste disposal facility.

7.2 WASTEWATER

IDW wastewater will be generated during the PRDI over the course of equipment decontamination activities and monitoring well development and purging activities. Wastewater will be drummed on site, labeled, and disposed of at an appropriate waste disposal facility. Drums will be properly labelled with the following information: boring/well name, project name and number, drum identification number, date generated, contents, percent filled, and contact number. An IDW Inventory form will be completed with the following information: site name, project name and number, date and time of inventory, drum identification number, date generated, contents, drum capacity, and percent filled. Groundwater analytical data from groundwater monitoring well sampling will be used for IDW disposal characterization.

7.3 DISPOSABLES

Disposable personal protective clothing (e.g., Tyvek suits, rubber gloves, boot covers) and disposable sampling devices (e.g., plastic tubing, plastic scoops, bailers) will be placed in plastic garbage bags and disposed of as nonhazardous waste.

8.0 DATA QUALITY OBJECTIVES

Field and laboratory activities will be conducted in such a manner that the results are valid and meet the DQOs for this project. Guidance for QA/QC will be derived from the protocols developed for the cited methods within the following EPA documents: SW-846 (EPA 1998) and *Contract Laboratory Program, National Functional Guidelines for Superfund Organic Data Review* (EPA 2020). The DQOs are designed to achieve the following:

- Assist the project manager and project team to focus on the factors affecting data quality during the planning stage of the project.
- Facilitate communication among field, laboratory, and project staff as the project progresses.
- Document the planning, implementation, and assessment procedures for QA/QC activities for the investigation.
- Verify that the DQOs are achieved.
- Provide a record of the project to facilitate final report preparation.

The DQOs for the project include both qualitative and quantitative objectives; these define the appropriate type of data and specify the tolerable levels of potential decision errors that will be used as a basis for establishing the quality and quantity of data needed to support the cleanup action. To verify that the DQOs are achieved, this SAP and QAPP details aspects of sample collection and analysis, including analytical methods, QA/QC procedures, and data quality reviews. This SAP and QAPP describes both qualitative and quantitative measures of data quality to verify that the DQOs are achieved.

Detailed QA/QC procedures in the field and laboratory are provided in the following subsections as well as Section 10.0. The DQOs for the investigation will be used to develop and implement procedures to verify that data collected is of sufficient quality to adequately address the objectives of the investigation, as defined in the PRDI Work Plan. All observations and measurements will be made and recorded in such a manner as to yield results representative of the media and conditions observed and/or measured. Goals for representativeness will be met by verifying that sampling locations are selected properly, that a sufficient number of samples are collected, and that field screening and laboratory analyses are conducted properly.

The quality of the laboratory data will be assessed by precision, accuracy, representativeness, completeness, comparability, and sensitivity. Definitions of these parameters and the applicable QC procedures are described in Sections 8.1 through 8.6. Quantitative DQOs are provided following each definition. Laboratory DQOs have been established by the analytical laboratory. Applicable quantitative goals for these DQOs are listed in Table B-5.

8.1 PRECISION

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of two or more measurements compared to their average values. Precision is calculated from results of duplicate sample analyses. Precision is quantitatively expressed as the relative percent difference (RPD) and is calculated as follows:

$$RPD = \frac{(C_1 - C_2)}{(C_1 + C_2)/2} x\ 100$$

Where:
RPD = relative percent difference
C_1 = larger of the two duplicate results (i.e., the highest detected concentration)
C_2 = smaller of the two duplicate results (i.e., the lowest detected concentration)

There are no specific RPD criteria for organic chemical analyses. Quantitative RPD criteria for organic analyses will be based on laboratory-derived control limits. Precision will be calculated as an RPD of a matrix spike/matrix spike sample duplicate if sufficient sample volume is submitted to the laboratory. Otherwise, precision will be analyzed as the RPD of a laboratory control sample and a laboratory control sample duplicate.

8.2 ACCURACY

Accuracy is a measure of the closeness (bias) of the measured value to the true value. The accuracy of chemical analytical results is assessed by "spiking" samples in the laboratory with known standards (a surrogate or matrix spike of known concentration) and determining the percent recovery. The accuracy is measured as the percent recovery (%R) and is calculated as follows:

$$\%R = \frac{(M_{sa} - M_{ua})}{C_{sa}} x\ 100$$

Where:
%R = percent recovery
M_{sa} = measured concentration in spiked aliquot
M_{ua} = measured concentration in unspiked aliquot
C_{sa} = actual concentration of spike added

Laboratory matrix spikes and surrogates will be carried out at the analytical laboratory in accordance with EPA SW-846 (EPA 1998) and Ecology methods and procedures for inorganic and organic chemical analysis. The frequency of matrix spikes and matrix spike duplicates will each be one per batch of 20 samples or less for soil samples and groundwater samples. If a sufficient sample volume is not submitted, then a laboratory control sample and a laboratory control sample duplicate will be analyzed for a batch of 20 or less soil samples and for a batch of 20 or less groundwater samples. Quantitative percent recovery criteria for organic analyses will be based on laboratory-derived control limits for surrogate recovery and matrix spike results.

The accuracy of sample results can also be affected by the introduction of contaminants to the sample during collection, handling, or analysis. Contamination of the sample can occur because of improperly cleaned sampling equipment, exposure of samples to chemical concentrations in the field or during transport to the laboratory, or chemical concentrations in the laboratory. To demonstrate that the samples collected are not contaminated, laboratory method blank samples will be analyzed. The laboratory will run method blanks at a minimum frequency of 5 percent, or one per batch, to assess potential contamination of the sample within the laboratory.

8.3 REPRESENTATIVENESS

Representativeness is a qualitative assessment of how closely the measured results reflect the actual concentration or distribution of the constituent concentrations in the matrix sampled. The sampling plan design, sample collection techniques, sample handling protocols, sample analysis methods, and data

review procedures have been developed to verify that the results obtained are representative of the Property conditions. These issues are addressed in detail in Sections 6.0 and 10.0.

8.4 COMPLETENESS

Completeness is defined as the percentage of measurements judged to be valid. Results will be considered valid if they are not rejected during data validation (Section 10.0). Completeness is calculated as follows:

$$C = \frac{(Number\ of\ Valid\ Measurements)}{(Total\ Number\ of\ Measurements)}\ x\ 100$$

Objectives for completeness are based, in part, on the subsequent uses of the data (i.e., the more critical the use, the greater the completeness objective). The objectives for completeness of samples are expressed as percentages, which refer to the minimum acceptable percentages of samples received at the laboratory in good condition and acceptable for analysis. The objectives of completeness are 95 percent for soil and water samples. These objectives will be met through the use of proper sample containers, proper sample collection techniques, proper sample packaging procedures to prevent breakage during shipment, proper sample preservation, and proper labeling and chain-of-custody procedures. A loss of 5 to 10 percent of intended samples is common, and the goals set are sufficient for intended data uses.

The objectives for completeness of chemical analyses are also expressed as percentages and refer to the percentages of analytical requests for which usable analytical data are produced. The initial objective for completeness of chemical analyses in the laboratory is 95 percent.

8.5 COMPARABILITY

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. The use of standard Ecology and EPA methods and procedures for both sample collection and laboratory analysis will make the data collected comparable to both internal and other data generated.

8.6 SENSITIVITY

Analytical sensitivities are measured by PQLs, which are defined as the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. PQLs are determined by the laboratory. The specific analytes and the corresponding PQLs that will be required for the investigation are presented in Table B-4. The detection or reporting limits for actual samples may be higher depending on the sample matrix and laboratory dilution factors.

9.0 DATA COLLECTION

This section outlines the procedures to be followed for the review, inventory, storage, and retrieval of data collected during performance of the investigation. The procedures contained in this SAP are designed to verify that the integrity of the collected data is maintained for subsequent use. Moreover, project-tracking data (e.g., schedules, progress reports) will be maintained to monitor, manage, and document the progress of the investigation.

9.1 DATA COLLECTION APPROACH

Procedures that will be used to collect, preserve, transport, and store samples are described in Section 5.0. All sampling protocols will be performed in accordance with the details within the PRDI and will meet or exceed current regulatory standards and guidelines. Sampling procedures may be modified, if necessary, to satisfy amendments to current regulations, methods, or guidelines. The data collection approach for key elements of the PRDI field program will verify the project DQOs are met or exceeded.

9.2 DATA TYPES

A variety of data will be generated during the investigation, including sampling and analytical data. The laboratory analytical data will be transmitted to SoundEarth as an electronic file and as a hard copy laboratory data report. This method will facilitate the subsequent validation and analysis of these data while avoiding transcription errors that may occur with computer data entry. Examples of data types include manually recorded field data such as field notes, boring logs, and groundwater purge and sample forms, as well as electronically reported laboratory data. Additional information regarding data validation is included in Sections 9.5 and 10.3.

9.3 DATA TRANSFER

SoundEarth will follow procedures controlling the receipt and distribution of incoming data packages and outgoing data reports. Incoming documents will be date stamped and filed. Correspondence and transmittal letters for all reports, maps, and data will be filed chronologically. Data packages, such as those from field personnel, laboratories (soil and groundwater data) and surveyors (elevation data), will be filed by project task, subject heading, and date. If distribution is required, the appropriate number of copies will be made and distributed to the appropriate persons or agencies.

9.4 DATA INVENTORY

Procedures for filing, storage, and retrieval of project data and reports are discussed below.

9.4.1 Document Filing and Storage

As previously discussed, project files and raw data files will be maintained at SoundEarth's office. Files will be organized by project tasks or subject heading and maintained by the document control clerk. Electronic copies of files will be maintained in a project directory and backed up daily, weekly, and monthly.

9.4.2 Access to Project Files

Access to project files will be controlled and limited to the client and its authorized representatives: Ecology and SoundEarth personnel. When a hard copy file is removed for use, a sign-out procedure will be used to track custody. If a document is to be used for a long period, a copy will be used, and the original will be returned to the project file.

9.5 DATA VALIDATION

Data quality review will be performed, where applicable, in accordance with the current EPA guidance as set forth in *Guidance on Environmental Data Verification and Data Validation* (EPA 2002). The analytical data will be validated at SoundEarth under the supervision of the project QA/QC officer in order to establish the quality and usability of the data. The following types of QC information will be reviewed, as appropriate:

- Method deviations

- Sample extraction and holding times
- Method reporting limits
- Blank samples (equipment rinsate and laboratory method)
- Duplicate samples
- Matrix spike/matrix spike duplicate samples (accuracy)
- Surrogate recoveries
- Percent completeness and RPD (precision)
- A QA review of the final analytical data packages for samples collected during the investigation

See Section 10.3 for additional details regarding data validation.

9.6 DATA REDUCTION AND ANALYSIS

The project manager and project QA/QC officer are responsible for data review and validation. Data validation parameters are outlined as quantitative DQOs in Section 8.0. The particular type of analyses and presentation method selected for any given data set will depend on the type, quantity, quality, and prospective use of the data in question. The analysis of the project data will require data reduction for the preparation of tables, charts, and maps. To verify that data are accurately transferred during the reduction process, two data reviews will be performed, one by the project QA/QC officer or project manager and another by the project principal, before issuing the documents. Any incorrect transfers of data will be highlighted and changed.

10.0 QUALITY CONTROL PROCEDURES

This section provides a description of the QC procedures for both field activities and laboratory analysis. The field QC procedures include standard operating procedures for sample collection and handling, equipment calibration, and field QC samples.

10.1 FIELD QUALITY CONTROL

Field QC samples (e.g., duplicate samples) will be collected during this project and will follow the standard operating procedures during field-screening activities. The procedural basis for these field data collection activities will be documented on the field report forms, as described in Section 11.1. Any deviations from the established protocols will be documented on the field report forms.

QA/QC soil and groundwater samples will be collected during the investigation to provide for data validation, as described in Section 8.0. QA/QC samples will consist of field duplicates. QA/QC samples will be collected and shipped to the laboratory along with the primary field samples. One field duplicate soil sample and one field duplicate groundwater sample will be collected and submitted to the laboratory for analysis during the investigation. The QA/QC samples will be assigned a unique sample ID and number. The field duplicates will be blind and will be identified by a prefix of “100” for the first field duplicate soil sample. For example, a field duplicate for the soil sample collected from soil boring SES-MW01S at a depth of 11.0 to 12.5 feet bgs would be labeled SES-MW01S-100-11.0. The field duplicate groundwater sample will be labeled with the monitoring well name, such as SES-MW99, followed by the sample collection date. For example, a field duplicate for the groundwater sample collected from monitoring well SES-MW02S on

July 25, 2022, would be labeled SES-MW99-20220725. SoundEarth will note the locations of the field duplicates and time of collection in the field notes.

A laboratory-provided trip blank will be included in each cooler of samples submitted to the laboratory for volatile analysis. A trip blank is a clean sample of media that has been created in the laboratory, transported to the sampling site, and transported back to the laboratory without exposures related to sampling. The trip blank is analyzed for volatile organic compounds that may have been introduced to samples during handling and transportation in order to evaluate the quality and integrity of the field samples during handling and transport.

10.2 LABORATORY QUALITY CONTROL

Analytical laboratory QA/QC procedures are provided in F&BI's *Laboratory Quality Assurance Manual* that is on file at SoundEarth's office and are summarized below:

- **Laboratory QC Criteria.** Results of the QC samples from each sample group will be reviewed by the analyst immediately after a sample group has been analyzed. The QC sample results will then be evaluated to determine whether control limits were exceeded. If control limits are exceeded in the sample group, corrective action (e.g., method modifications followed by reprocessing the affected samples) will be initiated before processing a subsequent group of samples. All primary chemical standards and standard solutions used in this project will be traceable to documented and reliable commercial sources. Standards will be validated to determine accuracy by comparison to an independent standard. Any impurities identified in the standard will be documented.

The following summarizes the procedures that will be used to assess data quality throughout sample analysis:

- **Laboratory Duplicates.** Analytical duplicates provide information on the precision of the analysis and are useful in assessing potential sample heterogeneity and matrix effects. Analytical duplicates are subsamples of the original sample that are prepared and analyzed as a separate sample. A minimum of 1 duplicate will be analyzed per sample group or for every 20 samples, whichever is more frequent.
- **Matrix Spikes and Matrix Spike Duplicates.** Analysis of matrix spike samples provides information on the extraction efficiency of the method on the sample matrix. By performing matrix spike duplicate analyses, information on the precision of the method is also provided for organic analyses. A minimum of 1 matrix spike/matrix spike duplicate will be analyzed for every sample group or for every 20 samples, whichever is more frequent.
- **Laboratory Control Samples.** A laboratory control sample is a method blank sample carried throughout the same process as the samples to be analyzed, with a known amount of standard added. The blank spike compound recovery assesses analytical accuracy in the absence of any sample heterogeneity or matrix effects.
- **Surrogate Spikes.** All project samples analyzed for organic compounds will be spiked with appropriate surrogate compounds, as defined in the analytical methods. Surrogate recoveries will be reported by the laboratories; however, no sample result will be corrected for recovery using these values.
- **Method Blanks.** Method blanks are analyzed to assess possible laboratory contamination at all stages of sample preparation and analysis. A minimum of 1 method blank will be analyzed for every extraction batch or for every 20 samples, whichever is more frequent.

10.3 DATA QUALITY CONTROL

All data generated by F&BI will undergo two levels of QA/QC evaluation in order to establish the quality and usability of the data: one by the laboratory and one by SoundEarth.

As specified in F&BI's *Laboratory Quality Assurance Manual*, the laboratory will perform initial data reduction, evaluation, and reporting. The analytical data will then be validated at SoundEarth under the supervision of the project QA/QC officer. The following types of QC information will be reviewed, as appropriate:

- Method deviations
- Sample transport conditions (temperature and integrity)
- Sample extraction and holding times
- Method reporting limits
- Blank samples
- Duplicate samples
- Surrogate recoveries
- Percent completeness
- RPD (precision)

SoundEarth will review field records and results of field observations and measurements to verify procedures were properly performed and documented. The review of field procedures will include the following:

- Completeness and legibility of field logs
- Preparation and frequency of field QC samples
- Equipment calibration and maintenance
- Completion of sample Chain of Custody forms

The purpose of the verification and validation procedures is to assess whether the data conform to established project requirements and to identify any limitations when data do not conform to the project requirements, DQOs, and/or method-specific requirements. Corrective actions are described in Section 10.5.

10.4 PERFORMANCE AUDITS

Performance audits will be completed for both sampling and analysis work. Field performance will be monitored through regular review of Sample Chain of Custody forms, field forms, and field measurements. The project manager and/or the project QA/QC Officer may also perform periodic review of work in progress at the Site.

Accreditations received from Ecology by F&BI for each analysis demonstrate the laboratory's ability to properly perform the requested methods. Therefore, a system audit of the analytical laboratory during the course of this project will not be conducted.

The project manager and/or project QA/QC officer will oversee communication with the analytical laboratory on a frequent basis while samples are being processed and analyzed at the laboratory. This will allow SoundEarth to assess progress toward meeting the DQOs and to take corrective measures if problems arise.

The analytical laboratory will be responsible for identifying and correcting, as appropriate, any deviations from performance standards as discussed in F&BI's *Laboratory Quality Assurance Manual.* The laboratory will communicate to the project manager or the project QA/QC officer all deviations to the performance standards and the appropriate corrective measures made during sample analysis. Corrective actions are discussed in the following section.

10.5 CORRECTIVE ACTIONS

Corrective actions will be the joint responsibility of the project manager and the project QA/QC officer. Corrective procedures can include the following:

- Identifying the source of the violation.
- Reanalyzing samples, if holding time criteria permit.
- Resampling and analyzing the new samples.
- Remeasuring parameters.
- Evaluating and amending sampling and analytical procedures.
- Qualifying data to indicate the level of uncertainty.

During field sampling operations, the project manager and field staff will be responsible for identifying and correcting protocols that may compromise the quality of the data. All corrective actions taken will be documented in the field notes.

11.0 DOCUMENTATION AND RECORDS

Project files and raw data files will be maintained at SoundEarth's office. Project records will be stored and maintained in a secure manner. Each project team member is responsible for filing all necessary project information or providing the information to the person responsible for the filing system. Individual team members may maintain files for individual tasks, but team members must provide such files to the central project files upon completion of each task. A project-specific index of file contents will be kept with the project files. Hard copy documents will be kept on file at SoundEarth or at a document storage facility throughout the duration of the project, and all electronic data will be maintained in the database at SoundEarth. All sampling data will be submitted to Ecology in electronic formats pursuant to WAC 173-340-840(5) and Ecology's *Toxics Cleanup Program Policy 840: Data Submittal Requirements* (Ecology 2005).

11.1 FIELD DOCUMENTATION

Documentation of field activities will be included on Field Report forms, Boring/Well Log forms, Groundwater Purge and Sample forms, Sample ID Labels, Waste Material Labels, Drum Inventory forms, and Sample Chain of Custody forms, examples of which are provided in Attachment A. Field forms will be scanned and saved to an electronic project folder.

Field personnel will be required to keep a daily field log on a Field Report form. Field notes will be as descriptive and as inclusive as possible, allowing independent parties to reconstruct the sampling situation

from the recorded information. Language will be objective, factual, and free of inappropriate terminology. A summary of each day's events will be completed on a Field Report form. At a minimum, field documentation will include the date, job number, project identification and location, weather conditions, sample collection data, personnel present and their responsibilities, field equipment used, and activities performed in a manner other than specified in the SAP and QAPP. In addition, if other forms are completed or used (e.g., Sample Chain of Custody form), they will be referred to in and attached to the Field Report form. Field personnel will sign the Field Report form. An example of the Field Report form is included in Attachment A.

11.2 ANALYTICAL RECORDS

Analytical data records will be retained by the laboratory and stored electronically in the SoundEarth project file and project database. For all analyses, the data reporting requirements will include those items necessary to complete data validation, including copies of all raw data. The analytical laboratory will be required to report the following, as applicable: project narrative, chain-of-custody records, sample results, QA/QC summaries, calibration data summary, method blank analysis, surrogate spike recovery, matrix spike recovery, matrix duplicate, and laboratory control sample(s).

12.0 HEALTH AND SAFETY PROCEDURES

Field personnel will adhere to health and safety procedures detailed in the Site-Specific HASP, which is provided as Appendix A of the PRDI Work Plan. The health and safety and emergency response protocols outlined in the HASP are designed to ensure compliance with state and federal regulations governing worker safety on hazardous waste sites. The US Department of Labor has published final rules (Part 1910.120 of Title 29 of the Code of Federal Regulations) that amend the existing Occupational Safety and Health Administration standards for hazardous waste operations and emergency response. Within Washington State, these requirements are addressed in WAC 296-843, Hazardous Waste Operations. These regulations apply to the activities to be performed at the Property as a site remediation, or cleanup, under the Resource Conservation and Recovery Act and/or MTCA.

Subcontractors to SoundEarth are required to prepare and effectively implement their own HASPs based on their unique scope of work and professional expertise. Each subcontractor's HASP must comply with all applicable federal, state, and local regulations. The subcontractor's HASP should employ appropriate best practices to protect all personnel working on the Property, as well as the public, and to prevent negative impacts to the project or Property.

SoundEarth's responsibilities for safety on the Property are limited to the following:

- Implementation of the provisions of this HASP for the protection of its employees and visitors on the Property to the extent that the Property and its hazards are under the control of SoundEarth.
- Protection of the Property, other personnel, and the public from damage, injury, or illness as a result of the activities of SoundEarth and its employees while at the Property.
- Provision of additional safety-related advice and/or management as contractually determined between the parties.

It is anticipated that all field work will be performed during the PRDI in Level D personal protective equipment. Potential hazards that may be encountered during the cleanup action field activities include exposure to contaminants; traffic/mobile equipment; process hazards; unstable ground; noise exposure;

overhead and underground utilities; slips, trips, and falls; powered tools and equipment; working around heavy equipment; rolling and/or pinching objects; and exposure to weather conditions. The Site-specific HASP is included as Appendix A of the PRDI Work Plan.

13.0 LIMITATIONS

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

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. SoundEarth does not warrant and is not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. SoundEarth does not warrant the use of segregated portions of this report.

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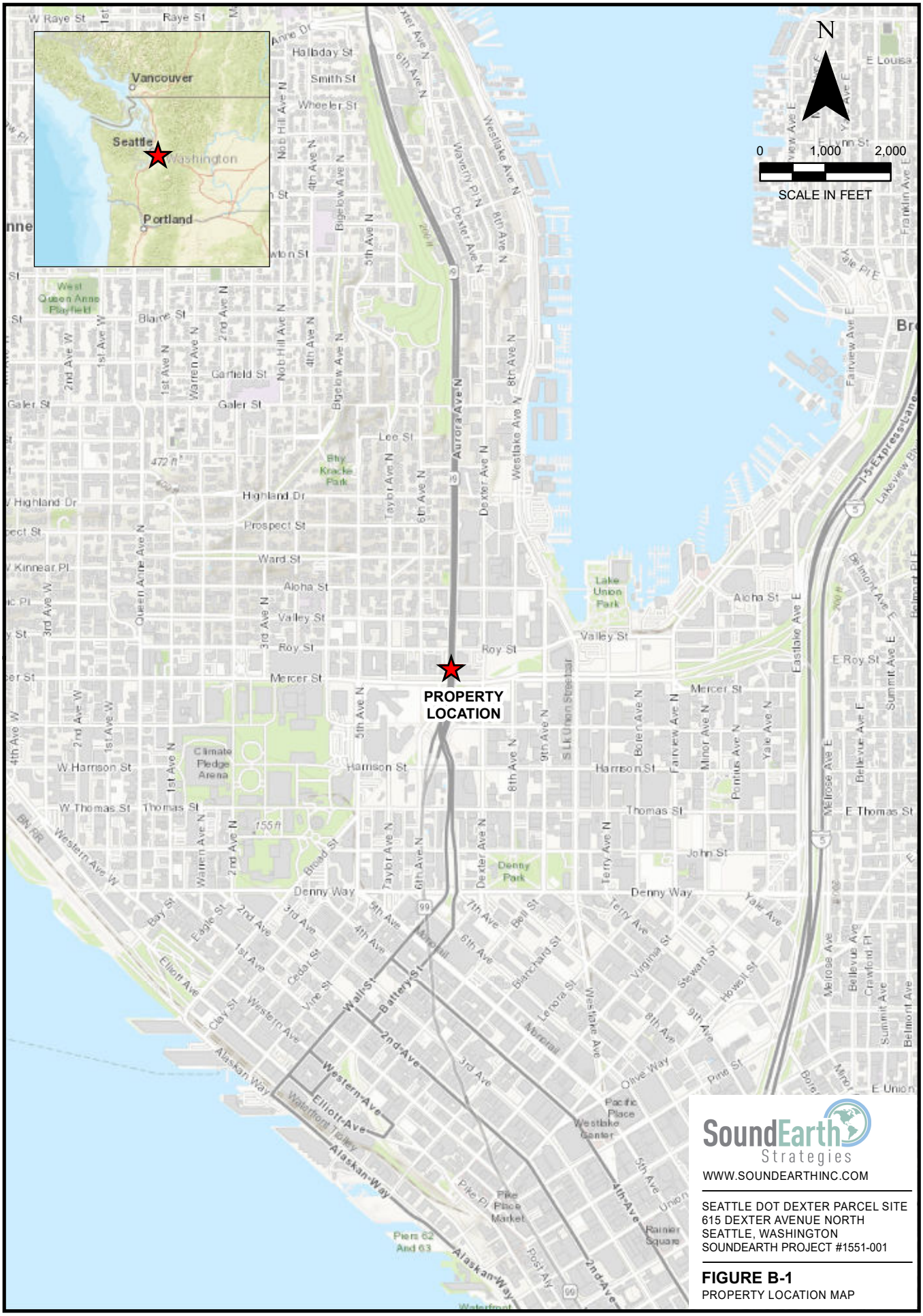
FIGURES



SoundEarth Strategies
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SEATTLE DOT DEXTER PARCEL SITE
615 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1551-001

FIGURE B-1
PROPERTY LOCATION MAP

P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\FIGURE 1\1551-001-2022-PL.MXD

10/19/2022

P:\1551 SUSTAINABLE LIVING INNOVATIONS\1551-001 SEATTLE DOT PROPERTY\TECHNICAL\CAD\2022\1551-001-2022-ELM.DWG

701 DEXTER AVENUE NORTH

ROY STREET

AURORA AVENUE NORTH

DEXTER AVENUE NORTH

APPROXIMATE 10 FT RETAINING WALL

ALLEY

615 DEXTER AVENUE NORTH

601 DEXTER AVENUE NORTH

N

0 15 30

APPROXIMATE SCALE IN FEET

21417-GP1
DPP-1
DPP-5
DMW-6
APPROXIMATE PREVIOUS GAS STATION AND AUTO REPAIR STATION
21417-GP2
DGW-2
DPP-4
DPP-2
DGW-4
21417-GP7
DMW-13S
21417-GP6
DMW-12S
SES-MW01S
21417-GP5
DMW-14S
DMW-51A
MW-305
B-309
MW-307
MW-306
DPP-3
21417-GP3
FORMER PUMP ISLAND
DPP-6
DMW-31A
BB-10
DMW-7S
DGW-1
DMW-2S
DMW-1S
DMW-8S
DMW-8S-R
POTENTIAL FORMER GREASE SHED
DGW-3
21417-GP4
MW-117
GP-9
HC-1
DMW-4S
SES-MW02S
DMW-9S-R
DMW-9S
HC-2
HC-5
MW-1
DMW-11S
GP-8
DMW-10S
HC-3
HC-4
GP-7

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL BORING
- SOIL BORING WITH GRAB GROUNDWATER SAMPLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- ESTIMATED AREA OF PETROLEUM-CONTAMINATED SOIL TO BE REMOVED FROM SITE
- APPROXIMATE AREA OF MONITORED NATURAL ATTENUATION (MNA)
- PROPOSED REDEVELOPMENT EXCAVATION, BUILDING FOOTPRINT, AND VAPOR BARRIER AREA
- PROPOSED MONITORING WELL

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FIGURE B-2
PROPOSED EXPLORATION LOCATION PLAN

TABLES

Table B-1
Key Personnel and Responsibilities
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Project Title	Name	Project Role	Organization	Mailing Address	Email Address	Phone
Regulatory Agency	Tena Seeds	Regulatory project management. Reviews and approves all submittals to the Washington State Department of Ecology.	Northwest Region Toxics Cleanup Program, Washington State Department of Ecology	5700 Dayton Avenue North, Shoreline, Washington 98133	tena.seeds@ecy.wa.gov	425-457-3143
Property Owner	615 Dexter, LLC	Property ownership.	Property Ownership	710 2nd Avenue, Suite 1400, Seattle, Washington 98104	cholmes@sli.co (Carrie Holmes of 615 Dexter, LLC)	206-793-6547
Project Principal	Ryan Bixby	Reviews and monitors all project activities. Reviews all data and deliverables prior to submittal to project contact or Washington State Department of Ecology.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	rbixby@soundearthinc.com	206-436-5923
Project Manager	Chris Cass	Overall project management, including SAP development, field monitoring, document preparation and submittal, and project coordination.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	ccass@soundearthinc.com	206-436-5953
Project QA/QC Officer	Kyle Lowery	Coordinates with laboratory to ensure that SAP requirements are followed and that laboratory QA objectives are met.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	klowery@soundearthinc.com	206-245-1179
Field Coordinator	Kyle Lowery	Reports to the project manager. Ensures all project health and safety requirements are followed; coordinates and participates in the field sampling activities; coordinates sample deliveries to laboratory; coordinates sampling activities with site owner subcontractors; reports any deviations from project plans.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	klowery@soundearthinc.com	206-245-1179
Field Staff	Various licensed geologists and environmental professionals	Reports to field coordinator. Conducts sampling activities.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	Various	206-306-1900
Data Manager	Kyle Lowery	Ensures that analytical data is incorporated into site database with appropriate qualifiers following validation.	SoundEarth	2811 Fairview Avenue South, Suite 2000 Seattle, Washington 98102	klowery@soundearthinc.com	206-245-1179
Laboratory Project Managers	Michael Erdahl	Provides analytical support and will be responsible for providing certified, pre-cleaned sample containers and sample preservatives (as appropriate) and for ensuring that all chemical analyses meet the project quality specifications detailed in the SAP.	Friedman & Bruya, Inc.	3012 16th Avenue West Seattle, Washington 98119	merdahl@friedmanandbruya.com	206-285-8282
	Matthew Langston	Provides analytical support and will be responsible for ensuring that all chemical analyses meet the project quality specifications detailed in the SAP.	Fremont Analytical	3600 Fremont Avenue North Seattle, Washington 98103	mlangston@fremontanalytical.com	206-352-3790
Private Utility Locator (Subcontractor)	CNI Locates, Ltd.	Under the observation of SoundEarth, clears all boring locations for utilities prior to drilling.	CNI Locates, Ltd.	11110 176th Avenue East, Bonney Lake, Washington 98391	NA	253-826-1177

NOTES:
QA/QC = quality assurance/quality control
NA = not applicable
SAP = Sampling and Analysis Plan
SoundEarth = SoundEarth Strategies, Inc.

Table B-2
Preliminary Project Schedule
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Task/Cleanup Action Component		Estimated Completion Schedule
Task 1	Submit PRDI Work Plan as Draft for Agency Review	Submission by June 24, 2022
Task 2	Finalize PRDI Work Plan	Finalization within 30 days of receipt of Ecology's final comments
Task 3	Implement PRDI Work Plan	Initiation within 45 days of Ecology's approval of the final PRDI Work Plan

NOTES:

Ecology = Washington State Department of Ecology

PRDI = Pre-Remedial Design Investigation

Table B-3
Analytical Method, Container, Preservation, and Holding Time Requirements
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Analyte and Analytical Method	Size and Type of Container	Number of Containers	Preservation Requirements	Holding Time
Soil Samples				
GRPH by Method NWTPH-Gx	5 grams of soil in 40 mL VOA vial	3	4°C/-7°C at the laboratory*	48 hours/2 weeks
Groundwater Samples				
GRPH by Method NWTPH-Gx BTEX by EPA Method 8021B	40 mL VOA vial	3	HCl/4°C	14 days
DRPH and ORPH by Method NWTPH-Dx	500 mL amber	1	4°C*	14/40 days
Sulfate by EPA Method 300.0	250 mL polyethylene	1	4°C	48 hours
Nitrate by EPA Method 300.0	250 mL polyethylene	1	4°C	28 days
Soluble Ferrous Iron by SM 3500Fe B	500 mL glass amber	1	HCl/4°C	24 hours
Soluble Manganese by EPA Method 200.8d	500 mL polyethylene	1	HNO_3/4°C (Field Filtered)	6 months
Methane by RSK-175	40 mL VOA vial	3	HCl/4°C	14 days
Alkalinity by SM 2320B	250 mL polyethylene	1	4°C	14 days

NOTES:

* Preservation not required; samples will be delivered to laboratory for extraction within 48 hours of sample collection

°C = degrees Celsius

BTEX = benzene, toluene, ethylbenzene, and total xylenes

DRPH = diesel-range petroleum hydrocarbons

EPA = US Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

HCl = hydrochloric acid

HNO_3 = nitric acid

mL = milliliter

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = oil-range petroleum hydrocarbons

oz = ounce

SM = Standard Method

TOC = total organic carbon

VOA = volatile organic analysis

Table B-4
Analytes, Analytical Methods, Laboratory Practical Quantitation Limits, and Applicable Regulatory Limits
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Analyte	Analytical Method	Unit	Laboratory PQL[1]	Applicable Regulatory Limit[2]
Soil				
GRPH	NWTPH-Gx	mg/kg	<2	30
Groundwater				
GRPH	NWTPH-Gx	µg/L	<100	800
DRPH	NWTPH-Dx	µg/L	<50	500
ORPH	NWTPH-Dx	µg/L	<250	500
Benzene	EPA Method 8021B	µg/L	<1	2.4
Toluene	EPA Method 8021B	µg/L	<1	640
Ethylbenzene	EPA Method 8021B	µg/L	<1	700
Total xylenes	EPA Method 8021B	µg/L	<3	330
Sulfate and Nitrate	EPA Method 300	mg/L	0.1-0.6	NA
Methane	EPA Method RSK-175	mg/L	1.0	NA
Soluble Ferrous Iron	EPA Method 3500Fe B	mg/L	0.1	NA
Soluble Manganese	EPA Method 200.8	mg/L	1-50	NA
Alkalinity	SM 2320B	mg/L	2.5	NA

NOTES:

[1]Standard laboratory PQLs for Friedman & Bruya, Inc.

[2]MTCA Method A or B Cleanup Levels for the protection of either drinking water or the VI pathway, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, revised November 2007.

µg/L = micrograms per liter
< = less than
DRPH = diesel-range petroleum hydrocarbons
EPA = US Environmental Protection Agency
GRPH = gasoline-range petroleum hydrocarbons
mg/kg = milligrams per kilogram
MTCA = Washington State Model Toxics Control Act
NA = not applicable
NWTPH = Northwest Total Petroleum Hydrocarbon
ORPH = oil-range petroleum hydrocarbons
TOC = total organic carbon
PQL = practical quantitation limit
VI = vapor intrusion

Table B-5
Quantitative Goals of Data Quality Objectives
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Analyte	Analytical Method	Precision[1]	Accuracy[2]			Completeness (%)[3]	Sensitivity[4]
		RPD (%)	Surrogate (% Recovery)	MS (% Recovery)	LCS (% Recovery)		PQL[5]
Soil							
GRPH	NWTPH-Gx	20	50-150	50-150	50-150	95	<2 mg/kg
Groundwater							
GRPH	NWTPH-Gx	20	50-150	50-150	50-150	95	<100 µg/L
DRPH	NWTPH-Dx	20	50-150	50-150	58-134	95	<50 µg/L
ORPH	NWTPH-Dx	20	50-150	50-150	58-134	95	<250 µg/L
Benzene	EPA Method 8021B	20	50-150	50-150	50-150	95	<1 µg/L
Toluene	EPA Method 8021B	20	50-150	50-150	50-150	95	<1 µg/L
Ethylbenzene	EPA Method 8021B	20	50-150	50-150	50-150	95	<1 µg/L
Total Xylenes	EPA Method 8021B	20	50-150	50-150	50-150	95	<3 µg/L
Sulfate and Nitrate	EPA Method 300	20	NA	80-120	90-110	95	0.1-0.6 mg/L
Methane	EPA Method RSK-175	20	50-150	50-150	80-120	95	1 mg/L
Soluble Ferrous Iron	EPA Method 3500Fe B	30	NA	70-130	85-115	95	0.1 mg/L
Soluble Manganese	EPA Method 200.8	20	NA	70-130	80-120	95	1-50 mg/L
Alkalinity	SM 2320B	20	NA	NA	84-121	95	2.5 mg/L

NOTES:

[1]Precision measured in RPD between sample and lab duplicate, LCS and LCS duplicate, and/or MS and MS duplicate.

[2]Laboratory to follow in accordance with EPA SW-846 and Ecology methods and procedures for inorganic and organic chemical analyses. Method blanks will be analyzed for each analyte in addition to the quantitative data quality objectives listed in this table.

[3]Refers to the minimum acceptable percentages of samples received at the laboratory in good condition that are acceptable for analysis.

[4]Sensitivity is measured by the laboratory PQL for each analyte.

[5]Standard PQLs for Friedman & Bruya, Inc., standard PQLs.

% = percent
< = less than
µg/L = micrograms per liter
DRPH = diesel-range petroleum hydrocarbons
Ecology = Washington State Department of Ecology
EPA = US Environmental Protection Agency
GRPH = gasoline-range petroleum hydrocarbons
LCS = laboratory control sample
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
MS = matrix spike
NA = Not Applicable or Not Available
NWTPH = Northwest Total Petroleum Hydrocarbon Method
ORPH = oil-range petroleum hydrocarbons
PQL = practical quantitation limit
TOC = total organic carbon
RPD = relative percent difference

Table B-6
Soil Sample Laboratory Analysis Summary
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Sample Type	Sample Location	Sample Name	Approximate Sample Depth (feet bgs)[1]	Sample Elevation (feet NAVD88)	Total No. of Samples to be Analyzed	Analytical Method	
Soil							
Hollow-Stem Auger [1]	SES-MW01S	SES-MW01S-20	20	45.94	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW01S-23	23	43.44	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW01S-25	25	40.94	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW01S-28.5	28.5	37.33	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW01S-29.5	29.5	36.76	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW01S-34	34	32.33	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
	SES-MW02S	SES-MW02S-16	16	45.94	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW02S-19	19	43.44	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW02S-21	21	40.94	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW02S-25	25	37.33	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW02S-26	26	36.76	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B
		SES-MW02S-30	30	32.33	1	GRPH DRPH and ORPH Benzene	NWTPH-Gx NWTPH-Dx EPA Method 8021B

NOTES:
[1] Approximate sample depths estimated for proposed soil boring SES-MW01S assume that the ground elevation will be similar to the elevation at former soil boring 21417-GP5 (66.20 feet NAVD88) and for proposed monitoring well SES-MW02S assume that the ground elevation will be similar to the elevation at former soil boring HC-1 (62.33 feet NAVD88).

DRPH = diesel-range petroleum hydrocarbons
EPA = US Environmental Protection Agency
GRPH = gasoline-range petroleum hydrocarbons
NAVD88 = North American Vertical Datum of 1988
NWTPH = Northwest Total Petroleum Hydrocarbon
ORPH = oil-range petroleum hydrocarbons
TBD = to be determined

Table B-7
Groundwater Sample Laboratory Analysis Summary
Seattle DOT Dexter Parcel Site
615 Dexter Avenue North
Seattle, Washington

Sample Type	Sample Location	Well Type	Sample Name	Approximate Sample Depth (feet bgs)	Well Screen				Potential Source or Data Gap Area and Rationale	Total No. of Samples to Be Analyzed	Analyte	Analytical Method	Sample Container	Temperature/ Preservation Material	Analytical Holding Time
					Top of Screen Depth (feet bgs)	Bottom of Screen Depth (feet bgs)	Top of Screen Elevation (feet NAVD88)	Top of Screen Elevation (feet NAVD88)							
Groundwater															
Monitoring Wells	DMW-1S	Existing	DMW-1S-_DATE_	Middle of well screen or 2 to 3 feet below water level	17.0	27.0	38.94	28.94	--	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											BTEX	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
	DMW-2S	Existing	DMW-2S-_DATE_	Middle of well screen or 2 to 3 feet below water level	25.0	35.0	31.03	21.03	--	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
	DMW-4S	Existing	DMW-4S-_DATE_	Middle of well screen or 2 to 3 feet below water level	23.0	33.0	38.76	28.76	--	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
	DMW-8S-R	Replacement	DMW-8S-R-_DATE_	Middle of well screen or 2 to 3 feet below water level	22.0	37.0	36.6	21.6	Replace decommissioned wells DMW-7S and DMW-8S. Evaluate current groundwater environmental quality conditions with respect to COCs beneath the Dexter Avenue North ROW and obtain groundwater elevation data from non-submerged well screens.	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
	DMW-9S-R	Replacement	DMW-9S-R-_DATE_	Middle of well screen or 2 to 3 feet below water level	18.0	33.0	40.9	25.9	Replace decommissioned well DMW-9S. Evaluate current groundwater environmental quality conditions with respect to COCs beneath the Dexter Avenue North ROW and obtain groundwater elevation data from non-submerged well screens.	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
Monitoring Wells[(1)]	SES-MW01S	Proposed	SES-MW01S-_DATE_	Middle of well screen or 2 to 3 feet below water level	30.0	50.0	36.20	16.20	Further characterize groundwater conditions beneath the alley proximate to former boring 21417-GP5. Collect groundwater samples for evaluation of COCs and MNA parameters.	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days
	SES-MW02S	Proposed	SES-MW02S-_DATE_	Middle of well screen or 2 to 3 feet below water level	18.0	33.0	44.33	29.33	Further characterize groundwater conditions beneath the alley proximate to former soil boring HC-1 (an elevated GRPH concentration of 6,900 micrograms per liter was detected in a previous groundwater grab sample collected from former soil boring HC-1 by Hart Crowser on April 11, 2019). Collect groundwater samples for evaluation of COCs and MNA parameters and ISEB study.	1	GRPH	8015M/NWTPH-Gx	Two 40 mL glass VOA vials	4°C, HCl	14 days
											DRPH and ORPH	8015M/NWTPH-Dx	500 mL glass amber	4°C	7 days
											Benzene	EPA Method 8021B	40 mL glass VOA vials	4°C, HCl	14 days
											Nitrate	EPA Method 300.0	250 mL polyethylene	4°C	48 hours
											Sulfate	EPA Method 300.0	250 mL polyethylene	4°C	28 days
											Soluble Ferrous Iron	SM 3500Fe B	500 mL glass amber	4°C, HCl	24 hours
											Soluble Manganese	EPA 200.8	500 mL polyethylene	4°C, HNO_3 (Field Filtered)	6 months
											Methane	RSK-175	Three 40 mL glass VOA vials	4°C, HCl	14 days
											Alkalinity	SM 2320B	250 mL polyethylene	4°C	28 days

NOTES:

[(1)] Approximate well screen interval depths and elevations for proposed monitoring well SES-MW01S assume that the ground elevation will be similar to the elevation at former soil boring 21417-GP5 (66.20 feet NAVD88) and for proposed monitoring well SES-MW02S assume that the ground elevation will be similar to the elevation at former soil boring HC-1 (62.33 feet NAVD88).

°C = degrees Celsius
ASTM = ASTM International
bgs = below ground surface
btoc = below top of casing
BTEX = benzene, toluene, ethylbenzene, and total xylenes
DRPH = diesel-range petroleum hydrocarbons
EPA = US Environmental Protection Agency
GRPH = gasoline-range petroleum hydrocarbons
HCl = hydrochloric acid
HNO_3 = nitric acid
mL = milliliter
NAVD88 = North American Vertical Datum of 1988
NWTPH = Northwest Total Petroleum Hydrocarbon
ORPH = oil-range petroleum hydrocarbons
SM = Standard Method
TBD = to be determined
VOA = volatile organic analysis
VOC = volatile organic compound

ATTACHMENT A

Field Forms

FIELD REPORT

Client & Site Name/Number:		SoundEarth Project Number:	Date:
Site Address:		Purpose of Visit/Task #:	Field Report Prepared by:
Temp/Weather:	Permit Required to Work:	Time of Arrival/Departure (2400): _____ onsite to _____ offsite	Personnel Onsite:

Attachments:

SoundEarth Strategies

Project:
Project Number:
Logged by:
Date Started:
Surface Conditions:
Well Location N/S:
Well Location E/W:
Reviewed by:
Date Completed:

BORING LOG

Site Address:

Water Depth At Time of Drilling: feet bgs
Water Depth After Completion: feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0									
5									
10									
15									

Drilling Co./Driller:
Drilling Equipment:
Sampler Type:
Hammer Type/Weight: lbs
Total Boring Depth: feet bgs
Total Well Depth: feet bgs
State Well ID No.:

Well/Auger Diameter: inches
Well Screened Interval: feet bgs
Screen Slot Size: inches
Filter Pack Used:
Surface Seal:
Annular Seal:
Monument Type:

Notes/Comments:

SoundEarth Strategies

Project:
Project Number:
Logged by:
Date Started:
Surface Conditions:
Well Location N/S:
Well Location E/W:
Reviewed by:
Date Completed:

BORING LOG

Site Address:

Water Depth At Time of Drilling: feet bgs
Water Depth After Completion: feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppm)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15									
20									
25									
30									

Drilling Co./Driller:
Drilling Equipment:
Sampler Type:
Hammer Type/Weight: lbs
Total Boring Depth: feet bgs
Total Well Depth: feet bgs
State Well ID No.:

Well/Auger Diameter: inches
Well Screened Interval: feet bgs
Screen Slot Size: inches
Filter Pack Used:
Surface Seal:
Annular Seal:
Monument Type:

Notes/Comments:

SoundEarth Strategies

GROUNDWATER PURGE AND SAMPLE FORM
LOW FLOW PUMP

Sample Date:_____

General Info

Client: _____ Project #: _____

Site Name/ #: _____ Field/Sampling Personnel: _____ **Well ID Number:** _____

Well Details

Total Depth (TD)	Depth to Water (DTW) (Immediately Prior to Purging)	Water Column (WC) (=TD-DTW)	Casing Diameter Volume Conversion Factor (VC)					Casing Volume (=WC x VC)
			0.75"	1"	2"	4"	6"	
Feet BTOC	Feet BTOC	Feet BTOC	0.023	0.041	0.16	0.65	1.44	gallons

Screened Interval: _____ to _____ Feet bgs

Screen Submerged? ☐ **NO** ⟹ Place tubing intake 2 to 3 feet below depth to water.
☐ **YES** ⟹ Place tubing intake at approximate center of screen.

Equipment

Pump Method: ☐ Peristaltic ☐ Other: _____ Owner/ID #: _____ **Water Quality Meter** Brand/Model: _____ Owner/ID #: _____

Water Level Instrument: ☐ WL Meter ☐ Bubbler ☐ Interface ☐ Other: _____ Owner/ID #: _____

Sampling

Depth of Tubing Intake: _____ Feet BTOC Time Start Purge: _____

Time (3-5 min intervals)	Water Level (feet) drawdown <0.33 feet	**Purge Rate** (L/min) 0.1 – 0.5	**pH**[1] *± 0.1*	**Specific Conductivity**[1] **UNITS:** _____ *± 3%*	**Turbidity**[1] (NTU) *If ≥10, ±10% if <10, stabilized*	**Dissolved Oxygen**[1] (mg/L) *If ≥1.00, ± 10% if ≤1.00, ± 0.2*	Temperature (ºC)	ORP (mV)
Minimum # of Readings								

Sample Time: _____ **Field Duplicate Sample Time:** _____ **Time Sampling Ended:** _____

Sampling Comments: _____

Analytical

Sample Number/ID	Number of Containers and Type	Preservative	Field Filtered?			Analysis Request
			No	0.45	0.10	
			No	0.45	0.10	
			No	0.45	0.10	
			No	0.45	0.10	
			No	0.45	0.10	
			No	0.45	0.10	

Purge Water

Sheen? ☐ NO ☐ YES **Odor?** ☐ NO ☐ YES ⟹ Describe: _____ Color (describe): _____

Total Discharged (1gal = 3.88 liter): _____ gallons Disposal Method: ☐ Drummed ☐ Remediation System ☐ Other: _____

Well Condition

Well/Security Devices in good condition (i.e.: Monument, Bolts, Seals, J-cap, Lock)? ☐ YES ☐ NO ⟹ Describe: _____

Water in Monument? ☐ NO ☐YES ⟹ Describe: _____

Additional Well Condition Comments or Explanation of any Access Issues: _____

[1]At minimum, pH, specific conductivity, and turbidity or dissolved oxygen must stabilize within the limits (indicated in *italics*) for three successive readings prior to sampling.

SoundEarth Strategies

GROUNDWATER PURGE AND SAMPLE FORM
LOW FLOW PUMP – *Continued*

General Info

Client: ________________ Project #: ________________________

Site Name/ #: ________________ Field/Sampling Personnel: ________________________ **Well ID Number:** ______________________

See Page 1 for well construction and purge water information

Sample Date: ________________ **Sample Time:** ____________ **Field Duplicate Sample Time:** ______________ **Time Sampling Ended:** ______________

Sampling *(Continued from Page 1)*

Time (3-5 min intervals)	Water Level (feet) drawdown <0.33 feet	**Purge Rate** (L/min) 0.1 – 0.5	**pH**[1] *± 0.1*	**Specific Conductivity**[1] UNITS: ________ *± 3%*	**Turbidity**[1] (NTU) *If ≥10, ±10%* *if <10, stabilized*	**Dissolved Oxygen**[1] (mg/L) *If ≥1.00, ± 10%* *if ≤1.00, ± 0.2*	Temperature (ºC)	ORP (mV)

Additional Sampling Comments: ____

[1]At minimum, pH, specific conductivity, and dissolved oxygen or turbidity must stabilize within the limits (indicated in *italics*) for three successive readings prior to sampling.

FRIEDMAN & BRUYA, INC.	
Client:	
Sample ID:	
Date Sampled:	Time:
Project:	
Analysis Request:	
Preservative:	

SAMPLE CHAIN OF CUSTODY

Send Report To_____

Company_____

Address_____

City, State, ZIP_____

Phone #_____Fax #_____

Email Address

SAMPLERS *(signature)*	
PROJECT NAME/NO.	PO #
PROJECT ADDRESS	
• ELECTRONIC DATA REQUESTED	

Page # _____ of _____

TURNAROUND TIME
- Standard Turnaround
- RUSH_____

Rush charges authorized by:
_____

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

						ANALYSES REQUESTED											
Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS						Notes

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

FORMS\COC\COC.DOC

DRUM INVENTORY SHEET

Site Name: _____

Site Address: _____

Reason for Site Visit: _____

Date of Inventory: _____

Field Personnel: _____

_____

Drum #[1] (eg. 001)	Content Information	Date(s) Accumulated	Fullness (%)	Sample Analysis Performed?	Composite Soil Sample (RCRA 8 metals)[2] (Y/N)	Saturated Soil[3] (Y/N)	Drum Labeled (Y/N)	Drum Location Photo (Y/N)	Drum Access[4]
Eg. 001	Soil, B05, 5'-15'	2/3/10	100%	Gx, BTEX	Y	N	Y	Y	Combo lock #xxxx
Eg. 002	Purge Water	2/3/10	100%	Gx, BTEX	N/A	N/A	Y	Y	Combo lock #xxxx

NOTES:

[1]Drum #— Write the Drum # on the drum lid, as well as on the non-hazardous or hazardous waste labels.

[2]Composite Soil Sample—For all sites, collect one composite soil sample from each drum onsite. Place sample on hold at the laboratory, for future RCRA 8 metals analysis. Collect sample in one-4 ounce jar.

[3]Saturated soil—Add bentonite chips or kitty litter to the water that has accumulated or may accumulate inside the drum. Bentonite chips available in the garage.

[4]Drum access for pickup—(eg. fenced, owner notification, lock combination?)

NON-HAZARDOUS WASTE

GENERATOR INFORMATION (Optional)

SHIPPER _____

ADDRESS _____

CITY, STATE, ZIP _____

CONTENTS _____

_____

NON-HAZARDOUS WASTE

APPENDIX C

HART CROWSER SOIL AND GROUNDWATER ANALYTICAL TABLES

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 5-4
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-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
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-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-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-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-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-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
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-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	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					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-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	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					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-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	2-Hexa none	2-Phenyl butane (sec-Butyl benzene)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					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**	0.00138 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 5-10
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	100 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-117	N	57.78	40 to 55	2.78 to 17.78	MW	12/18/2013	100 U	-	50 U	-	-	250 U	-	250 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 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.
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	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
	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					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	-	-	-	-	-	-	-	-	-	-	-	-	-	-

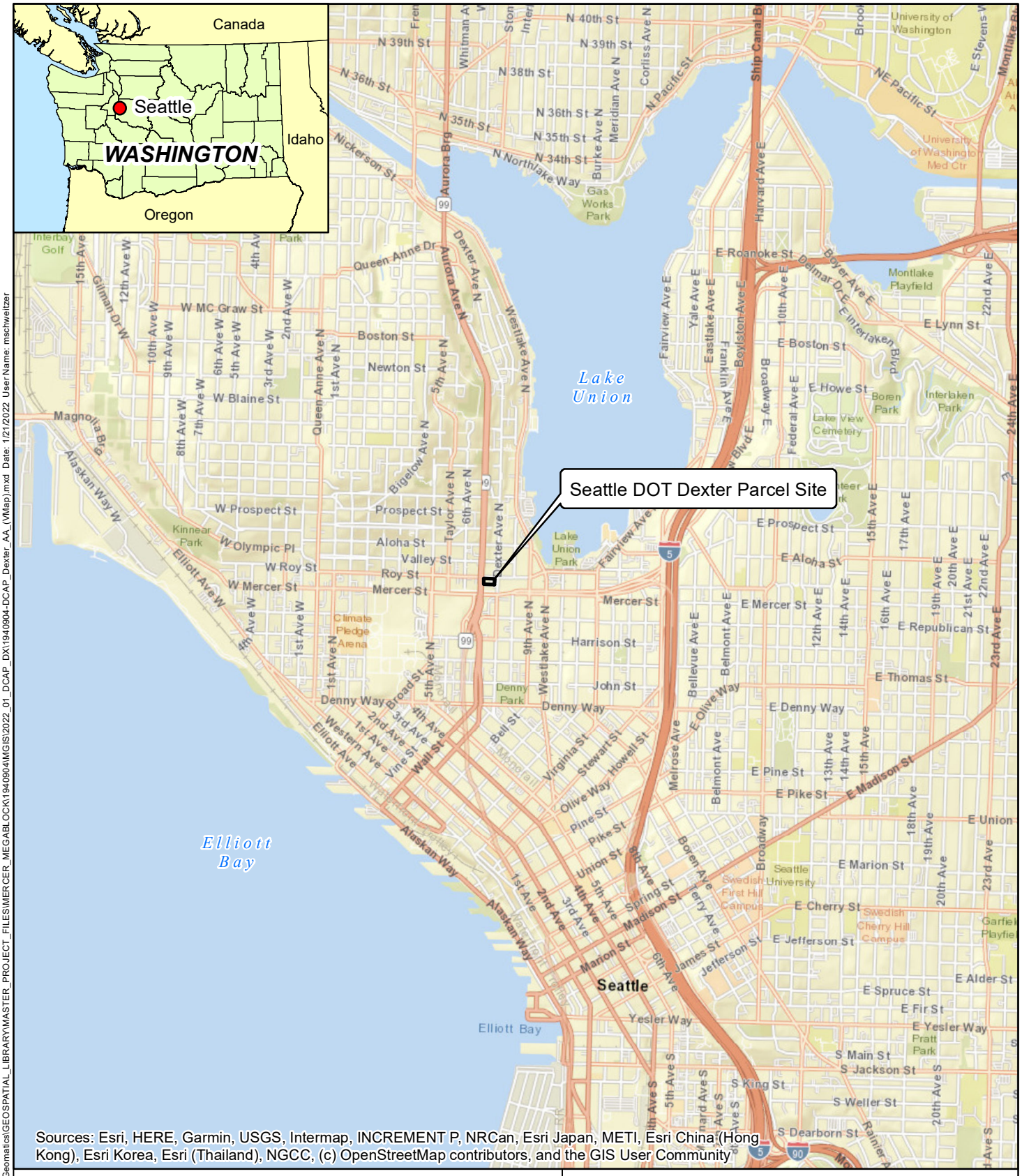
Notes:
Bold indicates a detected concentration at or above the laboratory reporting limit.
Elevations relative to North American Vertical Datum of 1988 (NAVD88).
- = Data not available or applicable.
FD = Field duplicate.
ft = feet.
G = Grab groundwater sample.
J = Value is estimated.
MW = Monitoring 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.

APPENDIX D
HART CROWSER FIGURES



0 0.25 0.5 1 Miles

N

Seattle DOT Dexter Parcel Site
Seattle, Washington

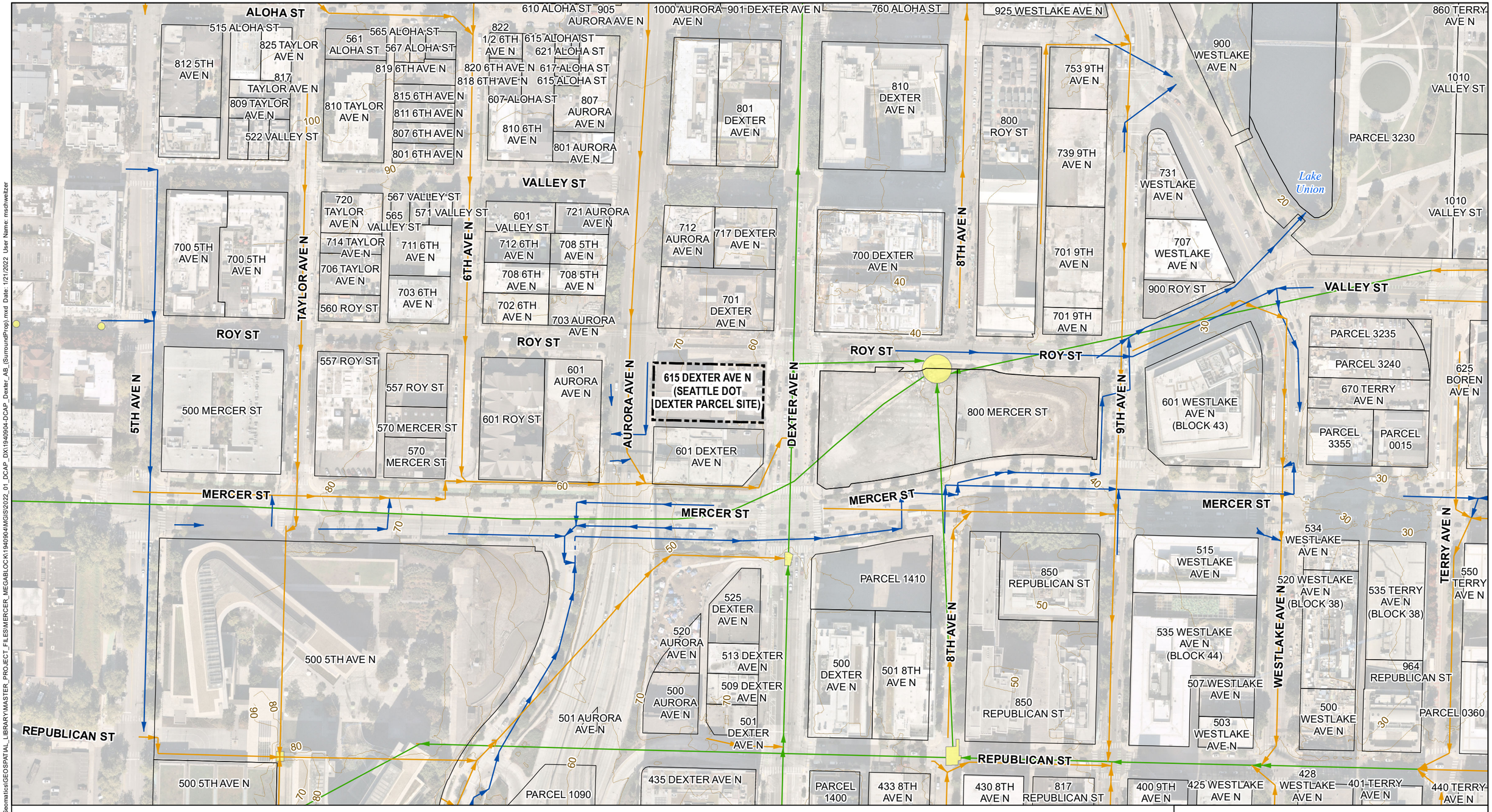
Vicinity Map

19409-04 01/22

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\2022_01_DCAP_DX\1940904-DCAP_Dexter_AA_(VMap).mxd Date: 1/21/2022 User Name: mschweitzer



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)

0 90 180 360 Feet

N

Sources: Aerial photograph provided by Nearmap, dated September 21, 2021. Address information obtained from King County GIS Open Data portal's Parcel Address Area shapefile, published April 4, 2019. Stormwater line data obtained from City of Seattle ArcGIS Online data, published August 6, 2019.

Seattle DOT Dexter Parcel Site
Seattle, Washington

Site Conditions Map

19409-04 01/22

HARTCROWSER
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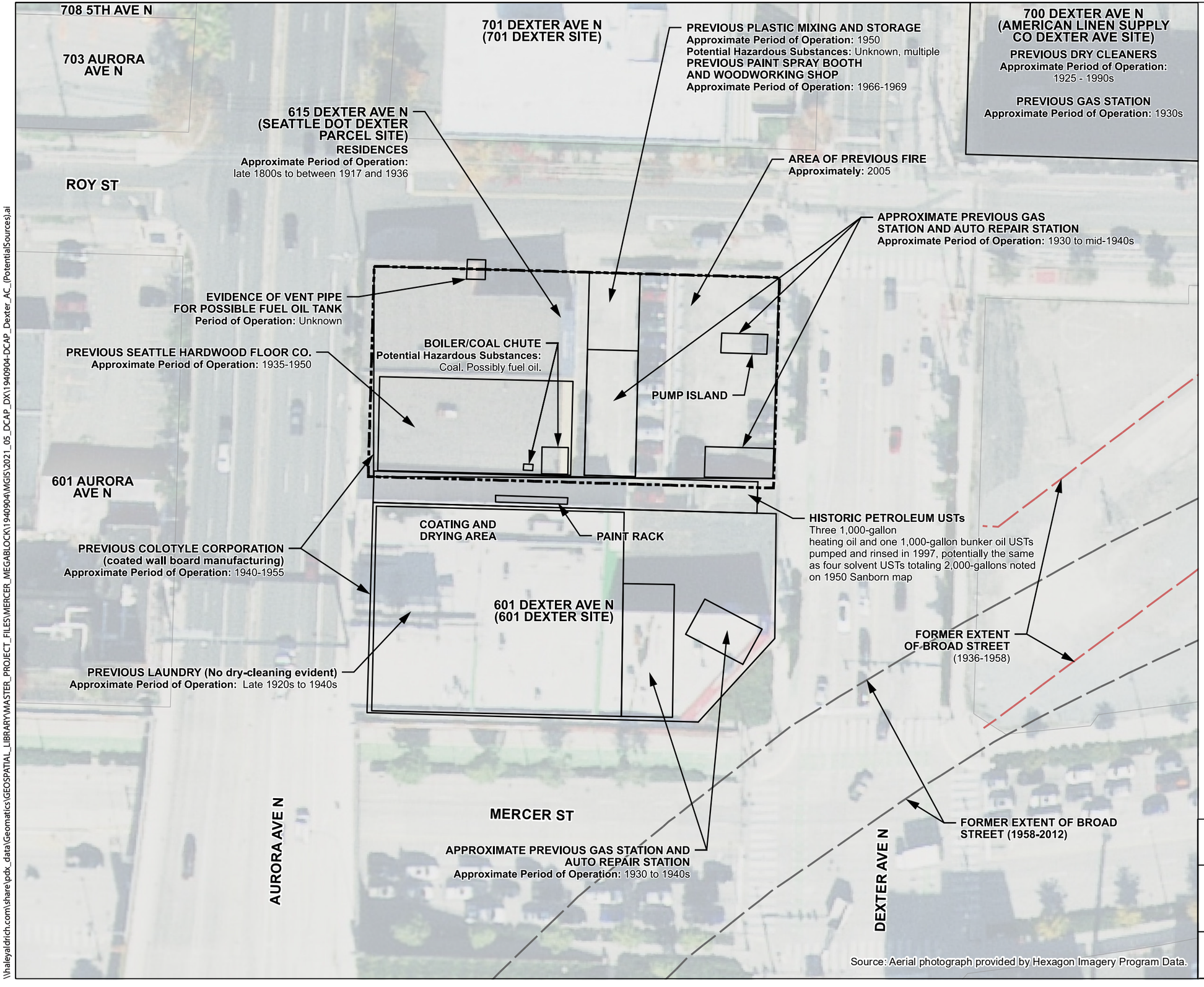
Figure
2-1

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\19409041MGIS\2022_01_DCAP_DX\19409041MGIS\2022_01_DCAP_DX\19409041MGIS\2022_01_DCAP_Dexter_AB_(SurroundProp).mxd Date: 1/21/2022 User Name: mschweitzer



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Seattle DOT Dexter Parcel Site
Seattle, Washington

Historical Property Features and Uses

19409-04 01/22

HARTCROWSER
A division of Haley & Aldrich

Figure
2-2

703 AURORA AVE N
701 DEXTER AVE N
700 DEXTER AVE N
ROY ST
601 AURORA AVE N
AURORA AVE N
601 DEXTER AVE N
DEXTER AVE N
800 MERCER ST
MERCER ST
APPROX. 10-FT RETAINING WALL
Approximate Previous Gas Station and Auto Repair Station
Pump Island
A
A'
B
B'
MW-305
B-309
MW-307
MW-306
21417-GP1
DPP-1
DPP-5
DMW-6
DPP-3
21417-GP3
BB-10
DPP-6
DMW-3IA
DGW-2
21417-GP2
DMW-7S
DGW-1
DMW-2S
DMW-8S
DPP-4
DPP-2
DMW-1S
DGW-3
21417-GP4
GP-9
MW-117
DGW-4
DMW-13S
DMW-14S
21417-GP7
21417-GP6
DMW-12S
21417-GP5
HC-1
DMW-9S
DMW-5IA
HC-2
DMW-4S
HC-5
GP-8
MW-1
DMW-11S
DMW-10S
HC-3
HC-4
GP-7
GP-14
GP-17
GP-20
B-320
MERCER ST

Source: Aerial photograph provided by Nearmap, dated September 21, 2021.

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
- 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 01/22

HARTCROWSER A division of Haley & Aldrich

Figure **2-3**

Document Path: \\haleyaldrich.com\share\pdx_data\Geomatics\GEOSPATIAL_LIBRARY\MASTER_PROJECT_FILES\MERCER_MEGABLOCK\19409\04\MGIS\2022_01_DCAP_DX\19409\04-DCAP_Dexter_AD_(SPlan).mxd Date: 1/21/2022 User Name: mschweitzer

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-2S EL 56.0
DMW-8S EL 58.6
DGW-1 EL 56.0
DMW-1S EL 55.9
21417-GP4 EL 55.8
DPP-2 EL 66.2
DPP-4 EL 66.3
DGW-3 EL 56.1
DMW-12S EL 66.0
GP-9 EL 58.0
DGW-4 EL 69.9
DMW-14S EL 70.3
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
GP-8 EL 58.3
MW-1 EL 61.7
DMW-11S EL 61.1
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)
- NO DATA

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 LEVEL SELECTION PROCESS IS DISCUSSED IN THE RI REPORT

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

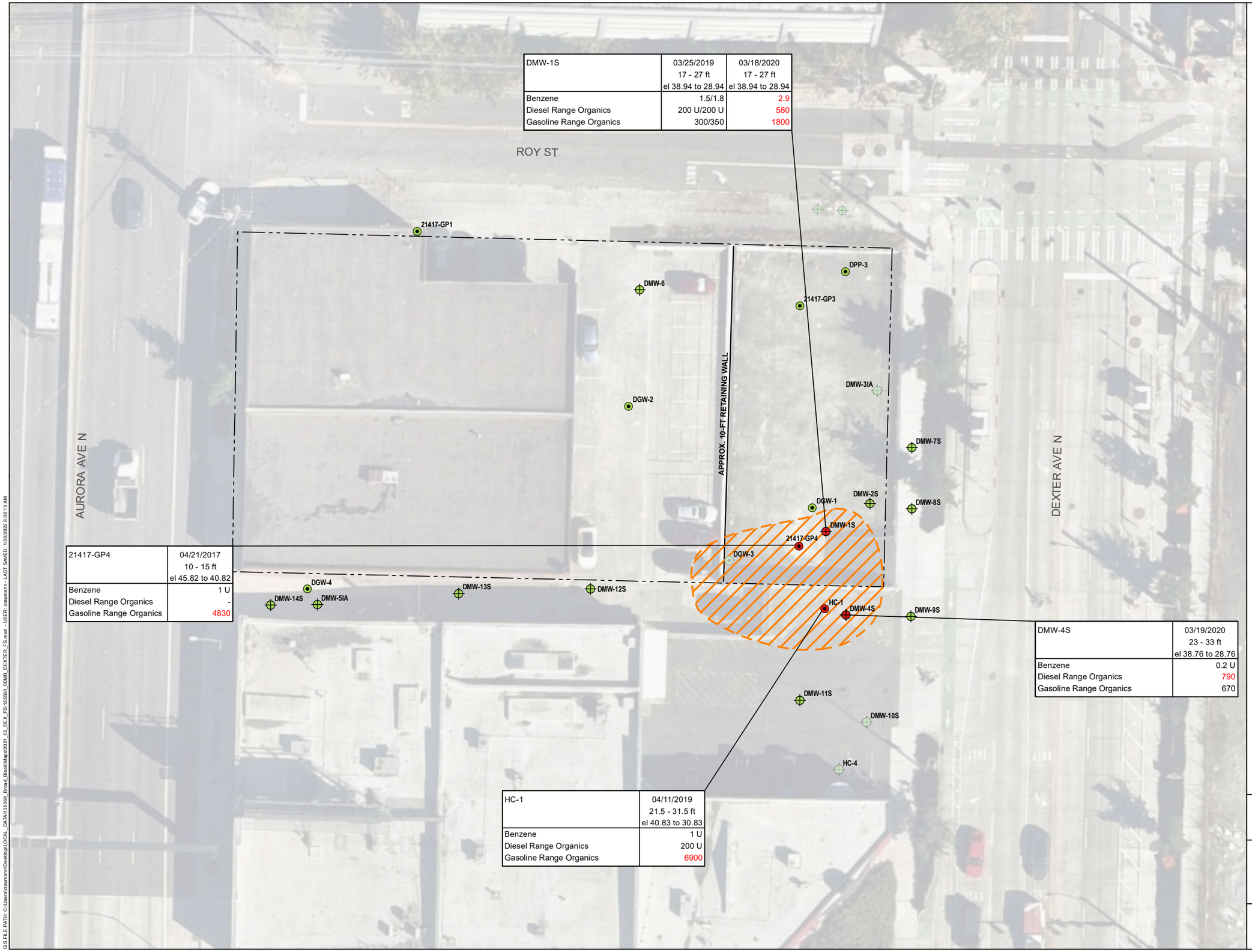
Seattle DOT Dexter Parcel Site
Seattle, Washington

GRO Distribution in Soil

19409-04 10/21

HARTCROWSER
A division of Haley & Aldrich

Figure
2-4



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 GRO, DRO, AND BENZENE GROUNDWATER (µg/L)		
CONSTITUENT	PROTECTIVE OF DRINKING WATER	PROTECTIVE OF INDOOR AIR
Gasoline Range Organics (GRO)	800	-
Diesel Range Organics (DRO)	500	-
Benzene	5	2.4

DATA SHOWN IS FROM 2017-2020

RED TEXT INDICATES EXCEEDANCE OF PROTECTIVE OF DRINKING WATER OR INDOOR AIR SCREENING LEVELS

CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER (µg/L)

SCREENING LEVEL SELECTION PROCESS IS DISCUSSED IN THE RI REPORT

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

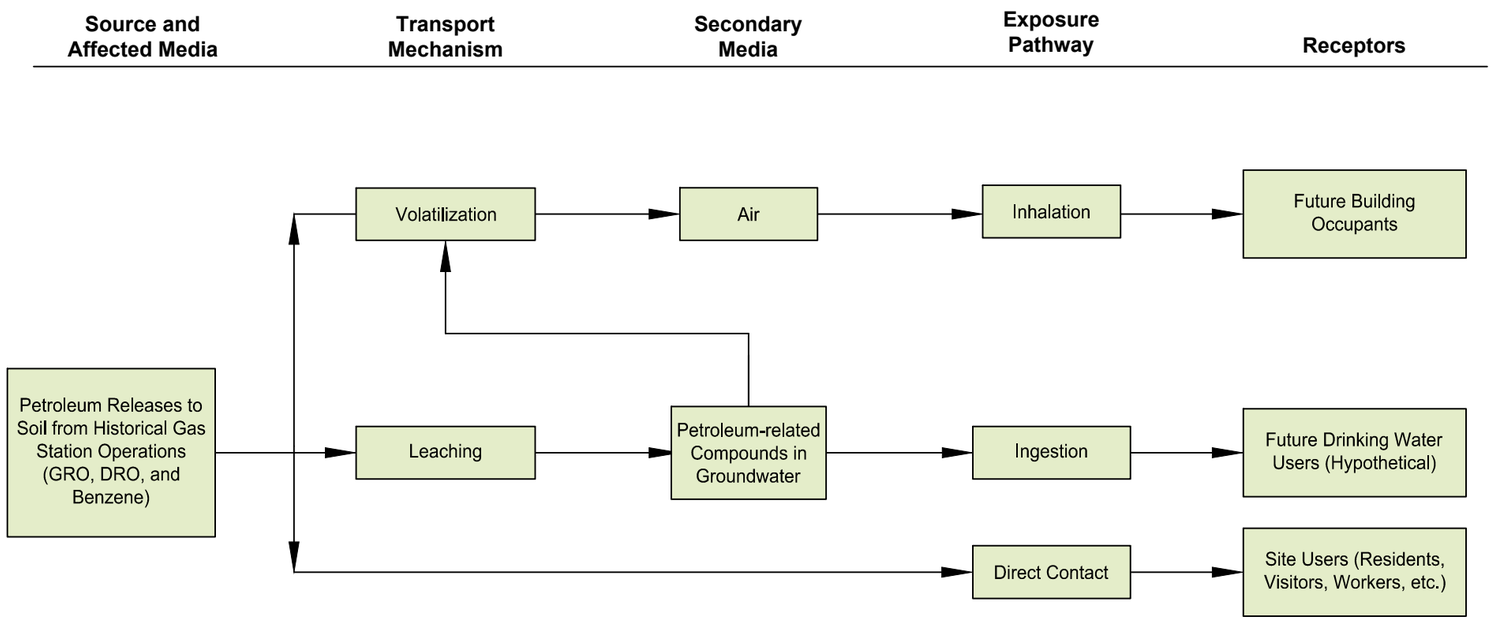
Seattle DOT Dexter Parcel Site
Seattle, Washington

GRO, DRO, and Benzene Distribution in Groundwater

19409-04 01/22

HARTCROWSER A division of Haley & Aldrich

Figure **2-5**



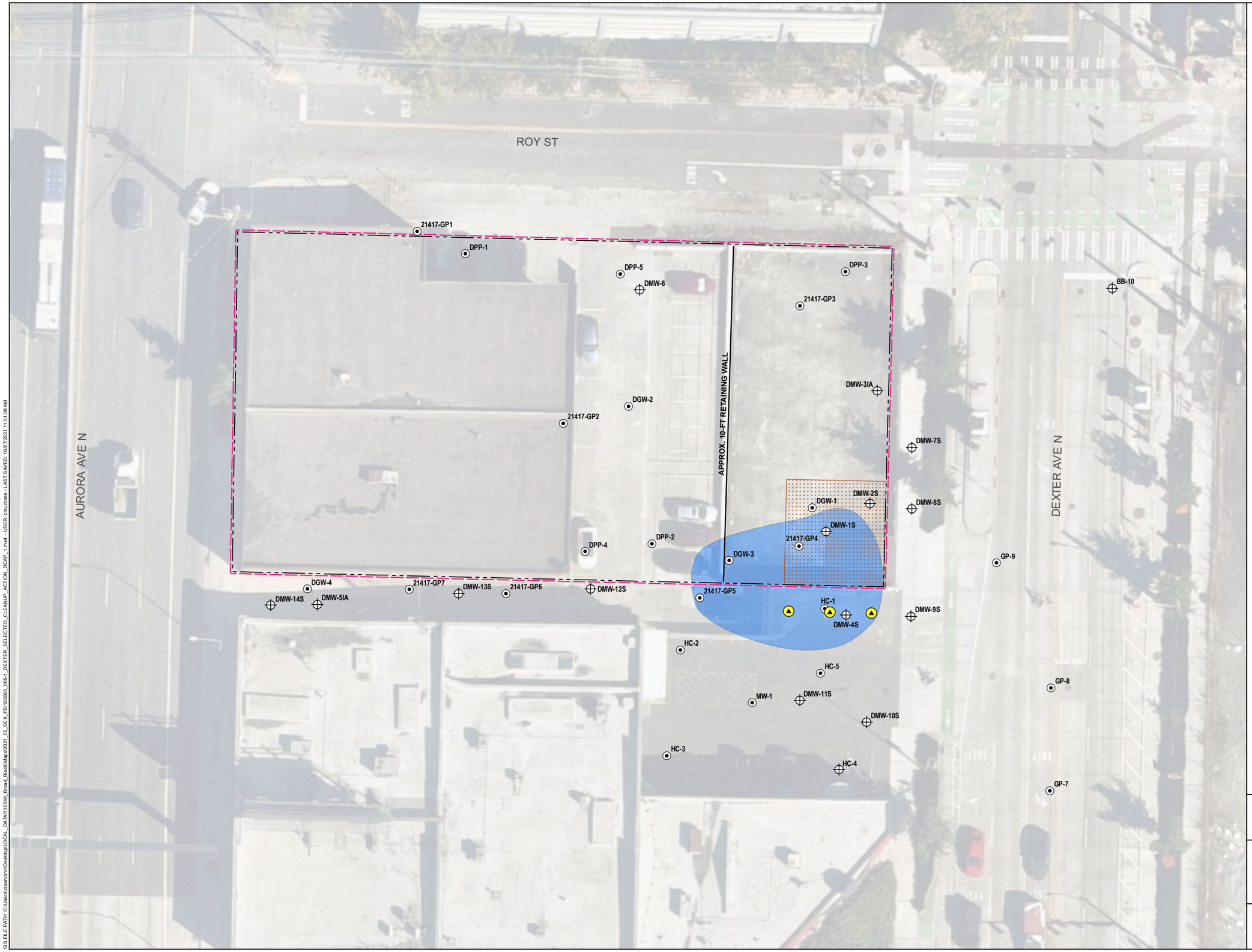
Seattle DOT Dexter Parcel Site
Seattle, Washington

Contaminant Sources, Exposure Pathways, and Receptors

19409-04 01/22

HARTCROWSER A division of Haley & Aldrich

Figure
2-6



LEGEND

- SOIL BORING
- MONITORING WELL
- APPROXIMATE LOCATION OF OXYGEN RELEASE COMPOUND (ORC) INJECTION POINT
- ESTIMATED AREA OF PETROLEUM-CONTAMINATED SOIL TO BE REMOVED FROM THE SITE
- APPROXIMATE AREA OF MONITORED NATURAL ATTENUATION (MNA)
- PROPOSED REDEVELOPMENT EXCAVATION, BUILDING FOOTPRINT, AND VAPOR BARRIER AREA
- PROPERTY BOUNDARY

ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE

AERIAL IMAGERY SOURCE: NEARMAP, AUGUST 28, 2020

0 15 30 60 Feet

N

Seattle DOT Dexter Parcel Site
Seattle, Washington

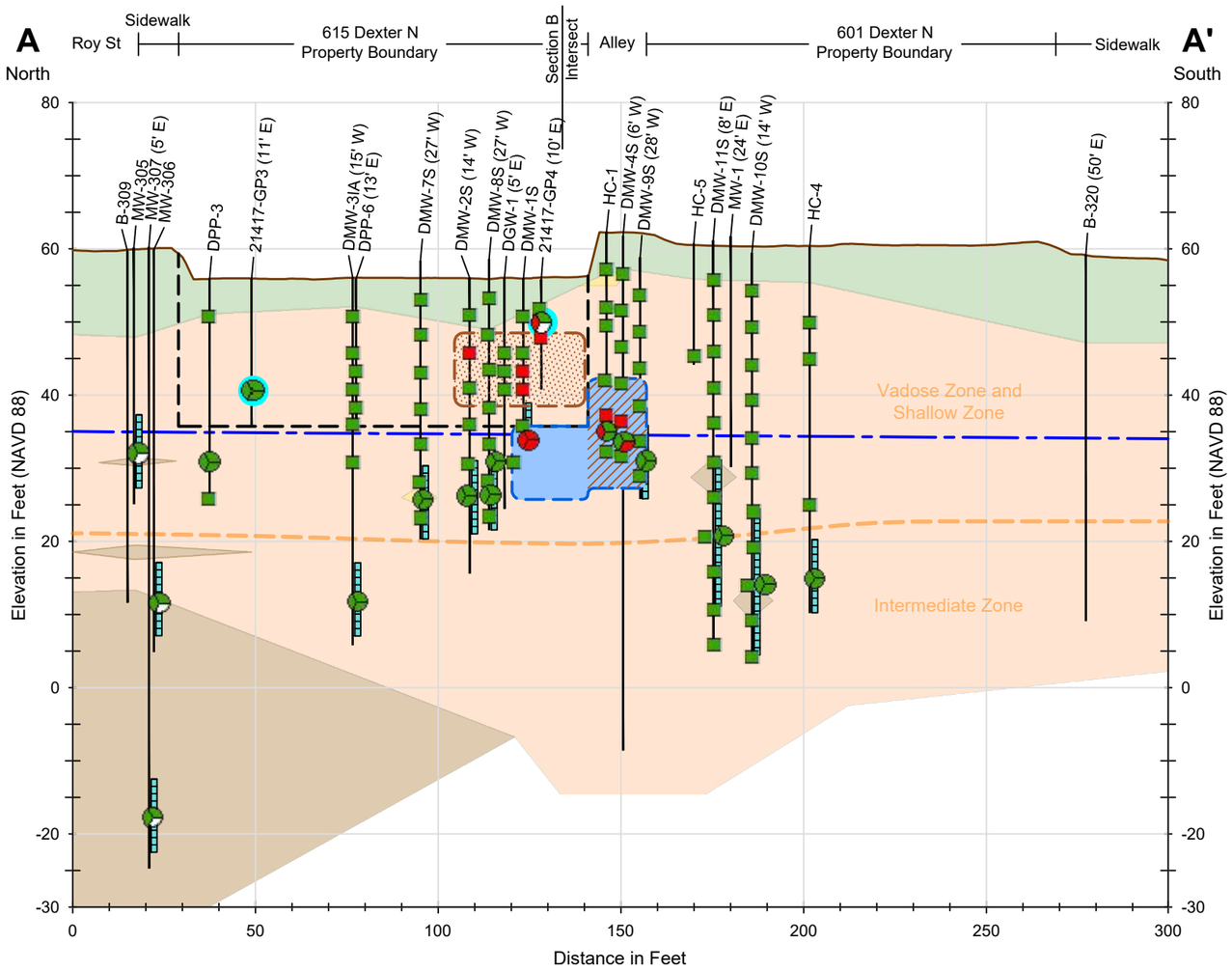
Selected Cleanup Action

19409-04 01/22

HARTCROWSER
A division of Holey & Aldrich

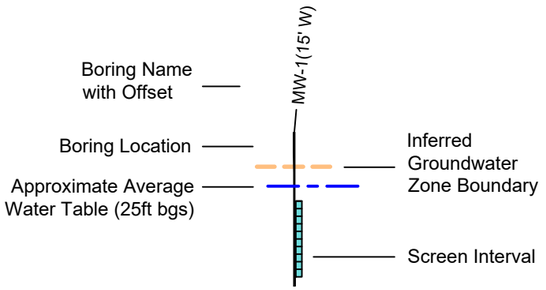
Figure
5-1

GIS FILE PATH: C:\Users\craumann\Desktop\LOCAL_DATA\135568_Broad Block\Maps\2021_05_DEX_FS\135568_005-1_DEXTER_SELECTED_CLEANUP_ACTION_DCAP_1.mxd - USER: craumann - LAST SAVED: 10/27/2021 11:51:38 AM



Legend

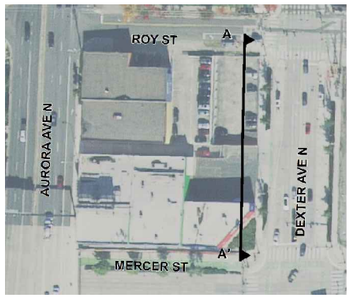
- Monitored Natural Attenuation (MNA)
- Off-Property In Situ Enhanced Bioremediation
- Remedial Excavation



Approximate Limits of Proposed Excavation and Vapor Barrier Area 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

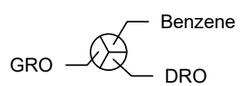
Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Soil	Cleanup Level (mg/kg)
Gasoline Range Organics[1]	30

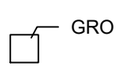
GW	Cleanup Level (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

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

GROUNDWATER SAMPLE



SOIL SAMPLE



green = Constituent(s) below cleanup level

red = Constituent(s) above cleanup 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.

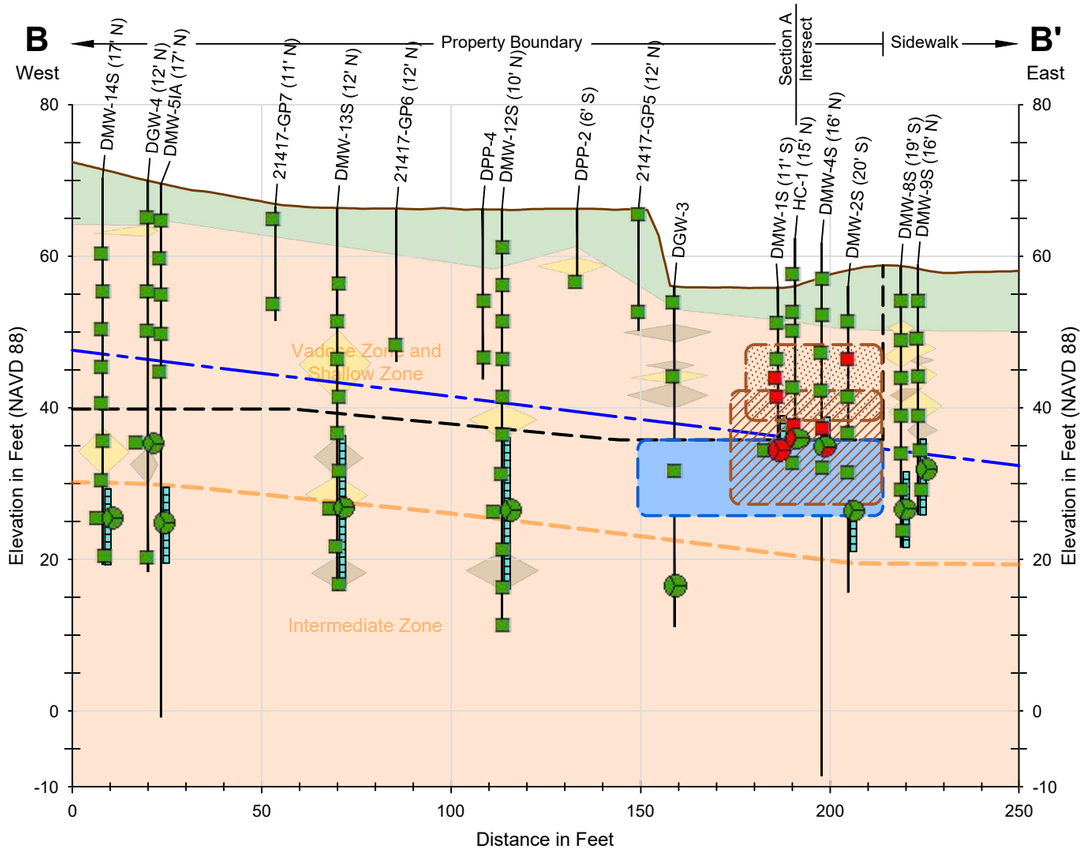
Seattle DOT Dexter Parcel Site
Seattle, Washington

Selected Cleanup Action Cross Section A-A'

19409-04 01/22

HARTCROWSER A division of Haley & Aldrich

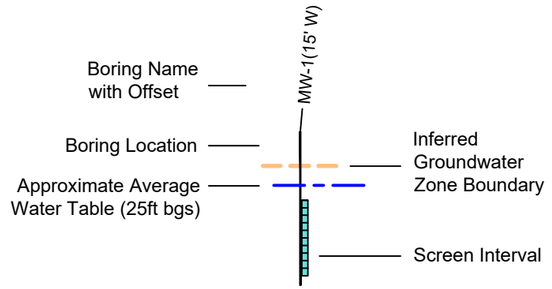
Figure **5-2a**



Legend

- Monitored Natural Attenuation (MNA)
- Off-Property In Situ Enhanced Bioremediation
- Remedial Excavation

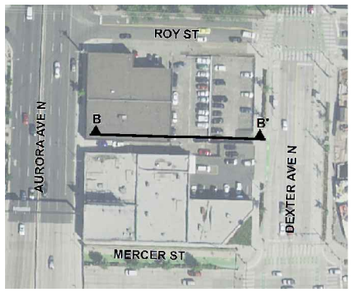
This cross section was cut on-property. Any off-property features have been projected onto this section.



Approximate Limits of Proposed Excavation and Vapor Barrier Area 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

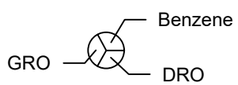
Horizontal Scale in Feet
0 40 80
0 20 40
Vertical Scale in Feet
Vertical Exaggeration x 2

Soil	Cleanup Level (mg/kg)
Gasoline Range Organics[1]	30

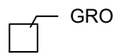
GW	Cleanup Level (µg/L)
Gasoline Range Organics[2]	800
Diesel Range Organics[2]	500
Benzene[3]	2.4

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

GROUNDWATER SAMPLE



SOIL SAMPLE



green = Constituent(s) below cleanup level

red = Constituent(s) above cleanup level

white = Constituent(s) not tested

Explorations DMW-1S, DMW-9S, and DPP-4 have been shifted horizontally for visual clarity.

Seattle DOT Dexter Parcel Site
Seattle, Washington

Selected Cleanup Action
Cross Section B-B'

19409-04 01/22

HARTCROWSER
A division of Haley & Aldrich

Figure
5-2b