REMEDIAL INVESTIGATION / FEASIBILITY STUDY AND CLEANUP ACTION PLAN

The Eight Redevelopment
10770 (formerly 10630) NE 8th Street
Bellevue, Washington

Facility Site ID #11652, Cleanup Site ID #12896

Prepared for: SCD NE8th LLC

Project No. 180587 • April 26, 2022 FINAL

Aspect CONSULTING

earth + water

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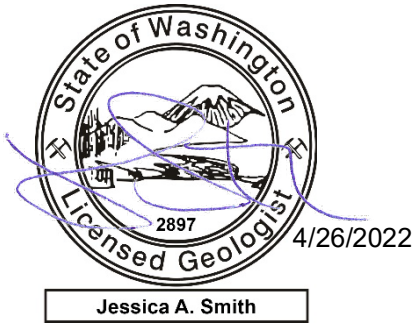

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Contents

List of Tables

List of Figures

List of Appendices

Acronyms

Aspect	Aspect Consulting, LLC
CAP	cleanup action plan
CAR	cleanup action report
COPC	contaminants of potential concern
CSCSL	Suspected Contaminated Sites List
CSM	conceptual site model
DCA	disproportionate cost analysis
EC	Engineering Controls
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
FS	feasibility study
IC	Institutional Controls
mg/kg	milligrams per kilograms
MNA	monitored natural attenuation
MTCA	Washington State Model Toxics Control Act
NFA	No Further Action
PCE	perchloroethylene
RAO	remedial action objectives
RI	remedial investigation
TCE	trichloroethene
TPH	total petroleum hydrocarbons
USCS	United Soil Classification System
UST	underground storage tank
VC	vinyl chloride
VCP	Voluntary Cleanup Program
VOC	volatile organic compound
WAC	Washington Administrative Code
µg/L	micrograms per liter

Executive Summary

Aspect Consulting, LLC (Aspect) has prepared this report to present the results of the remedial investigation (RI) / feasibility study (FS) and cleanup action plan (CAP) for the property (King County parcel 1544600150) located at 10770 (formerly 10630) NE 8th Street in Bellevue, Washington (herein referred to as the Subject Property; Figure 1). The Central Building located on the Subject Property formerly operated as a dry cleaner and subsequently as an auto service facility between the 1950s and 2000s, which resulted in releases of chlorinated solvents and petroleum products to soil and groundwater. The buildings located on the Subject Property were demolished in 2021 and the Subject Property is currently undergoing redevelopment into a high-rise office building with ground-level retail and several levels of underground parking that will require mass excavation of soil across the Subject Property extending approximately 60 feet below the ground surface (bgs). The redevelopment is referred to as The Eight.

The purpose of this RI/FS is to collect and evaluate sufficient information to develop a conceptual site model (CSM) and, based on the CSM, develop and evaluate cleanup action alternatives to enable selection of a cleanup action. The objective of the CAP is to outline the cleanup action as determined by the FS. The RI, FS, and CAP were completed to meet the requirements of the Washington State Model Toxics Control Act (MTCA) cleanup regulation, Chapter 173-340 of the Washington Administrative Code (WAC) and other applicable regulations.

During subsurface investigations completed as part of a due diligence effort on behalf of a former prospective purchaser, releases of petroleum hydrocarbons and chlorinated solvents to soil and groundwater were identified and reported to Washington State Department of Ecology (Ecology) in July 2011. Ecology listed the Subject Property on the Confirmed and Suspected Contaminated Sites List (CSCSL) with Cleanup Site identification number 12896. The property has not been enrolled in the Voluntary Cleanup Program (VCP); however, Skanska will implement the CAP described in this report as an independent cleanup and following completion of remedial actions will enroll into the VCP with the objective of obtaining a determination from Ecology that no further remedial action is necessary at the Site (a No Further Action [NFA] determination). The results of the cleanup action will be documented in a cleanup action report (CAR) submitted for Ecology's review following construction/cleanup completion.

Based on the results of previous investigations and the RI, soil contamination at the Subject Property is present near the former Central Building to depths of approximately 40 feet bgs. Additionally, contaminated shallow discontinuous groundwater was also present between approximately 9 and 40 feet bgs near the former Central Building. Soil gas was also analyzed and contaminant concentrations were not detected above the MTCA Method B screening levels for unrestricted use. The Site, as defined in MTCA as anywhere where contamination has come to be located, consists of the contaminated soil and shallow discontinuous groundwater areas, and is located wholly within the Subject Property boundaries.

The following contaminants of concern have been identified above the MTCA cleanup levels on the Subject Property:

- Gasoline- and diesel-total petroleum hydrocarbons (TPH) in soil and shallow groundwater
- Benzene in shallow groundwater only
- PCE in soil and shallow groundwater
- VC in shallow groundwater only
- Arsenic in deep groundwater only (attributed to natural conditions)

The cleanup levels proposed for the Site are MTCA Method A or B cleanup levels, which are the most stringent of the established cleanup levels under MTCA for protection of human health and the environment and are appropriate for the Site based on current and future development as a commercial/retail space in the urban core of downtown Bellevue. The points of compliance proposed for the Site are the standard points of compliance for soil and groundwater.

Three cleanup alternatives were developed for evaluation in the FS (Section 6):

- **Alternative 1 –** Non-redevelopment of the Subject Property. This alternative assumes *in situ* treatment through monitored natural attenuation (MNA) of impacted soil and groundwater. No Engineering Controls (ECs) would be installed as part of this alternative. This alternative may require Institutional Controls (ICs) for the Subject Property to prevent exposure to impacted soil or groundwater during treatment.
- **Alternative 2 –** Remedial excavation concurrent with mass excavation to 60 feet bgs per mean sea level (msl) within the redevelopment footprint, which includes permitted off-Site disposal of impacted soils and groundwater. This alternative assumes that the extent of the impacted soils present are within the planned excavation and that all shallow groundwater contamination is contained within the Subject Property. No ECs would be installed as part of this alternative as the planned excavation is designed to serve as the remedial action for the shallow zone contamination. No ICs are anticipated for this alternative and the goal of the remedial action is to lead to a Sitewide NFA determination from Ecology.
- **Alternative 3 –** Remedial excavation, disposal of contaminated soil, and installation of ECs as in Alternative 2. However, this option includes the management of impacted shallow groundwater outside of the planned redevelopment footprint (off of the Subject Property), if present. This would result in ICs being applied to the impacted areas, if any, likely resulting in a property-specific NFA determination from Ecology.

The three cleanup alternatives were evaluated and compared against the remedial action objectives (RAOs) and the requirements of MTCA-governing cleanup actions (WAC 173-340-360(2)). The selected remedial alternative, based on the threshold and screening criteria outlined in the FS, is Alternative 2 – Remedial excavation and removal of contaminated groundwater from the Subject Property.

A CAP (Section 7) was developed to implement Alternative 2 and includes the following actions:

- **Remedial Excavation –** All contaminated soil and groundwater at the Site is located within the redevelopment construction shown on Figure 11 and will be excavated concurrently with the redevelopment mass excavation to a maximum elevation of 115 feet NAVD88 (approximately 60 feet below existing site grade). This excavation will completely remove all Site-contaminated soil and shallow discontinuous groundwater. Mass excavation will include installation of a temporary shoring wall to consist of a combination of soldier piles, tie backs, and timber lagging. Excavated soil and perched groundwater will be disposed of off property at permitted disposal facilities in accordance with applicable regulations.

This executive summary should only be used in the context of the full report.

1 Introduction

Aspect Consulting, LLC (Aspect), on behalf of SCD NE8th LLC, has prepared this report to present the results of the remedial investigation (RI), feasibility study (FS) and cleanup action plan (CAP) for the Redevelopment project referred to as The Eight located at 10770 (formerly 10630) NE 8th Street in Bellevue, Washington (Subject Property; Figure 1). The Subject Property formerly operated as a dry cleaner and subsequently as an auto service facility between the 1950s and 2000s, which resulted in releases of chlorinated solvents and petroleum products to soil and groundwater.

The purpose of this RI/FS is to collect and evaluate sufficient information to develop and evaluate cleanup action alternatives to enable selection of a cleanup action in accordance with Washington Administrative Code (WAC) 173-340-360 through -390. The objective of the CAP is to describe the cleanup action as determined by the FS in accordance with WAC 173-340-380. The RI/FS and CAP have been completed to meet the requirements of the Washington State Model Toxics Control Act (MTCA) cleanup regulation Chapter 173-340 WAC and other applicable regulations.

1.1 Report Organization

This RI/FS and CAP report has been organized in accordance with Washington State Department of Ecology's (Ecology) RI, FS, and CAP Checklist Guidance documents (Publication Nos. 16-09-006 and 16-09-007, respectively) dated May 2016 and includes the following:

- **Section 2 – Site Description and Background,** provides a description of the Subject Property, a definition of the Site and property and presents a summary of the background information, including the environmental setting, a historical use of the property/vicinity, and regulatory involvement.
- **Section 3 – Remedial Investigation Results,** provides the scope of work and results of the RI, including a summary of the historical environmental studies/actions and screening/cleanup levels used to evaluate the soil, groundwater, and soil vapor data collected for the RI to facilitate Site characterization.
- **Section 4 – Conceptual Site Model,** presents the sources and nature and extent of concentrations of hazardous substances in soil and groundwater at the Site, and a preliminary assessment of potential receptors and exposure pathways.
- **Section 5 – Proposed Cleanup Standards,** presents cleanup levels and points of compliance for soil and groundwater.
- **Section 6 – Feasibility Study,** includes a summary of cleanup standards, remedial action objectives (RAOs), and applicable laws and regulations; the results of the screening and detailed evaluation of feasible alternatives; and a description of the recommended remedial alternative.
- **Section 7 – Cleanup Action Plan,** presents the CAP for the selected remedial action.

2 Site Description and Background

This section describes the Subject Property location and a summary of ownership and operational history, including regulatory actions. The information presented in this section is generally summarized from research completed by others; the cited reports should be referenced for additional information and detail.

2.1 Project Location and Description

The Subject Property is a commercial property totaling 1.77 acres (defined as tax parcel no. 154460-0150) at the northwest corner of the intersection of NE 8th Street and 108th Avenue NE in the southwest Quarter of Township 25, Section 29, Range 5 within the City of Bellevue in King County, Washington. The Subject Property is zoned by the City of Bellevue as DT-O-2-N for downtown office uses. Until property-wide demolition in April 2021, improvements included three commercial retail buildings referred to as the West Building, Central Building, and East Building (Figure 2), paved parking areas, and landscaped planter strips.

2.1.1 *Current and Future Site Use*

At the time of this report, the Subject Property has been cleared of all structures and is in active redevelopment construction. The future intended use consists of a high-rise office tower with ground-level retail and subgrade parking. Construction of the subgrade parking will require full-property mass excavation to approximately 60 feet below ground surface (bgs) (Elevation 115), including installation of a shoring wall consisting of soldier piles, timber lagging, and tie backs situated generally along the Subject Property boundary. Mass excavation, beginning with installation of the shoring wall, began in May 2021 and ended in November 2021.

2.2 Site History

This section describes the Site history, including property ownership, operational, and regulatory history.

2.2.1 *Historical Operations*

The Subject Property was originally residentially developed, and by the early-1950s several single-family residences were present on the eastern and western portions. These residences were cleared by 1955 when the Subject Property uses were converted to commercial.

The East and West Buildings were constructed in 1956 and 1977, respectively, and have been used for retail purposes since that time. The Central Building was constructed in 1955 and originally operated as a dry cleaner from 1955 through at least 1977. A secondary structure was formerly present north of the Central Building as early as 1965 and operated as an auto body shop from 1990 to 1999 (Figure 2). Further, an underground storage tank (UST) used for at least heating oil storage and possibly storage of other petroleum products, was present north of the Central Building and was removed prior to 2003.

The most recent users of the Central Building, East Building, and West Building have been retail stores or restaurant tenants, who gradually vacated each commercial space between early 2019 and late-2020. The buildings were demolished in April 2021.

2.2.2 *Adjacent Properties*

Adjacent and adjoining properties to the Subject Property have been developed with commercial uses since as early as the 1950s, and several adjacent properties confirmed contaminated sites. Most pertinent to this project is the west-adjacent Thinker Toys site.

The Thinker Toys site was developed as a service station in the 1950s and then subsequently operated as a dry cleaner until 2007 when the property was paved for use as a parking lot. A release of total petroleum hydrocarbons (TPH) and chlorinated solvents, including tetrachlorethene (PCE), trichloroethene (TCE) and other associated solvent degredation compounds, to soil, groundwater, and soil gas occurred as a result of these former operations. The chlorinated solvent contamination from the Thinker Toys site is known to have migrated to the south, across NE 8th Street and is not impacting the Subject Property. The Thinker Toys site is listed in Ecology's databases under Cleanup Site ID: 2477, Facility Site ID: 2462690, and VCP number NW2338.

2.2.3 *Regulatory History*

During subsurface investigations completed as part of a due diligence effort on behalf of a former prospective purchaser, releases of petroleum hydrocarbons and chlorinated solvents to soil and groundwater were identified and reported to Ecology in July 2011. Ecology listed the Subject Property on the Confirmed and Suspected Contaminated Sites List (CSCSL) with Cleanup Site identification number 12896.

2.3 Geology and Hydrogeology

The geology at the Subject Property consists of up to 6 feet of imported fill soil overlying layers of glacially deposited and very consolidated silty sand, with varying amounts of silt, sand, and cobbles in discontinuous layers and lenses, to a total depth explored of 100 feet bgs or approximate elevation 75 feet (NAVD88).[1] Zones of higher percentages of cobbles and gravels are generally situated between 40 and 70 feet bgs or approximate elevations 130 and 70 feet, and a zone of higher silt content was encountered in nearly all the deepest explorations at approximately 90 to 100 feet bgs or elevation 75 feet.

Groundwater is present in two zones beneath the Subject Property. A shallow water-bearing zone appears to be present at variable depths between approximately 15 and 40 feet bgs or approximate elevations 160 and 135 feet (NAVD88), situated in more permeable (sandier and gravellier) layers, situated atop a silt-heavy layer that may act as a semi-confining unit. Shallow perched groundwater has not been present in shallow wells installed at the southwest quadrant of the property or to the south in NE 8th Street, indicating that shallow perched groundwater is discontinuous across the Project area and existing data confirms it does not extend off property. Since May 2019 and most recently in March 2021, shallow perched groundwater has been measured as flowing toward the northwest; groundwater flow of this unit may be influenced by the subgrade drainage system for the deep parking garage associated with the Nine Two Nine tower located

[1] All Elevations in North American Vertical Datum of 1988

north of the Subject Property, which extends to approximately 60 feet bgs or elevation 100 feet. A deep, regional water-bearing zone is situated at approximately 80 to 90 feet bgs (approximate elevation of 85 to 100 feet). Since May 2019, deep groundwater has been measured as flowing toward the southwest. Groundwater elevation contours for the shallow and deep groundwater zones are shown on Figures 3a to 3d.

3 Remedial Investigation Results

This section presents a brief summary of the previous environmental investigation work, details of the RI investigation work completed by Aspect, and results of the RI investigations. Cited reports (Appendix A) should be referenced for supplemental detail and information.

3.1 Previous Environmental Investigations

Three general phases of environmental subsurface investigation have occurred at the Site in 2003, 2011, and 2018, as part of due diligence efforts by former prospective purchasers. The investigations and findings are summarized in this section. Approximate exploration locations are shown on Figure 2, and historical sampling results are shown on Figures 4 through 10 and summarized in Tables 1 through 3.

2003 Subsurface Investigation by Golder Associates. In 2003, Golder Associates (Golder) completed a subsurface investigation for the majority of the city block, including the Subject Property. Investigation activities specific to the Subject Property include obtaining soil gas samples from two temporary soil gas probes north of the Central Building (S-6 and S-7; Figure 2) and obtaining soil samples from three soil borings advanced to 22 to 25 feet bgs near the Central Building (BH-07 and BH-08; Figure 2) and the East Building (BH-09; Figure 2). Results of the soil gas and soil sampling are as follows:

- Two soil gas samples were submitted for volatiles using method TO-3. The results showed detected concentrations of tetrachloroethene (PCE; 4 to 120 parts per billion [ppb]), benzene (0.72 ppb), toluene (1.9 ppb), m,p-xylene (1.1 ppb), acetone (4.8 ppb), 2-propanol (2.8 ppb), and ethanol 19 ppb). All detections are below today's MTCA Method B screening levels for soil gas.
- A total of 7 soil samples from the borings were submitted to OnSite Environmental Inc. in Redmond, Washington for analysis of petroleum hydrocarbons, (TPH), volatile organic compounds (VOCs), and/or metals. Of these, only diesel-range TPH was detected at a concentration above the MTCA Method A or B cleanup level of 2,000 mg/kg in the sample obtained from boring B-8 at 7.5 feet bgs (3,400 mg/kg). All remaining analytes, including chlorinated solvents, were either not detected, or detected below the MTCA cleanup levels.

2011 Subsurface Investigation by SoundEarth Strategies. In 2011, SoundEarth Strategies (SES) completed two phases of subsurface investigation consisting of soil and groundwater sampling from four vertical soil borings (B01 to B04; Figure 2), three angled soil borings (B05 to B07; Figure 2), and three permanent groundwater monitoring wells set in the shallow perched groundwater (B08/MW01, B09/MW02, and B10/MW03; Figure 2).

A total of 86 soil samples, 2 grab groundwater samples from soil borings, and 3 groundwater samples from permanent monitoring wells were submitted to Freidman & Bruya, Inc. of Seattle, Washington for analysis of chlorinated VOCs, petroleum

hydrocarbons, and/or benzene, toluene, ethylbenzene, and xylene (BTEX). Results of the sampling are as follows:

- In soil, TPH and PCE were detected at concentrations exceeding the MTCA cleanup levels in three of the 86 soil samples analyzed, all located near the Central Building in the vicinity of the former auto repair shop, USTs, and dry cleaner.
    - Gasoline-range TPH was detected in vertical boring B-02 at a concentration of 140 milligrams per kilogram (mg/kg) at 12.5 feet bgs and at a concentration of 200 mg/kg at 22.5 feet bgs, both above the MTCA Method A cleanup level of 100 mg/kg.
    - Diesel-range TPH was detected in vertical boring B-02 at 5,300 mg/kg at 22.5 feet bgs, above the MTCA Method A cleanup level of 2,000 mg/kg.
    - PCE was detected in angled boring B-07 at 0.065 mg/kg at approximately 36 feet bgs (vertical depth), above the MTCA Method A cleanup level of 0.05 mg/kg.
- In shallow groundwater, TPH, benzene, and chlorinated solvents were identified at concentrations above the MTCA Method A or B cleanup levels in three of five groundwater samples analyzed.
    - Gasoline-range TPH was detected at 1,400 µg/L in the grab sample obtained from vertical boring B-02, above the MTCA Method A cleanup level of 800 µg/L.
    - Diesel- and oil-range TPH were detected in the grab sample obtained from B-02 at 79,000 µg/L and 1,500 µg/L, respectively, and in the grab groundwater sample obtained from B-04 at 1,100 µg/L and 550 µg/L, respectively. The MTCA Method A cleanup level for diesel- and oil-range TPH is 500 µg/L.
    - Benzene was detected in the sample from B-02 at 8.8 µg/L, above the MTCA Method A cleanup level of 5 µg/L.
    - Chlorinated solvents, cis-1,2-Dichloroethene (cis-1,2-DCE) and vinyl chloride (VC), were detected in the grab samples obtained from B-02 and B-04, ranging from 34 micrograms per liter (µg/L) µg/L to 100 µg/L for cis-1,2-DCE and 34 µg/L and 45 µg/L for VC. The MTCA Method B cleanup level for cis-1,2-DCE is 16 µg/L, and the MTCA Method A cleanup level for VC is 0.2 µg/L. PCE was detected in the groundwater sample obtained from MW-01 at 6.4 µg/L, above the MTCA Method A cleanup level of 5 µg/L.

Remaining analytes were either not detected or were detected at concentrations below the MTCA cleanup levels in soil and groundwater (Tables 1 and 2).

2018 Subsurface Investigation by Farallon Consulting. In 2018, Farallon Consulting (Farallon) completed several phases of subsurface investigation consisting of soil sampling from 25 soil borings, groundwater sampling from 16 newly installed groundwater monitoring wells set both in the deep and shallow groundwater zones (FMW-04 to FMW-18; Figure 2) and the three pre-existing shallow groundwater monitoring wells (B08/MW-01 to B10/MW-03; Figure 2), and a passive soil gas survey.

A total of 193 soil samples, 2 grab groundwater samples from borings, and 14 groundwater samples from permanent monitoring wells were submitted to OnSite Environmental Laboratories in Redmond, Washington for analysis of VOCs including chlorinated solvents and BTEX, petroleum hydrocarbons, and/or metals. Results of the sampling are as follows:

- In soil, diesel-range TPH was detected at concentrations above the MTCA Method A cleanup level of 2,000 mg/kg in three of the 193 soil samples, ranging from 2,300 mg/kg to 8,200 mg/kg. All three of these samples were obtained from FMW-04 (located near the former UST and auto repair shop north of the Central Building), between 5 and 15 feet bgs.
- In groundwater, TPH, PCE, and VC were detected at concentrations above the MTCA cleanup levels:
    - Diesel- and oil-range TPH were detected in the samples obtained from FMW-05 at 1,400 and 4,400 µg/L, respectively. The MTCA Method A cleanup level for diesel and oil range TPH is 500 µg/L.
    - Benzene was detected in the sample obtained from FMW-05 at 9.6 µg/L, above the MTCA Method A cleanup level of 5 µg/L.
    - PCE was detected in the sample obtained from MW-01 at 8.9 µg/L, above the MTCA Method A cleanup level of 5 µg/L.
    - VC was detected in the samples obtained from FMW-05, FMW-06, FMW-17, and FMW-18 ranging from 0.22 µg/L to 80 µg/L, above the MTCA Method A cleanup level of 0.2 µg/L.

Remaining analytes were either not detected, or were detected at concentrations below the MTCA cleanup levels in soil and groundwater (Tables 1 and 2).

The passive soil gas survey was completed by installing a total of 54 passive Gore Sorbent Samplers to evaluate the potential source areas of VOCs in the shallow subsurface (full report included in Appendix A). The samplers were installed to a depth of approximately 2 to 3 feet bgs around the buildings on the Site and were left in place for approximately 10 days. Results from the passive soil gas survey are as follows:

- TPH and benzene anomalies were detected in samplers FGS-20 through FGS-22 west of the Central Building, samplers FGS-13 through FGS-54 south of the Central Building, and samplers FGS-04 through FGS-08 south of the East building. BTEX anomalies coincided with TPH anomalies, with the exception of FGS-33, where only BTEX was detected.
- Two PCE anomalies were detected in two locations: 1) samplers FGS-12, FGS-13, FGS-50 and FGS-53 located south of the Central building, and 2) sampler FGS-05 on the southeastern corner of the Site.

3.2 Site Characterization

3.2.1 *Contaminants of Potential Concern and Screening Levels*

As described in Section 3.1, previous environmental investigations in 2003 through 2018 identified releases that appear likely associated with the former dry cleaner, former auto repair shop, and heating oil UST that have affected soil and shallow groundwater in the general vicinity of the Central Building, and imported fill soil containing concentrations of contaminants of potential concern (COPCs) has been encountered in a defined area of the southeast corner of the Subject Property. The COPCs identified for the Site are based on the historical operations and results of previous environmental investigations by others, as follows:

- Petroleum hydrocarbons in soil and shallow groundwater
- Benzene in shallow groundwater
- PCE and its breakdown products: trichloroethene (TCE), cis-1,2-DCE, and VC in soil and shallow groundwater
- Arsenic in deep groundwater

The screening levels for the RI, or the values that are used to evaluate data collected during the RI to assess the nature and extent of contamination at the Site, are the lowest published MTCA Method A cleanup levels for Unrestricted Land Use for soil, and Method A cleanup levels for groundwater. Where Method A cleanup levels have not been established, the lowest published MTCA Method B cleanup levels are used. The screening levels were selected based on the current and potential future exposure pathways and receptors and applicable regulatory criteria, as follows:

- **Soil leaching to groundwater** – Contaminants in soil can leach to groundwater by infiltration of precipitation through contaminated soil or where groundwater is in contact with contaminated soil.
- **Ingestion of groundwater** – Human receptors have the potential to contact contaminants in shallow groundwater via ingestion. The presence, nature and extent of COPCs in groundwater were evaluated during the RI to determine whether ingestion of groundwater is a complete pathway.
- **Direct contact with soil** – Human receptors, such as construction workers, have the potential to contact contaminants in soil under the current exposure scenarios during active construction.
- **Inhalation/intrusion of soil vapor** – Human receptors have the potential to be exposed to volatile contaminants in soil vapor that are discharged to the air during the construction excavation.

Each of these potential exposure pathways are evaluated as complete or incomplete, based on the RI data in Section 4.4.

3.2.2 *Remedial Investigation Field Program*

The scope of work for the RI was developed to address data gaps regarding the nature and extent of contamination to enable selection of cleanup standards and identification and evaluation of cleanup alternatives. The RI field program consisted of drilling and

analysis of soil samples, installation of additional groundwater monitoring wells and groundwater monitoring, and soil gas sampling. The investigation activities are described in this section. The results of the investigation activities are presented in Section 3.2.3.

3.2.2.1 Completion of Borings and Monitoring Wells

Between May 2019 and April 2021, Aspect completed 20 soil borings and four new groundwater monitoring wells were advanced at the Subject Property:

Boring ID	Location	Purpose	Total Depth (ft bgs)	Bottom Elevation (NAVD88)
AB-01, AB-02, AB-08, AB-10, AB-12, AB-16 through AB-19	Near the Central Building	Evaluate conditions near the former auto body shop and former dry cleaner	40 – 70	136 – 102
AB-03, AB-04	Near the West Building	Evaluate soil conditions in unexplored areas and characterize soil for disposal purposes	60	110-112
AB-05, AB-06, AB-07, AB-09, and AB-20	Inside Central Building	Evaluate soil conditions beneath the former dry cleaner	50 - 70	127 – 102
AB-11 and AB-12	Near East Building	Characterize fill material, soil conditions near the shallow groundwater interface, and investigate conditions near the suspected former UST north-adjacent to the East Building	35	142-145
AB-13 and AB-14	Northeast portion of Subject Property	Characterize fill material, soil conditions near the shallow groundwater interface, and evaluate low level detections of chlorinated solvents identified at deep depths by prior	45 and 70, respectively	137 and 111

Boring ID	Location	Purpose	Total Depth (ft bgs)	Bottom Elevation (NAVD88)
		environmental investigations		
AB-15	Within footprint of East Building	Investigate conditions beneath the building and characterize soil for disposal purposes	80.5	94.5
AMW-01 and AMW-02	Near and inside footprint of Central Building	Investigate potential impact to shallow groundwater from releases associated with the former auto body shop, UST, and/or the former dry cleaner	Borings completed to 66.5 and 80 feet bgs, respectively, with well screens set between 30 and 45 feet bgs	Borings completed to elevation 104 and 94, respectively. Well screens set between elevations 145 and 130
AMW-03	In the NE 8th ROW	Evaluate shallow upgradient groundwater quality	Boring completed to 47 feet bgs and the well screen was set from 25 to 45 feet bgs.	Boring completed to elevation 125 and the well screen was set between elevation 143 and 123
AMW-04	In the NE 9th Place ROW, on the Subject Property	Evaluate the shallow downgradient water quality	Boring completed to 60 feet bgs and the well screen was set from 30 to 50 feet bgs.	Boring completed to elevation 115 and the well screen was set between elevation 145 and 125

Note: Boring logs are included in Appendix B. Well construction details are summarized in Table 4.

Drilling and well construction was conducted by Cascade Drilling of Woodinville, Washington using hollow-stem auger and sonic drilling equipment. The soil types were observed and classified by an Aspect geologist in accordance with the Unified Soil Classification System (USCS). Field screening of the soil included measurement of volatile organic vapors in soil using a photoionization detector (PID), conducting water-sheet testing, and observing soil for staining and odors. Monitoring wells were constructed of 2-inch Schedule 40 PVC casing and 0.010-inch slotted screens measuring 10 to 15 feet long. The new wells were developed following installation, and the top of each well casing was surveyed relative to pre-existing monitoring wells to the nearest 0.01 foot. Based on the field screening observations and proximity to known areas of contamination identified during previous environmental investigations, a total of 38 soil samples were obtained from the explorations and submitted to Friedman & Bruya, Inc. of

Seattle, Washington for analysis of gasoline- , diesel- , and oil-range TPH, VOCs, metals, and/or PAHs. Results of the soil sampling are discussed in Section 3.2.3.1.

Groundwater samples were obtained from all wells at the Subject Property that contained sufficient water to facilitate sampling using low flow methods in May 2019 (10 groundwater samples from the shallow groundwater zone and 3 groundwater samples from the deep groundwater zone) and again in and March 2021 (10 shallow groundwater samples and 2 deep groundwater samples). All samples were submitted to Friedman & Bruya, Inc. for analysis of gasoline- , diesel- , and oil-range TPH, VOCs, and/or metals. Results of the groundwater sampling are discussed in Section 3.2.3.2.

Groundwater elevation contours based on water level data obtained during the sampling events are shown on Figures 3a through 3d. Well construction details and measured groundwater elevations are shown on Table 4, and boring and well construction logs are included in Appendix B.

3.2.2.2 Soil Gas Sampling

In 2020, Aspect completed a soil gas sampling event which included obtaining four soil gas samples: two sub-slab soil gas samples from inside the Western Building footprint (SG-01 and SG-02), and two deep soil gas samples from two existing wells located east of the Western Building (FMW-09 and FMW-10). The purpose of the soil gas sampling was to evaluate the potential for vapor intrusion to the Subject Property from the nearby Thinker Toys Site.

The sub-slab soil gas samples (SG-01 and SG-02) were obtained from below foundation slabs of the Western Building. Temporary vapor extraction points were installed through the slab in each location using a rotary hammer drill. Deep soil gas samples were obtained from the unsubmerged well screen in monitoring wells FMW-09 and FMW-10 using a well cap modified with a sampling port and tubing.

Soil vapor samples were collected using laboratory-supplied and individually certified evacuated 1-liter canisters fitted with 150-milliliters-per-minute (mL/min) flow controls and dedicated sampling trains. Potential leaking of the sampling train was evaluated by performing a shut-in test prior to sampling. The shut-in test was performed by inducing a vacuum to the sampling train for 5 minutes and purging a minimum of 3 probe casing volumes. The probe was enclosed in a leak-testing shroud at ground surface and helium tracer gas was applied to confirm that soil gas samples were not diluted by ambient air.

Soil gas samples were transferred under appropriate chain-of-custody procedures to the analytical laboratory, Friedman & Bruya, Inc. of Seattle, Washington, and analyzed by U.S. Environmental Protection Agency (EPA) Method TO-15 for chlorinated VOCs. Results of the soil gas sampling are discussed in Section 3.2.3.2.

3.2.3 *Remedial Investigation Results*

This section presents the results of the RI field program completed by Aspect between 2019 and 2021. When combined with prior investigation data the results are adequate to support evaluation of remedial alternatives and are relied upon to develop the CSM in Section 4. The exploration locations are shown on Figure 2. The data is summarized on Tables 1 through 2 and shown graphically on Figures 4 through 10. Laboratory reports are included in Appendix C.

3.2.3.1 Soil

Of the COPCs, only gasoline-range and diesel-range TPH were identified in soil at concentrations that exceed the MTCA cleanup levels during the 2019 and 2021 RI field program. Select COPCs are present at concentrations above and below the MTCA cleanup levels, primarily located near the former Central Building, as follows:

- Gasoline- , diesel- , and/or oil-range TPH were detected in seven of the 17 samples tested ranging from 13 to 230 mg/kg for gasoline-range TPH and ranging from 78 to 3900 mg/kg for diesel-range TPH. Detections that exceeded the MTCA cleanup level for gasoline of 100 mg/kg or diesel of 2,000 mg/kg were identified in the samples obtained from AB-05 at 30 feet bgs, AB-05 at 40 feet bgs, AB-10 at 25 feet bgs.
- Several VOCs, including chlorinated solvent-associated and petroleum-associated compounds, were detected at concentrations below the MTCA cleanup levels.
- PAHs were generally not detected with the exception of naphthalene, which was detected at concentrations below the MTCA cleanup level in 5 of the 22 samples tested. Detected concentrations range from 0.0068 mg/kg to 1.3 mg/kg and were identified in samples obtained from AB-05 at 20 and 30 feet bgs, AB-06 at 40 feet bgs, AB-10 at 25 feet bgs, and AB-12 at 2 feet bgs.
- Metals were either not detected or detected at concentrations below the MTCA cleanup levels. Detections of metals include arsenic, barium, chromium, and lead, and are similar to natural background concentrations for the region and do not indicate evidence of a past release of metals from historical operations.

3.2.3.2 Groundwater

Groundwater sample analytical results shows COPCs in shallow and deep groundwater, as follows:

Shallow Groundwater

- **TPH:** Gasoline- and diesel-range TPH were identified in 5 of the 9 samples tested in 2019, ranging in concentration from 190 to 930 µg/L for gasoline-range and 110 to 7,100 µg/L for diesel-range. In 2021, diesel-range TPH was identified in 3 of the 11 samples tested, ranging in concentration from 218 to 5,460 µg/L. Gasoline-range TPH was identified in 1 of 10 samples tested, at a concentration of 1,150 µg/L. Of these detections, the only location where concentrations exceeded the MTCA cleanup levels of 800 µg/L for gasoline-range and 500 µg/L for diesel-range was in the samples obtained from FMW-05 in 2019 and 2021.
- **BTEX:** Benzene was identified in 4 of the 9 samples tested in 2019, ranging in concentration from 0.9 µg/L to 14 µg/L. Ethylbenzene and total xylenes were also detected in the sample obtained from FMW-05 at 52 µg/L and 8.8 µg/L, respectively, less than the MTCA cleanup levels. BTEX compounds were not detected in the remaining samples. In 2021, benzene was identified in 4 of 11 samples tested, ranging in concentration from 0.584 µg/L to 9.95 µg/L. Ethylbenzene and total xylenes were also detected in one sample (FMW-05) at 39.5 µg/L and 7.65 µg/L, respectively, less than the MTCA cleanup levels. Toluene was detected in a sample obtained from AMW-03 at a concentration of 0.803. Of these detections, the only

concentrations that exceeded the MTCA cleanup level were the benzene detections in the sample obtained from FMW-05 in 2019 and 2021.

- **VOCs, including chlorinated solvents:** Chlorinated solvents, including PCE and VC, were identified in 7 of the 9 samples tested in 2019, ranging in concentration from 1 µg/L to 7.3 µg/L for PCE and from 0.28 to 190 µg/L for VC. Of these, detected concentrations exceeded the MTCA cleanup levels of 5 µg/L for PCE and 0.2 µg/L for VC in the samples obtained from MW-01, FMW-05, FMW-06, FMW-14, FMW-17, and FMW-18. Chlorinated solvents, including PCE and VC were identified in 10 of 11 samples tested in 2021, ranging in concentration from 0.807 µg/L to 11.6 µg/L for PCE, and 0.37 to 113 for VC. Of these, detected concentrations exceeded the MTCA cleanup levels of 5 µg/L for PCE in samples from MW-01, AMW-02, FMW-14, and 0.2 µg/L for VC in AMW-04, FMW-05, FMW-06, and FMW-18.
- **Metals:** Several total and dissolved metals, including arsenic, barium, chromium, and selenium, were identified in all three samples tested in 2019, and arsenic was identified at concentrations above the MTCA cleanup level of 5 µg/L in the samples obtained from AMW-02 and FMW-05. Total and dissolved metals were not analyzed in shallow groundwater in 2021.

Deep Groundwater

- **TPH:** Diesel-range TPH was identified in one of the 3 samples tested in 2019, at 80 µg/L, less than the MTCA cleanup level of 500 µg/L. The detection is flagged by the laboratory as a poor match to the chromatographic standard for diesel-fuel and is unlikely to represent a diesel release to deep groundwater. This conclusion was confirmed with subsequent sample results. Diesel-range TPH was not detected in either of the two samples tested in 2021 and gasoline-range and heavy oil-range TPH were not detected in any of the samples.
- **BTEX**: BTEX compounds were not detected in any of the deep groundwater samples obtained in 2019 and 2021.
- **VOCs, including chlorinated solvents:** VOCs were not detected above the laboratory reporting limits in the 3 samples tested in 2019, or in the two samples tested in 2021.
- **Metals:** Several total and dissolved metals, including arsenic, barium, chromium, and lead, were identified in both of the samples tested. Of these, total and dissolved arsenic was identified at concentrations above the MTCA cleanup level of 5 µg/L in both samples, but dissolved arsenic concentrations were much lower than total arsenic concentrations, suggesting high bias by turbidity. Total and dissolved metals were not analyzed in deep groundwater in 2021.

3.2.3.3 Soil Gas

- The four soil gas samples did not have concentrations of VOCs detected above the laboratory reporting limits in any of the four samples analyzed. Soil gas results are summarized in Table 3.

4 Conceptual Site Model

This section presents the conceptual site model (CSM), which was developed based on the results of previous environmental investigations by others and the investigation work completed by Aspect from 2019 to 2021. The CSM is the basis for developing technically feasible cleanup alternatives and selecting a final cleanup action. This section discusses the components of the CSM, including the source of the COPCs, nature and extent of contamination, contaminant fate and transport, and a preliminary exposure assessment.

4.1 Contaminants and Sources

Historical operations at the Subject Property have included auto repair in a structure formerly located north of the Central Building, storage and use of heating oil in a UST located north-adjacent to the Central Building, and operation of a dry-cleaning facility in the Central Building. Based on the historical operations, the COPCs for the RI are petroleum hydrocarbons, petroleum-associated VOCs, chlorinated VOCs, PAHs, and metals. The potential sources of COPCs to soil, groundwater, and soil gas at the Site consist of the following:

- Releases of petroleum products used by the auto repair operation and/or stored in the UST and UST piping through leaks, spills, and tank overfills.
- Leaks and spills from interior product storage or use areas in the Central building and former auto repair structure

Based on the results of the RI, there appears to be one main source area located beneath the north half of the Central building, where the former auto repair operations and dry cleaning occurred. There is no definitive evidence to conclude whether releases in this area are attributable to a single incident, such as a spill or leaking pipe, or compounded gradually over long-term operations in that area. In addition to the primary source area beneath the central building, petroleum compounds and VOCs were detected in shallow soil at concentrations less than the MTCA Method A cleanup levels in the southeast portion of the site, outside of the dry cleaner release area. These detections are likely associated with fill soil and, although the concentrations do not exceed the cleanup level, the soil will require special handling and disposal during construction.

The COPCs considered in the development and evaluation of feasible cleanup alternatives are those identified as exceeding the MTCA Method A or B cleanup levels. The COPCs that have been detected in soil, groundwater, or soil gas exceeding the MTCA cleanup levels are:

- Gasoline- and diesel- TPH in soil and shallow groundwater
- Benzene in shallow groundwater only
- PCE in soil and shallow groundwater
- VC in shallow groundwater

Arsenic has also been detected in deep groundwater samples at concentrations exceeding the MTCA Method A cleanup level. The most recent data (May 2019) showed total arsenic concentrations at 20.7 µg/L and 48 µg/L, respectively, over the Method A

cleanup level of 5 µg/L and over the background concentration for the Puget Sound of 8 µg/L. Dissolved arsenic concentrations in the same samples are 3.93 µg/L and 5.79 ug/L, respectively, indicating that turbidity in the samples attributes to elevated total arsenic concentrations and the elevated total arsenic concentrations are not representative of actual deep groundwater conditions. Historical operations at the Site do not suggest a potential source of heavy metals or arsenic, and soil data has not shown arsenic or other metals at concentrations above the MTCA cleanup levels suggesting a potential source in soil. Further, the dissolved arsenic concentrations are less than the published background concentration of 8 µg/L. Therefore, the presence of arsenic in deep groundwater is attributed to naturally occurring conditions and not a release of arsenic affecting the Site, and arsenic is not maintained as a COPC for the cleanup.

4.2 Nature and Extent

The following subsections summarize the physical conditions of the Site and the known distribution of concentrations of COPCs above the MTCA cleanup levels identified in soil, groundwater, and soil gas.

4.2.1 *Physical Conditions*

The Site is relatively flat and in an urban setting. Physical improvements include three retail buildings (the West Building, Central Building, and East Building; Figure 2) and associated asphalt-paved parking, which create an impermeable surface to prevent infiltration of precipitation and stormwater.

The geology at the Site consists of up to 6 feet of imported fill soil overlying layers of glacially deposited silty sand, with varying amounts of silt, sand, and cobbles in discontinuous layers and lenses, to a total depth explored of 100 feet bgs (Figures 8 through 10). Layers with higher silt content were encountered at 70 feet and again at 90 feet in the central portion of the Site, which may act locally as a semi-confining unit. Layers with higher sand, gravel, and cobbles content were encountered at 35 feet below the center portion of the site, and at 70 feet in the east and west portions of the Site, which may act as more permeable units.

Groundwater is present in two zones beneath the Site; a discontinuous shallow water-bearing zone is situated between 9 and 40 feet bgs, and a deeper water-bearing zone is situated at 80 to 90 feet bgs. Wells installed in the shallow zone in the southwest portion of the property, and in the south-adjoining ROW, have been dry during past monitoring events indicating that the shallow groundwater zone is discontinuous and does not appear to extend off property to the south. Groundwater levels and calculated elevations based on the March 2021 groundwater monitoring event indicate a groundwater flow direction to the northwest for the shallow zone and west-southwest for the deep zone (Figure 3d).

4.2.2 *Soil Quality*

Concentrations of COPCs exceeding the MTCA cleanup levels are present in soil situated in the central portion of the Site between depths of approximately 5 feet and 40 feet bgs. Petroleum-associated COPCs in soil, including gasoline- and diesel-range TPH, are present in locations immediately south of the former auto repair operation and near the former UST, extending southwest below the Central Building (Figures 4a and 4b). PCE is

present in one location beneath the Central Building at approximately 36 feet bgs (Figures 5a and 5b).

4.2.3 *Groundwater Quality*

Concentrations of COPCs exceeding the MTCA cleanup levels in groundwater are similarly located in the central portion of the Site, and are confined to the shallow water-bearing unit only with the exception of arsenic, which was also detected in the deep groundwater unit. Petroleum-associated COPCs in groundwater, including gasoline-, diesel-, and oil-range TPH and benzene, are present in shallow groundwater south of the former auto repair facility, near the former UST. Chlorinated solvent-associated COPCs in groundwater, PCE and VC, are present in shallow groundwater north, west, and south of the Central Building. As discussed in Section 4.1, total arsenic was detected in the deep aquifer at concentrations greater than the MTCA cleanup levels and published background concentrations; however, dissolved arsenic concentrations in the same samples did not exceed MTCA or background concentrations, indicating that turbidity in the samples attributes to elevated total arsenic concentrations and the elevated total arsenic concentrations are not representative of actual deep groundwater conditions. Historical operations at the Site do not suggest a potential source of heavy metals or arsenic, and soil data has not shown arsenic or other metals at concentrations above the MTCA cleanup levels suggesting a potential source in soil. Therefore, the presence of arsenic in deep groundwater is attributed to naturally occurring conditions and not a release of arsenic affecting the Site, and arsenic is not considered a COPC for the Site.

4.2.4 *Soil Gas Quality*

Soil gas quality at the Site was evaluated in two previous studies by others and in 2020 by Aspect. A 2003 study included obtaining two soil gas samples (S-6 and S-7) from probed borings advanced immediately north of the Central Building, south of the former auto repair facility. A 2018 study included a qualitative passive soil vapor survey consisting of 54 sampling points distributed in exterior areas across the Subject Property. Quantitative soil gas samples from 2003 showed only low concentrations of BTEX, acetone, 2-propanol, ethanol and PCE, all well below the MTCA Method B screening levels for soil gas. The 2018 passive soil gas survey showed areas of elevated PCE and petroleum-associated COPCs. Elevated PCE in soil gas is located south of the Central Building where PCE exceedances have been identified in groundwater in the shallow water-bearing zone, and in the southeast corner of the Site where PCE concentrations have been detected below MTCA cleanup levels in shallow soil between 0 and 10 feet bgs, and cis-1,2-DCE was detected below MTCA cleanup levels in shallow soil between 20 and 30 feet bgs (Figure 5a). Elevated petroleum-associated COPCs are generally located south and west of the Central Building and in the southeast corner of the Subject Property, where concentrations of petroleum-associated COPCs have been identified in shallow soil ranging from low concentrations to above the MTCA cleanup levels.

In 2020, Aspect completed a quantitative soil gas sampling event which included obtaining four soil gas samples: two sub-slab soil gas samples from the inside the Western Building footprint (SG-01 and SG-02), and two deep soil gas samples from two existing wells located east of the Western Building (FMW-09 and FMW-10). The four soil gas samples did not have concentrations of VOCs detected above the laboratory reporting limits in any of the four samples analyzed (Table 3).

4.3 Fate and Transport

Data evaluated during the RI suggest that separate releases of petroleum products and chlorinated solvents have occurred near the northern portion of the Central Building historically, and have commingled in the central portion of the Site.

The shallowest COPC-impacted soils are present near the north portion of the Central Building, immediately south of the former auto repair facility, near the former UST, and in the immediate vicinity of the former dry-cleaning operation. These shallow soils were likely impacted directly by near-surface releases or one or more releases from the UST and product piping or drain lines, which migrated via gravity through the shallow subsurface soils along sandier stringers in the glacially consolidated soils as paths of least resistance. Downward migration appears to have slowed or ceased as releases encountered the shallow water-bearing zone and spread primarily laterally in the downgradient direction to areas north and northwest of the Central Building. Lateral spread also appears to extend to the southward direction, south of the Central Building. In these areas, there are 20 to 30 feet of overburden soil with only low concentrations of select COPCs, further suggesting that the source mechanism of exceedances in these areas is groundwater transport in the smear zone.

Petroleum-associated COPCs in groundwater appear to be attenuating within a short distance from the source area, and are below the MTCA cleanup levels by the time that groundwater reaches wells west of the Central Building and are non-detect by the time that groundwater reaches wells northwest of the Central Building. Chlorinated solvents, which are more mobile in groundwater than the petroleum-associated COPCs at the Site, extend farther laterally from the source area, extending north, south and west of the Central Building (Figures 5 and 6).

In the northern portion of the groundwater plume near the source area(s), petroleum-associated COPCs and chlorinated solvents are commingled. In the commingled area, the chlorinated solvent compound present in groundwater is VC with no detected concentrations of PCE. Upgradient of the commingled area, the chlorinated solvent compound present in groundwater is PCE, with no detected concentrations of VC. Therefore, the data suggest that the commingling of the petroleum and chlorinated solvent releases have resulted in accelerated degradation of PCE to VC in groundwater in the northern portion of the groundwater plume, in the downgradient direction. The extent of the commingled plumes and the distribution of COPCs is shown on Figures 6 and 7.

It should be noted that the property has also been affected by placement of fill soil containing low levels of contaminants, including VOCs from sources other than the dry cleaner. These soil areas are not attributed to releases from the former dry cleaner. Concentrations are below the MTCA cleanup levels and this soil is not included within the MTCA-defined cleanup of soil. However, this soil will require special handling, segregation and disposal during property redevelopment.

4.4 Potential Receptors and Exposure Pathways

The development of final cleanup standards will consider all potential receptors and exposure pathways. A brief discussion of the potential receptors and exposure pathways is provided below.

Protection of Human Health. The FS will be completed to ensure the protection of human health through the following potential exposures to receptors:

- **Direct contact with soil and groundwater.** Direct contact by Site workers with soil and groundwater containing concentrations of VOCs and TPH exceeding the MTCA cleanup levels.
- **Direct inhalation of soil vapor.** Direct inhalation by Site workers of shallow soil vapor with concentrations of VOCs above the MTCA screening levels, emanating from contaminated soil or groundwater.
- **Soil vapor discharge to indoor air.** Contaminated soil vapor emanating from contaminated soil or groundwater beyond the Subject Property boundaries (west-adjacent Thinker Toys site) and extent of redevelopment excavation has the potential to migrate and expose indoor air receptors to volatile contaminants.

Protection of Terrestrial Ecological Receptors. Procedures in WAC 173-340-7490 were established to ensure protection of terrestrial ecological receptors from exposure to contaminated soil. The soil with COPCs above the MTCA cleanup levels at the Site is currently, and is anticipated to remain in the future, at depths greater than 15 feet bgs; therefore, under WAC 173-340-749(1)(a), the Site qualifies for an exclusion from the terrestrial ecological evaluation process. A terrestrial ecological evaluation exclusion form is presented in Appendix D.

5 Proposed Cleanup Standards

The proposed cleanup levels and points of compliance for the Site are described in the following sections.

5.1 Cleanup Levels

This section identifies the proposed soil and groundwater Site cleanup levels, which have been developed for those COPCs identified at concentrations exceeding the screening levels, and for which there is a current or likely future exposure pathway. The screening levels used for the RI, MTCA Method A or B cleanup levels are the proposed cleanup levels protective of human health.

5.2 Points of Compliance

The point of compliance is the point where contaminant- and media-specific cleanup levels shall be met at the Site, in accordance with MTCA. This section describes the points of compliance for the Site. The points of compliance are used for development and evaluation of the cleanup alternatives in the FS.

In accordance with MTCA, the standard point of compliance for direct contact with soil extends to 15 feet bgs, based on a reasonable maximum depth of excavation and assumed placement of excavated soils at the surface where contact occurs. The redevelopment excavation will result in full removal of all contaminated soil from the Site.

Under MTCA, the standard point of compliance for groundwater cleanup levels is throughout the Site, regardless of whether groundwater is potable (WAC 173-340-720(8)(b)). At the Site, contaminated shallow groundwater is confined to within the Subject Property boundaries. The planned remedy— mass excavation to 60 feet bgs— will fully encompass and remove all Site shallow contaminated groundwater and contaminated soil, and will remove the contaminated soil source area that is contributing to the shallow groundwater contaminant plume.

6 Feasibility Study

Based on the RI, this section presents the Feasibility Study (FS) for the cleanup alternatives for the Subject Property. This FS considers the criteria defined in WAC 173-340-360 *Selection of Cleanup Actions* for evaluating remedial alternatives and selecting a cleanup action. The recommended cleanup action is presented in Section 6.4.

6.1 Remedial Action Objectives

The objective of the cleanup is to obtain a No Further Action (NFA) determination from Ecology for the Site and to allow for redevelopment as a high-rise office tower with ground level retail and subgrade parking. To obtain an NFA the existing groundwater and soil contamination will need to be remediated to concentrations less than MTCA Method A cleanup levels for groundwater and Method A soil cleanup levels for unrestricted land use at the established points of compliance.

The remedial action objectives (RAOs) are medium or Site-specific goals for protecting human and environmental health. They are established based on the nature and extent of contamination, the receptors that are currently and potentially threatened, and the potential for human and environmental exposure. Based on the potential exposure pathways, receptors and characterization data obtained during the RI, the RAOs for the Site are as follows:

- Protection of humans from direct contact with contaminated soil and groundwater
- Protection of groundwater for drinking water use
- Protection of indoor air quality

The City of Bellevue sources municipal water from the Tolt River and Cedar River watersheds. Groundwater is not expected to be used as a drinking water source. However, protection of groundwater for drinking water use is retained as a RAO consistent with the use of MTCA Method A cleanup levels.

6.2 Potentially Applicable Laws and Regulations

The MTCA, regulated under WAC 173-340, established cleanup standards and other requirements for cleanup of the Subject Property. Other applicable or relevant and appropriate regulations and/or cleanup requirements that must be considered in the selection and implementation of the cleanup action include, but are not limited to:

- The Resource Conservation and Recovery Act (RCRA)
- Washington Hazardous Waste Management Act (Chapter 70.105 RCW) and Dangerous Waste Regulations (Chapter 173-303 WAC)
- Solid Waste Management Act; Revised Code of Washington (RCW) 70.95; WAC 173-304 and WAC 173-351
- Federal and state Clean Air Acts (42 USC 7401 et seq.; 40 CFR 50; RCW 70.94; WAC 173-400, 403) and Puget Sound Clean Air Agency Regulations
- The State Environmental Policy Act (SEPA) (RCW 43.21C; WAC 197-11)

- Occupational Safety and Health Administration (OSHA) Regulations, 29 CFR Parts 1910 and 1926
- Washington Industrial Safety and Health Act (WISHA) and Washington Department of Labor and Industries Regulations, Chapter 296 WAC
- Washington Minimum Standards for Construction and Maintenance of Wells, Chapter 173-160 WAC
- City of Bellevue and King County regulations and codes

The cleanup action at the Subject Property will be performed pursuant to the MTCA and requirements of the Voluntary Cleanup Program (VCP) approvals. Accordingly, the proposed cleanup actions must acquire permits and follow procedural requirements of local and state regulations that would otherwise apply to the cleanup. Ecology is responsible for issuing the final approval for the cleanup action.

6.3 Potential Remedial Technologies and Screening

Multiple potential remedial technologies were considered to address soil and groundwater impacts at the Subject Property. Preliminary screening of the potential remedial technologies is based on effectiveness, implementability, , and comparative cost. The following potential remedial technologies were considered, but many of these technologies ultimately were screened out and not utilized due to implementability and compatibility with the planned redevelopment design:

- **Soil Excavation and Disposal:** Where encountered during mass excavation, contaminated soil will be segregated from clean soils, followed by off-Site treatment and/or disposal at an approved facility. Remedial excavation with off-Site disposal is an effective means to remove soil contamination during mass excavation, consisting of soil removal to a maximum depth of 60 feet below existing grade for construction of multi-levels of underground parking, which is required as part of the redevelopment. Therefore, this technology is retained for all alternatives.
- **Groundwater Collection and Treatment:** Collection of contaminated groundwater for on-Site treatment prior to discharge to the City of Bellevue's sanitary or storm system is an effective means to prevent unacceptable exposure to groundwater and potential future contamination of soil at the Subject Property. The process options considered for application at the Subject Property include:
    - Subsurface Wall Drains
    - Perimeter Collection Wells
- **Engineering Controls (ECs):** ECs are containment and/or mitigation systems designed to prevent or limit the movement of, or the exposure to, hazardous substances. ECs are retained for all alternatives as they are an effective means to prevent unacceptable exposures to remaining impacts at the Subject Property and may be implemented either during or after redevelopment if required to address residual impacts. Specific EC process options retained include:
    - Temporary and/or Permanent Subsurface Wall Drains

    - Construction Water Treatment System for Stormwater and Impacted Groundwater

- **Institutional Controls (ICs):** ICs are measures to limit or prohibit activities that may interfere with the integrity of a cleanup action or result in exposure to hazardous substances (e.g., limitations on the use of the property or resources, such as an environmental covenant or maintenance requirements for engineering controls). ICs have been retained because they are easily implemented at a relatively low cost and are an effective means to prevent unacceptable exposures to remaining soil and groundwater impacts if any, that remain at the Subject Property following completion of mass excavation.

There are many additional remedial technologies with demonstrated applicability for remediating the identified COPCs in the soil and groundwater. Some of these include air sparge (AS) with soil vapor extraction (SVE) systems, dual-phase extraction (DPE), *in-situ* chemical oxidation/reduction, enhanced anaerobic biodegradation, among others. These technologies will not be needed to remediate the Subject Property for the following reasons:

- All contaminated soil on the Subject Property will be excavated during property redevelopment, which requires mass excavation to support construction of belowground parking.
- COPCs have not been detected in the deep groundwater zone on the Subject Property. As such, remediation of the deep groundwater zone is not necessary.

6.4 Remedial Alternatives

Three remedial alternatives were developed for comparison with MTCA criteria for cleanup actions using the technologies retained in the initial screening. All the proposed alternatives address the areas requiring cleanup and are described in detail in later sections of this Report.

- **Alternative 1 –** Non-redevelopment of the Subject Property. This alternative assumes *in situ* treatment through monitored natural attenuation (MNA) of impacted soil and groundwater. No ECs would be installed as part of this alternative. This alternative may require ICs for the Subject Property to prevent exposure to impacted soil or groundwater during treatment.
- **Alternative 2 –** Remedial excavation concurrent with mass excavation to 60 feet bgs/msl within the redevelopment footprint, which includes permitted off-Site disposal of impacted soils and groundwater. This alternative assumes that the extent of the impacted soils present are within the planned excavation and that all shallow groundwater contamination is contained within the Subject Property. No ECs would be installed as part of this alternative as the planned excavation is designed to serve as the remedial action for the shallow zone contamination. No ICs are anticipated for this alternative and the goal of the remedial action is to lead to a Sitewide NFA determination from Ecology.
- **Alternative 3 –** Remedial excavation, disposal of contaminated soil, and installation of ECs as in Alternative 2. However, this option would include the management of impacted shallow groundwater outside of the planned redevelopment footprint if

needed (off of the Subject Property). This would result in ICs being applied to the impacted areas, likely resulting in a property specific NFA determination from Ecology.

Primary differences between the alternatives include the extent of the shallow groundwater contamination, and the ICs that are anticipated to be required to limit the risk of exposure, if any, following redevelopment.

6.4.1 *Description of Alternatives*

Details of the proposed alternatives are described in the following sections. Feasibility-level cost estimates (+50/ 30 percent) for each alternative were developed in accordance with U.S. Environmental Protection Agency (EPA) cost-estimating guidance (EPA, 2000) and professional experience with similar projects. A summary of the remedial alternative evaluation is shown in Table 5. Cost-estimate details and assumptions for Alternatives 1 through 3 are provided in Table 6.

6.4.1.1 Alternative 1: Non-Redevelopment of the Subject Property and Institutional Controls

Alternative 1 is presented as a non-redevelopment scenario for the Subject property. This alternative is intended to address contamination within the Subject property using *in situ* natural attenuation and removal of the source of contamination. Alternative 1 includes the following elements:

- **Remedial Excavation:** No remedial excavation is planned as part of this alternative.
- **Engineering Controls Related to Shallow Contaminated Groundwater:** No ECs to control groundwater migration or limit potential exposure are planned as part of this alternative.
- **Engineering Controls Related to Contaminated Soils:** No ECs to limit potential exposure to impacted soils are planned as part of this alternative.
- **Compliance Groundwater Monitoring:** Groundwater monitoring of existing monitoring wells will be completed quarterly for a minimum of two (2) years following demolition of existing buildings, to assess groundwater conditions in the shallow and deep groundwater zones. Groundwater in the shallow zone will be monitored to evaluate the extent, if any, of off-Property migration and contamination. Monitoring of the deep zone wells will be completed to determine impacts for the regional aquifer and demonstrate compliance .
- **ICs Required Under this Alternative:** This alternative will not complete the RAOs for the Subject Property. As such, it is anticipated that a restrictive covenant, or equivalent, will be required for the Subject Property to limit exposure to contaminated soils and groundwater present.

The timeline to achieve cleanup levels for the Subject Property under this alternative would not meet MTCA threshold criteria, is not supportive of planned redevelopment, and is only a viable option if the redevelopment is canceled prior to the start of construction. Because redevelopment proceeded, as planned, this Alternative is not implementable and is not considered further.

6.4.1.2 Alternative 2: Remedial Excavation within the Redevelopment Footprint and Engineering Controls

Alternative 2 has been designed to meet all RAOs for the Subject Property, addressing contamination of the soils and shallow groundwater. This alternative includes the following elements:

- **Remedial Excavation:** In Alternative 2, a remedial excavation will be completed to remove contaminated soil across the Subject Property, in preparation for the proposed redevelopment. Following installation of the shoring, remedial excavation will be completed during mass excavation for the proposed redevelopment to approximately 60 feet bgs. The proposed excavation would extend through the identified extent of the contaminated soils, and end above the deep groundwater zone, estimated at 80 to 90 feet bgs (elevation 95 to 85 feet msl NAVD88). The proposed excavation would support redevelopment and construction of 4 floors of below ground parking.
- **Engineering Controls Related to Shallow Contaminated Groundwater:** For this alternative, groundwater contamination within the shallow zone (9 to 40 feet bgs) is assumed to not extend beyond the Subject Property. The remedial excavation included in this alternative is intended to serve as the remedial action for the shallow zone contaminated groundwater and includes off-Site disposal of groundwater encountered within the work area. This alternative includes management and collection of shallow groundwater through drainage installed during the construction of the remedial excavation shoring. Shallow groundwater encountered within the redevelopment footprint during mass excavation will be collected and pumped to the groundwater treatment system, if needed, prior to discharge to the City of Bellevue's system in the southwest corner of the Site. If required, the treatment system will be located in the southwest corner of the property, outside the City right-of-way.
- **Engineering Controls Related to Contaminated Soils:** The proposed remedial excavation will serve as the remedial action for the contaminated soils. As the remedial excavation includes complete removal of the identified contaminated soils, no ECs are anticipated for soils that will remain on Site. Soils removed from the Site will be disposed of in an approved landfill facility.
- **Compliance Groundwater Monitoring:** Under Alternative 2, shallow contaminated groundwater confined within the Subject Property boundary will be removed during property redevelopment and long-term groundwater monitoring of the shallow or deep aquifer will not be required .
- **ICs Required Under this Alternative:** No ICs are anticipated for this alternative as the remedial action has been designed to achieve a Site NFA determination from Ecology.

The total estimated cost of Alternative 2 is $6.2M. Cost estimate details for Alternative 2 are presented in Table 6.

6.4.1.3 Alternative 3: Remedial Excavation within the Redevelopment Footprint with Engineering and Institutional Controls

Alternative 3 is presented in the event that contamination within the shallow groundwater is found migrating off the property boundary during excavation. Similarly to Alternative 2, Alternative 3 has been designed to meet all RAOs for the Subject Property, addressing

contamination of the soils and shallow groundwater, with additional Site work required to assess lateral migration and *in situ* natural attenuation of any residual contamination within the shallow groundwater zone outside of the Subject Property. This alternative includes the following elements:

- **Remedial Excavation:** Same as Alternative 2.
- **Engineering Controls Related to Shallow Contaminated Groundwater:** Same as Alternative 2 for shallow contaminated groundwater within the development footprint. Where groundwater contamination is found outside of the redevelopment footprint (off of the Property), compliance groundwater monitoring will be completed consistent with Alternative 1 for the area(s) identified.
- Engineering Controls Related to Contaminated Soils: Same as Alternative 2.
- **Compliance Groundwater Monitoring:** In Alternative 3, shallow groundwater will be sampled quarterly for 2 years. The monitoring program will include the installation of at least five (5) additional monitoring point/wells down-gradient of the Subject Property within the shallow groundwater zone. The additional monitoring points will be used to assess lateral migration and *in situ* natural attenuation of any residual contamination within the shallow groundwater zone outside of the Subject Property. Monitoring of the additional downgradient points will be performed to support ICs required resulting for any off-Site contamination.
- **ICs Required Under this Alternative:** If contamination of shallow groundwater outside of the redevelopment footprint is identified, this alternative will not complete the RAOs for the Subject property. As such, it is anticipated that a restrictive covenant, or equivalent, will be required for the Subject Property to limit exposure to contaminated soils and groundwater present.

The total estimated cost of Alternative 3 is $6.5M. Cost estimate details for Alternative 3 are presented in Table 6.

6.4.2 *Evaluation of Alternatives*

Alternatives 2 and 3 were evaluated against MTCA criteria and a disproportionate cost analysis (DCA; Table 5) was completed to compare the costs and benefits of the cleanup alternatives. Alternative 1 was not evaluated because it was not implementable with property redevelopment. Table 5 presents a summary of the remedial alternative evaluation. Each section below describes considerations made in the evaluation process.

These criteria represent the minimum requirements for an acceptable cleanup action alternative under MTCA. All three alternatives meet these requirements.

6.4.2.1 Threshold Criteria Evaluation

MTCA requires that remedial alternatives for a site satisfy certain “threshold” criteria, as specified in 173-240-360(2) WAC:

- Protect human health and the environment
- Comply with cleanup standards
- Comply with applicable state and federal laws

- Provide for compliance monitoring

In addition to meeting the threshold criteria, cleanup action alternatives under MTCA must also use permanent solutions to the maximum extent practicable, provide for a reasonable restoration time frame, and consider public concerns. Each alternative has been ranked/scored in accordance with these threshold criteria in the DCA.

6.4.2.2 Disproportionate Cost Analysis

The purpose of a DCA is to compare the costs and benefits of the cleanup alternatives developed in the FS. A DCA quantifies the environmental benefits by first rating each cleanup alternative with respect to each of the six (6) DCA criteria as described in WAC 173-340-360(3)(f), and summarized below:

- **Overall Protectiveness:** The overall protectiveness of human health and the environment, including the degree to which existing risks are reduced, time required to reduce the risks and attain cleanup standards, on-Site and off-Site risks during implementation, and improvement in overall environmental quality.
- **Permanence:** The degree to which the alternative reduces the toxicity, mobility, or volume of hazardous substances, including the adequacy of destroying hazardous substances, the reduction or elimination of hazardous substance releases and sources of releases, the degree of irreversibility of treatment, and the characteristics and quantity of the treatment residuals.
- **Long-Term Effectiveness:** The degree of certainty that the alternative will successfully and reliably address contamination that exceeds applicable cleanup levels until cleanup levels are attained, the magnitude of the residual risk with the alternative in place, and the effectiveness of controls to manage treatment residue and remaining wastes.
- **Short-Term Risk Management:** The risks to human health and the environment during construction and implementation of the alternative, and the effectiveness of measures that will be taken to manage such risks.
- **Implementability:** This includes consideration of whether the alternative is technically possible; the availability of necessary off-Site facilities, services, and materials; administrative and regulatory requirements; scheduling, size, and complexity of the alternative; monitoring requirements; access for construction, operations, and monitoring; and integration with existing facility operations and other current or potential remedial actions.
- **Consideration of Public Concerns:** The concerns of individuals, community groups, local governments, Tribes, federal and state agencies, and other interested organizations will be considered.

Rating values are assigned on a scale of 1 to 10, where 1 indicates the criterion is satisfied to a very low degree, and 10 indicates the criterion is satisfied to a very high degree. Because Ecology does not consider all criteria to be of equal importance, each criterion is assigned a weighting factor. The six (6) DCA criteria and respective weighting factors are:

- Overall protectiveness: 30 percent

- Permanence: 20 percent
- Long-term effectiveness: 20 percent
- Short-term risk: 10 percent
- Implementability: 10 percent
- Consideration of public concerns: 10 percent

An environmental benefits ranking is calculated for each cleanup alternative by multiplying the six (6) rating values by their corresponding weighting factors and summing the weighted values. The environmental benefits rating of each alternative is then divided by the alternative's estimated cost (in tens of millions of dollars) to obtain a benefit/cost ratio, which is a relative measure of the cost-effectiveness of the alternative. For this FS, cleanup is tied to the redevelopment and only incremental environmental costs associated with the development–including disposal of contaminated soil and groundwater, collecting confirmation soil samples, and installation of ECs–are included.

On a scale of 1 to 10, Alternative 2 ranked the highest at 8.0 and Alternative 3 ranked 6.3. Details of the rankings are presented in the DCA Table 5. While there was variation in the rankings between the presented alternatives, the three factors where the alternatives varied most were as follows:

- **Permanence:** Alternative 2 ranked highest in permanence, followed by Alternative 3. This is due to both alternatives including remedial excavation and management of impacted groundwater to support redevelopment of the Subject Property as proposed. Alternative 3 ranked lower than Alternative 2, due to the off-Site contamination of groundwater being managed through MNA. While the proposed redevelopment would serve as a cap for any remaining soil and groundwater contamination at the edges of the property, Alternative 3 ranked lower than Alternative 2, as ICs require long-term compliance to be effective and MNA is not consistent with the RAO of obtaining an NFA for the Site.
- **Long-term Effectiveness:** Alternatives 2 and 3 remove the contaminated soils within the redevelopment footprint and prevent further contamination to groundwater. Alternative 2 ranked higher than Alternative 3 as this option does not leave contamination in-place associated with the original source of contamination. If encountered, contamination of shallow groundwater that has migrated from the Site will require ICs and/or subsequent remedial actions reducing the long-term effectiveness.
- **Overall Protectiveness:** Both Alternative 2 and Alternative 3 provide similar overall protectiveness within the redevelopment footprint. However, as Alternative 3 includes contamination of the shallow groundwater, overall protectiveness is reduced as ICs would require long-term compliance as long as the plume exists, which may be indefinitely. Accordingly, Alternative 3 has been ranked lower than Alternative 2 in this category.

Consistent with the ranking results, Alternative 2 is the most effective and has a relative benefit-cost ratio of 1.30 compared to 0.97 for Alternative 3. The DCA is presented in Table 5 and the cost estimates for Alternatives 2 and 3 are presented in Table 6.

6.5 Recommendation

Alternative 2 is the recommended alternative as it meets the RAOs for project with the highest ranking from the DCA. As the excavation for the below-ground parking associated with the proposed redevelopment exceeds the area of contaminated soil and groundwater within the Subject Property, this alternative is cost effective to implement as the primary difference in costs will be related to management and disposal of the contaminated soil and groundwater as opposed to developing a similar scope at a site with no identified contamination.

Alternative 3 provides a similar level of permanence and overall effectiveness as Alternative 2. If residual contamination of the shallow groundwater is encountered this alternative should be considered.

Alternative 1 is not recommended as it does not allow for redevelopment of the property or completion of the RAOs. This option was eliminated from considered and not evaluated in the DCA.

7 Cleanup Action Plan

This section presents the elements of the cleanup action plan for implementing the preferred remedial action (Alternative 2) evaluated during the FS. A CAP is a required part of the Site cleanup process conducted under the Voluntary Cleanup Program (VCP) under MTCA. The following sections provide supplemental detail on the selected remedy, including relevant construction details, restoration time frame, point of compliance, and schedule for implementation.

7.1 Description of Selected Remedy

The selected remedial alternative for implementation during the cleanup action was developed through evaluation of the Site conditions, cleanup standards, applicable or relevant and appropriate requirement (ARARs), and applicable remedial technologies as described in the RI and FS portions of this report. This section provides a more detailed description of the selected remedial alternative.

7.1.1 *Description of Preferred Remedial Alternative*

The selected remedial alternative, Alternative 2, has a reasonable restoration time frame and is the most cost-effective of the remedial alternatives evaluated under the DCA (Section 6.4.2.2) that will result in Site and Subject Property conditions that meet MTCA. Therefore, under MTCA, Alternative 2 was identified as the alternative that is permanent to the maximum extent practicable and was selected for implementation as the cleanup action. Elements of the cleanup action have been designed concurrently with plans for Subject Property redevelopment, and implementation of the cleanup action will occur with redevelopment construction. Elements of the cleanup action are shown on Figure 11.

The cleanup action consists of remedial excavation and off-Property disposal of contaminated soil and shallow perched contaminated groundwater from the Site, as follows:

- **Remedial Excavation –** All contaminated soil and groundwater at the Site is located within the redevelopment construction shown on Figure 11, and will be excavated concurrently with the redevelopment mass excavation to a maximum elevation of 115 feet NAVD88 (approximately 60 feet below existing site grade). This excavation will completely remove all Site contaminated soil and shallow discontinuous groundwater. Mass excavation will include installation of a temporary shoring wall to consist of a combination of soldier piles, tie backs, and timber lagging. Excavated soil and perched groundwater will be disposed of off Property at permitted disposal facilities in accordance with applicable regulations.

Note that because the remedial excavation of soil containing contaminants at concentrations above the MTCA cleanup levels will be conducted concurrently with redevelopment mass excavation. Additional areas of soil containing contaminants at concentrations less than the MTCA cleanup levels are present within the mass excavation extent, outside of the remedial excavation area. This soil will require specialized handling and disposal based on the contaminants present and their concentrations and the acceptance criteria for the soil disposal facilities selected by the earthworks contractor.

Three management categories have been delineated for soil that will be excavated during completion of the Project:

- **Soil Impacted with Petroleum Hydrocarbons, PAHs, or Non-Chlorinated VOCs meeting "Class 2" Criteria**—Soil outside of the remedial excavation that contained petroleum hydrocarbons, PAHs, or VOCs that were not sourced from the dry cleaner release at concentrations below the MTCA cleanup levels will be transported to Cadman's Everett facility for disposal as "Class 2" soil. In accordance with Cadman's acceptance criteria, this will include soil for which contaminants were detected below the MTCA Method A cleanup levels, with the exception of diesel- and heavy oil-range petroleum hydrocarbons, which are required to be below 460 mg/kg. Soil containing chlorinated solvents sourced from the former dry cleaner was also excluded from this disposal facility, as described in a bullet below.
- **Soil Impacted with Petroleum Hydrocarbons—**Soil that contains contaminants at concentrations in exceedance of Cadman's acceptance criteria and less than the MTCA Method A cleanup levels, and has not been affected by the former dry cleaner release, will be transported to Waste Management's Arlington, Oregon facility.
- **Soil Affected by Dry Cleaner Release—**Soil affected by the dry cleaner release will be disposed of at Waste Management's Arlington facility under the Contained-In Determination provided by Ecology (Ecology, 2020, 2021a, 2021b). This soil is affected by the release from the former dry cleaner and contains PCE or its breakdown products at concentrations less than the MTCA Cleanup Levels.

7.1.2 *Rationale for the Selected Cleanup Action*

The selected cleanup action meets the cleanup requirements, including the RAOs, presented in Section 6.1 and also meets the four "threshold" requirements set forth in MTCA and identified in WAC 173-340-360(2)(a), as follows:

- **Protect human health and the environment** – Following cleanup/construction, all contaminated soil and groundwater will be removed and Site conditions will be protective of human health and terrestrial receptors.
- **Comply with cleanup standards** – The cleanup action developed for the Site will result in full removal of all contaminated soil and perched groundwater at the Site and therefore meets the cleanup standards presented in Section 5, including the RAOs and the points of compliance for soil and groundwater (Section 5.2).
- **Comply with applicable state and federal laws** – The cleanup action was specifically developed to comply with MTCA. The cleanup action is anticipated to comply with all other potential ARARs (see Section 6.2) because the required engineering design and agency review processes will include steps to ensure compliance. The means of compliance with ARARs will be documented in the preconstruction documentation that will be prepared during the design phase.
- **Provide for compliance monitoring** – During construction, quality control measures will ensure the remedial excavation meets the requirements of the CAP and MTCA.

The cleanup action has a reasonable restoration time frame and uses permanent solutions to the maximum extent practicable. The selected cleanup action meets MTCA threshold requirements and selection criteria per WAC 173-340-360.

7.2 Restoration Time Frame

Cleanup will be achieved upon completion of the redevelopment mass excavation. Mass excavation is anticipated to be completed in under 6 months from the start of excavation, which is considered a reasonable time frame in accordance with the factors listed in WAC 173-340-360(4)(b).

7.3 Schedule for Implementation

The implementation of the cleanup action will begin concurrently with the start of redevelopment excavation, which began in June 2021. Mass excavation was completed in November 2021.

8 References

Farallon Consulting (Farallon), Summary of Subsurface Investigation, 10650 Northeast 8th Street, Bellevue, Washington, October 8, 2018.

Golder Associates, Inc. (Golder), 2003, Phase II Environmental Site Assessment, Superblock – I Site, Bellevue, Washington, March 11, 2003.

SoundEarth Strategies, Inc. (SoundEarth), 2011, Summary of Supplemental Subsurface Investigation Activities, Former Town & Country Cleaners, 10640-10650 Northeast 8th Street, Bellevue, Washington, June 14, 201.1

9 Limitations

Work for this project was performed for the SCD NE8th LLC (Client), and this report was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

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Please refer to Appendix E titled "Report Limitations and Guidelines for Use" for additional information governing the use of this report.

TABLES

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
Golder, January 2003																		
BH-06	BH-6 S-4	17.5	155.5	22 U	56 U	110	--	--	--	--	--	--	--	--	--	--	--	--
BH-07	BH-7 S-2	7.5	165.5	22 U	54	110 U	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-2	7.5	167.5	22 U	**3,400 J**	110 U	--	--	**0.011**	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-3	12.5	162.5	22 U	**1,000 J**	**150 J**	--	--	**0.0098**	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-5	20	155	22 U	**800**	55 U	0.011 U	0.011 U	**0.017**	0.022 U	--	--	--	--	--	--	--	--
BH-08	BH-8 S-6	25	150	22 U	**44**	56 U	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-7	27.5	147.5	22 U	54 U	110 U	--	--	--	--	--	--	--	--	--	--	--	--
BH-09	BH-9 S-3	12.5	148.5	22 U	56 U	110 U	--	--	--	--	--	--	--	--	--	--	--	--
SoundEarth Strategies, March 2011																		
B01	B01-7.5	7.5	165.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B01	B01-12.5	12.5	160.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B01	B01-17.5	17.5	155.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B01	B01-22.5	22.5	150.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B01	B01-27.5	27.5	145.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B01	B01-30	30	143	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B02	B02-2.5	2.5	171.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B02	B02-7.5	7.5	166.5	--	**1,900**	250 U	0.03 U	0.05 U	**0.46**	5.4 U	--	--	--	--	--	--	--	--
B02	B02-12.5	12.5	161.5	**99**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B02	B02-17.5	17.5	156.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B02	B02-22.5	22.5	151.5	**25**	50 U	250 U	0.03 U	0.05 U	0.05 U	0.15 U	--	--	--	--	--	--	--	--
B02	B02-28.5	28.5	145.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B03	B03-7.5	7.5	166.5	--	--	--	0.03 U	0.05 U	**0.28**	0.15 U	--	--	--	--	--	--	--	--
B03	B03-12.5	12.5	161.5	**140**	**840**	250 U	0.03 U	0.05 U	0.05 U	0.15 U	--	--	--	--	--	--	--	--
B03	B03-17.5	17.5	156.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B03	B03-22.5	22.5	151.5	**200**	**5,300**	250 U	0.03 U	0.05 U	**0.59**	0.15 U	--	--	--	--	--	--	--	--
B03	B03-27.5	27.5	146.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B03	B03-32.5	32.5	141.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-7.5	7.5	164.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-12.5	12.5	159.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-17.5	17.5	154.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-22.5	22.5	149.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-27.5	27.5	144.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B04	B04-30	30	142	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-12.5	8.8	165.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-13.5	9.5	164.5	**41**	**1,900**	250 U	0.02 U	0.02 U	**0.086**	**0.13**	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
B05	B05-16.5	11.7	162.3	**14**	**370**	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B05	B05-19.5	13.8	160.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-22.5	15.9	158.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-27	19.1	154.9	2 U	**340**	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B05	B05-31.5	22.3	151.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-36.5	25.8	148.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-39	27.6	146.4	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B05	B05-40.5	28.6	145.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-43.5	30.8	143.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-45	31.8	142.2	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B05	B05-48.5	34.3	139.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-53	37.5	136.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B05	B05-57.5	40.7	133.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-6	4.2	169.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-11	7.8	166.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-16	11.3	162.7	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-25.5	18	156	**4.3**	**1,400**	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-31	21.9	152.1	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-36	25.5	148.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-39	27.6	146.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-40	28.3	145.7	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-42	29.7	144.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-43.5	30.8	143.2	2 U	50 U	250 U	**0.028**	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B06	B06-45.5	32.2	141.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-48.5	34.3	139.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-06	4.2	169.8	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B07	B07-16.5	11.7	162.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-21.5	15.2	158.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-23	16.3	157.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-24	17	157	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B07	B07-29	20.5	153.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-32	22.6	151.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-36.5	25.8	148.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-39.5	27.9	146.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B07	B07-45	31.8	142.2	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B07	B07-50	35.4	138.6	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B07	B07-51.5	36.4	137.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

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MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
B07	B07-54.5	38.5	135.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-20.5	20.5	150.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-25.5	25.5	145.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-30.5	30.5	140.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B08	B08-35.5	35.5	135.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-40.5	40.5	130.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-45.5	45.5	125.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-50.5	50.5	120.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B08	B08-55.5	55.5	115.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-06.5	6.5	164.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B09	B09-11.5	11.5	159.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-15.5	15.5	155.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B09	B09-21	21	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-25.5	25.5	145.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-30.5	30.5	140.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B09	B09-35.5	35.5	135.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-40.5	40.5	130.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B09	B09-44.5	44.5	126.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B10	B10-19.5	19.5	150.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B10	B10-24.5	24.5	145.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B10	B10-29.5	29.5	140.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B10	B10-39.5	39.5	130.5	2 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
B10	B10-44.5	44.5	125.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Farallon, April & May 2018																		
FB-01	FB-01-2.5-052118	2.5	176.5	4.8 U	28 U	56 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FB-01	FB-01-7.5-052318	7.5	171.5	6.1 U	28 U	56 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FB-01	FB-01-10.0-052318	10	169	5.2 U	28 U	**76**	0.00087 U	0.0044 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FB-01	FB-01-15.0-052318	15	164	5.0 U	27 U	54 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FB-01	FB-01-20.0-052318	20	159	4.8 U	27 U	54 U	0.0010 U	0.0052 U	0.0010 U	0.0021 U	--	--	--	--	--	--	--	--
FB-01	FB-01-25.0-052318	25	154	4.6 U	27 U	55 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FB-01	FB-01-35.0-052318	35	144	4.7 U	31 U	63 U	0.00083 U	0.0042 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FB-01	FB-01-40.0-052318	40	139	6.8 U	30 U	59 U	0.0011 U	0.0053 U	0.0011 U	0.0021 U	--	--	--	--	--	--	--	--
FB-02	FB-03-2.5-052118	2.5	176.5	4.7 U	28 U	**190**	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FB-02	FB-02-5.0-052318	5	174	5.1 U	28 U	56 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FB-02	FB-02-7.5-052318	7.5	171.5	5.1 U	28 U	57 U	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FB-02	FB-02-15.0-052318	15	164	4.7 U	27 U	55 U	0.0012 U	0.0060 U	0.0012 U	0.0024 U	--	--	--	--	--	--	--	--
FB-02	FB-02-25.0-052418	25	154	4.5 U	28 U	55 U	0.0012 U	0.0058 U	0.0012 U	0.0023 U	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
FB-02	FB-02-30.0-052418	30	149	5.4 U	26 U	53 U	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FB-02	FB-02-40.0-052418	40	139	6.4 U	31 U	61 U	0.0011 U	0.0054 U	0.0011 U	0.0022 U	--	--	--	--	--	--	--	--
FB-03	FB-04-2.5-052118	2.5	177.5	5.0 U	280 U	**1,400**	0.00091 U	0.0046 U	0.00091 U	0.0018 U	--	--	--	--	--	--	--	--
FB-03	FB-03-10.0-052418	10	170	5.0 U	28 U	57 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	--	--	--	--	--	--	--	--
FB-03	FB-03-15.0-052418	15	165	5.9 U	27 U	55 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FB-03	FB-03-25.0-052418	25	155	4.1 U	27 U	55 U	0.00087 U	0.0043 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FB-03	FB-03-35.0-052418	35	145	4.2 U	27 U	53 U	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FB-03	FB-03-40.0-052418	40	140	3.9 U	27 U	53 U	0.00083 U	0.0041 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FB-05	FB-05-5.0-052318	5	166	4.8 U	27 U	**170**	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FB-05	FB-05-10.0-052318	10	161	4.6 U	27 U	55 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FB-05	FB-05-20.0-052318	20	151	4.6 U	27 U	55 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	--	--	--	--	--	--	--	--
FB-05	FB-05-30.0-052318	30	141	4.3 U	27 U	54 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FB-05	FB-05-35.0-052318	35	136	4.1 U	27 U	54 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FB-05	FB-05-40.0-052318	40	131	4.4 U	28 U	55 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FB-06	FB-06-2.5-052218	2.5	172.5	4.5 U	28 U	56 U	0.00072 U	0.0036 U	0.00072 U	0.0014 U	--	--	--	--	--	--	--	--
FB-06	FB-06-7.5-052518	7.5	167.5	4.3 U	27 U	55 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FB-06	FB-06-10.0-052518	10	165	4.2 U	28 U	56 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FB-06	FB-06-20.0-052518	20	155	4.6 U	28 U	57 U	0.00079 U	0.0039 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FB-06	FB-06-22.5-052518	22.5	152.5	4.7 U	28 U	55 U	0.00080 U	0.0040 U	0.00080 U	0.0016 U	--	--	--	--	--	--	--	--
FB-07	FB-07-2.5-052218	2.5	168.5	4.3 U	28 U	56 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FB-07	FB-07-15.0-052318	15	156	4.3 U	27 U	55 U	0.00080 U	0.0040 U	0.00080 U	0.0016 U	--	--	--	--	--	--	--	--
FB-07	FB-07-25.0-052318	25	146	4.3 U	27 U	55 U	0.00079 U	0.0039 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FB-07	FB-07-35.0-052318	35	136	4.5 U	**58**	56 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FB-07	FB-07-40.0-052318	40	131	4.6 U	28 U	55 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FB-08	FB-08-2.5-052218	2.5	168.5	4.2 U	28 U	**73**	0.00077 U	0.0038 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FB-08	FB-08-10.0-052218	10	161	4.3 U	28 U	55 U	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FB-08	FB-08-20.0-052218	20	151	4.5 U	28 U	56 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FB-08	FB-08-25.0-052218	25	146	4.2 U	27 U	54 U	0.00072 U	0.0036 U	0.00072 U	0.0014 U	--	--	--	--	--	--	--	--
FB-08	FB-08-30.0-052218	30	141	3.8 U	27 U	54 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FB-08	FB-08-35.0-052218	35	136	4.3 U	28 U	55 U	0.00077 U	0.0038 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FB-09	FB-09-10.0-052218	10	170	4.6 U	27 U	54 U	0.00079 U	0.0039 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-5.0-040918	5	170	20 U	**2,300**	58 U	0.00075 U	0.0037 U	**0.0093**	**0.01687**	11 U	**54**	0.54 U	**44**	5.4 U	0.27 U	11 U	1.1 U
FMW-04	FMW-04-10.0-040918	10	165	22 U	**2,300**	54 U	**0.0013**	0.0035 U	**0.11**	**0.0165**	11 U	**53**	0.54 U	**46**	5.4 U	0.27 U	11 U	1.1 U
FMW-04	FMW-04-15.0-040918	15	160	25 U	**8,200**	570 U	**0.0015**	0.0045 U	**0.65**	**0.0553**	--	--	--	--	--	--	--	--
FMW-04	FMW-04-20.0-040918	20	155	4.1 U	27 U	54 U	0.00073 U	0.0037 U	0.00073 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-25.0-040918	20	155	4.1 U	27 U	54 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-35.0-040918	35	140	4.0 U	28 U	55 U	0.00067 U	0.0033 U	0.00067 U	0.0013 U	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
FMW-04	FMW-04-50.0-040918	50	125	4.2 U	27 U	53 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-60.0-040918	60	115	--	--	--	0.00092 U	0.0046 U	0.00092 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-70.0-041018	70	105	--	--	--	0.00093 U	0.0046 U	0.00093 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-80.0-041018	80	95	4.7 U	26 U	53 U	0.00083 U	0.0042 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-85.0-041018	85	90	5.3 U	**240**	59 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-90.0-041018	90	85	5.7 U	31 U	63 U	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-04	FMW-04-100.0-041018	100	75	5.5 U	31 U	61 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-05	FMW-05-5.0-040918	5	170	23 U	**1,300**	56 U	0.00081 U	0.0041 U	**0.018**	**0.024**	11 U	**53**	0.56 U	**31**	5.6 U	0.28 U	11 U	1.1 U
FMW-06	FMW-06-25.0-041318	25	147	4.4 U	28 U	55 U	0.00073 U	0.0037 U	0.00073 U	**0.0016**	--	--	--	--	--	--	--	--
FMW-06	FMW-06-35.0-041318	35	137	4.0 U	27 U	55 U	0.00071 U	0.0035 U	0.00071 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-5.0-040918	5	167	--	--	--	--	--	--	--	11 U	**57**	0.56 U	**30**	5.6 U	0.28 U	11 U	1.1 U
FMW-07	FMW-07-10.0	10	162	4.5 U	28 U	56 U	0.00079 U	0.0039 U	0.00079 U	0.0016 U	11 U	**44**	0.56 U	**37**	5.6 U	0.28 U	11 U	1.1 U
FMW-07	FMW-07-15.0	15	157	4.0 U	27 U	54 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-20.0	20	152	4.2 U	27 U	53 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-30.0	30	142	3.9 U	27 U	54 U	0.00071 U	0.0035 U	0.00071 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-33.0	33	139	3.9 U	27 U	54 U	0.00069 U	0.0035 U	0.00069 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-38.0	38	134	4.4 U	27 U	55 U	0.00070 U	0.0035 U	0.00070 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-45.0	45	127	--	--	--	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-50.0	50	122	--	--	--	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-60.0	60	112	3.9 U	26 U	52 U	0.0010 U	0.0052 U	0.0010 U	0.0021 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-70.0	70	102	4.5 U	26 U	52 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-80.0-041318	80	92	--	--	--	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-90.0-041318	90	82	4.8 U	29 U	59 U	0.00079 U	0.0040 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-07	FMW-07-95.0-041318	95	77	--	--	--	0.00098 U	0.0049 U	0.00098 U	--	--	--	--	--	--	--	--	--
FMW-08	FMW-08-5.0-041018	5	166	4.9 U	29 U	**58**	0.00085 U	0.0043 U	0.00085 U	0.0017 U	12 U	**78**	0.58 U	**39**	5.8 U	0.29 U	12 U	1.2 U
FMW-08	FMW-08-15.0-041618	15	156	5.1 U	30 U	60 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	12 U	**43**	0.60 U	**30**	**9.3**	0.30 U	12 U	1.2 U
FMW-08	FMW-08-20.0-041618	20	151	4.3 U	27 U	54 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-30.0-041618	30	141	4.1 U	27 U	54 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-33.0-041618	33	138	4.5 U	27 U	54 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-40.0-041618	40	131	4.3 U	27 U	54 U	0.00072 U	0.0036 U	0.00072 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-50.0-041618	50	121	--	--	--	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-60.0-041618	60	111	--	--	--	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-70.0-041618	70	101	--	--	--	0.00080 U	0.0040 U	0.00080 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-77.0-041618	77	94	--	--	--	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-08	FMW-08-90.0-041618	90	81	--	--	--	0.00093 U	0.0047 U	0.00093 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-5.0-041018	5	165	4.9 U	29 U	59 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	12 U	**73**	0.59 U	**38**	5.9 U	0.29 U	12 U	1.2 U
FMW-09	FMW-09-10.0-041718	10	160	4.5 U	28 U	56 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	11 U	**59**	0.56 U	**43**	5.6 U	0.28 U	11 U	1.1 U

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
FMW-09	FMW-09-15.0-041718	15	155	4.2 U	27 U	55 U	0.00075 U	0.0038 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-20.0-041718	20	150	4.5 U	28 U	57 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-25.0-041718	25	145	4.4 U	27 U	55 U	0.00080 U	0.0040 U	0.00080 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-30.0-041718	30	140	4.1 U	27 U	54 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-40.0-041718	40	130	--	--	--	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-50.0-041718	50	120	4.3 U	27 U	55 U	0.00072 U	0.0036 U	0.00072 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-60.0-041718	60	110	--	--	--	0.00071 U	0.0036 U	0.00071 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-70.0-041718	70	100	--	--	--	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-75.0-041818	75	95	4.9 U	29 U	58 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-80.0-041818	80	90	5.0 U	30 U	60 U	0.00081 U	0.0040 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-85.0-041818	85	85	5.7 U	31 U	62 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-09	FMW-09-95.0-041818	95	75	--	--	--	0.00097 U	0.0049 U	0.00097 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-5.0-041018	5	166	6.2 U	32 U	**140**	0.0010 U	0.0051 U	0.0010 U	0.0020 U	13 U	**63**	0.63 U	**40**	6.3 U	0.32 U	13 U	1.3 U
FMW-10	FMW-10-10.0-041718	10	161	4.5 U	29 U	57 U	0.00071 U	0.0036 U	0.00071 U	0.0014 U	11 U	**42**	0.57 U	**32**	5.7 U	0.29 U	11 U	1.1 U
FMW-10	FMW-10-20.0-041718	20	151	4.5 U	28 U	55 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-28.0-041718	28	143	4.3 U	28 U	55 U	0.00073 U	0.0037 U	0.00073 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-40.0-041718	40	131	3.9 U	27 U	54 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-45.0-041718	45	126	4.1 U	27 U	55 U	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-55.0-041718	55	116	4.3 U	27 U	53 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-65.0-041718	65	106	--	--	--	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-75.0-041718	75	96	--	--	--	0.00092 U	0.0046 U	0.00092 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-80.0-041718	80	91	--	--	--	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-10	FMW-10-85.0-041718	85	86	5.4 U	30 U	61 U	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-5.0-041018	5	175	5.2 U	30 U	59 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	12 U	**98**	0.59 U	**44**	5.9 U	0.30 U	12 U	1.2 U
FMW-11	FMW-11-15.0-041818	15	165	4.2 U	28 U	55 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-25.0-041818	25	155	4.2 U	27 U	55 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-30.0-041818	30	150	4.1 U	28 U	56 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-35.0-041818	35	145	5.0 U	28 U	56 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-45.0-041818	45	135	4.0 U	27 U	54 U	0.0010 U	0.0052 U	0.0010 U	0.0021 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-55.0-041818	55	125	4.1 U	27 U	54 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-60.0-041818	60	120	4.2 U	27 U	53 U	0.00083 U	0.0042 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-70.0	70	110	--	--	--	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-80.0	80	100	5.1 U	26 U	51 U	0.00089 U	0.0044 U	0.00089 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-90.0	90	90	--	--	--	0.00085 U	0.0043 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-95.0	95	85	5.2 U	31 U	62 U	0.00087 U	0.0044 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-11	FMW-11-100.0	100	80	--	--	--	0.00089 U	0.0044 U	0.00089 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-5.0-041118	5	168	5.0 U	**99**	57 U	0.00093 U	0.0046 U	0.00093 U	0.0019 U	11 U	**99**	0.57 U	**45**	5.7 U	0.29 U	11 U	1.1 U

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
FMW-12	FMW-12-13.0-041118	13	160	5.0 U	29 U	58 U	0.00077 U	0.0038 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-20.0-041118	20	153	4.4 U	27 U	54 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-25.0-041118	25	148	4.2 U	27 U	54 U	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-35.0-041118	35	138	4.2 U	27 U	55 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-45.0-041118	45	128	4.4 U	27 U	54 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-55.0-041118	55	118	4.0 U	27 U	54 U	0.00066 U	0.0033 U	0.00066 U	0.0013 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-60.0-041118	60	113	--	--	--	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-75.0-041118	75	98	--	--	--	0.00075 U	0.0037 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-85.0-041118	85	88	--	--	--	0.00087 U	0.0043 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-12	FMW-12-90.0-041118	90	83	5.5 U	31 U	62 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-5.0-041118	5	177	5.0 U	29 U	57 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	11 U	**65**	0.57 U	**36**	5.7 U	**0.33**	11 U	1.1 U
FMW-13	FMW-13-10.0	10	172	4.0 U	27 U	55 U	0.00073 U	0.0037 U	0.00073 U	0.0015 U	11 U	**56**	0.54 U	**45**	5.4 U	0.27 U	11 U	1.1 U
FMW-13	FMW-13-20.0	20	162	4.6 U	27 U	53 U	0.00089 U	0.0045 U	0.00089 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-30.0	30	152	4.9 U	28 U	56 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-40.0	40	142	4.8 U	28 U	55 U	0.00087 U	0.0044 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-50.0	50	132	--	--	--	0.00079 U	0.0040 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-60.0	60	122	--	--	--	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-70.0-042018	70	112	--	--	--	0.00088 U	0.0044 U	0.00088 U	0.0044 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-80.0-042018	80	102	--	--	--	0.00072 U	0.0036 U	0.00072 U	0.0036 U	--	--	--	--	--	--	--	--
FMW-13	FMW-13-90.0-042018	90	92	--	--	--	0.00086 U	0.0043 U	0.00086 U	0.0043 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-2.5-052118	2.5	170.5	4.8 U	28 U	57 U	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-5.0-052118	5	168	4.9 U	28 U	**150**	0.00079 U	0.0039 U	0.00079 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-7.5-052118	7.5	165.5	4.2 U	28 U	56 U	0.00075 U	0.0038 U	0.00075 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-10.0-052118	10	163	4.3 U	28 U	55 U	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-15.0-052118	15	158	4.6 U	28 U	56 U	0.00069 U	0.0035 U	0.00069 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-20.0-052118	20	153	4.6 U	27 U	54 U	0.00093 U	0.0046 U	0.00093 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-25.0-052118	25	148	--	--	--	0.0012 U	0.0058 U	0.0012 U	0.0023 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-30.0-052118	30	143	--	--	--	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-35.0-052118	35	138	--	--	--	0.00088 U	0.0044 U	0.00088 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-14	FMW-14-40.0-052118	40	133	--	--	--	0.00089 U	0.0045 U	0.00089 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-7.5-052118	7.5	166.5	4.4 U	28 U	55 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-15.0-052118	15	159	4.5 U	28 U	**240**	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-20.0-052118	20	154	4.5 U	27 U	55 U	0.00074 U	0.0037 U	0.00074 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-25.0-052118	25	149	4.6 U	27 U	54 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-35.0-052118	35	139	4.7 U	28 U	55 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-40.0-052118	40	134	--	--	--	0.00068 U	0.0034 U	0.00068 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-15	FMW-15-45.0-052118	45	129	4.0 U	27 U	54 U	0.00070 U	0.0035 U	0.00070 U	0.0014 U	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
FMW-15	FMW-15-50.0-052118	50	124	4.7 U	26 U	53 U	0.00092 U	0.0046 U	0.00092 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-2.5-052118	2.5	177.5	4.9 U	140 U	**500**	0.00087 U	0.0044 U	0.00087 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-5.0-052218	5	175	5.0 U	29 U	**230**	0.00095 U	0.0048 U	0.00095 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-7.5-052218	7.5	172.5	4.5 U	28 U	57 U	0.00083 U	0.0041 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-10.0-052218	10	170	4.3 U	28 U	56 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-15.0-052218	15	165	4.8 U	27 U	54 U	0.00072 U	0.0036 U	0.00072 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-20.0-052218	20	160	5.3 U	28 U	55 U	0.00085 U	0.0042 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-25.0-052218	25	155	4.4 U	27 U	54 U	0.00089 U	0.0044 U	0.00089 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-35.0-052218	35	145	4.5 U	27 U	54 U	0.00085 U	0.0042 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-40.0-052218	40	140	4.8 U	27 U	54 U	0.00084 U	0.0042 U	0.00084 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-45.0-052218	45	135	5.3 U	26 U	53 U	0.00068 U	0.0034 U	0.00068 U	0.0014 U	--	--	--	--	--	--	--	--
FMW-16	FMW-16-55.0-052218	55	125	4.1 U	27 U	53 U	0.00094 U	0.0047 U	0.00094 U	0.0019 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-5.0-052218	5	165	4.5 U	34 U	**380**	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-10.0-052218	10	160	4.6 U	28 U	55 U	0.00083 U	0.0041 U	0.00083 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-15.0-052218	15	155	4.6 U	27 U	**83**	0.00081 U	0.0040 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-25.0-052218	25	145	4.4 U	27 U	55 U	0.00077 U	0.0039 U	0.00077 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-35.0-052218	35	135	4.3 U	28 U	56 U	0.00091 U	0.0045 U	0.00091 U	0.0018 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-40.0-052218	40	130	4.5 U	27 U	55 U	0.00081 U	0.0041 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-17	FMW-17-45.0-052218	45	125	4.6 U	27 U	54 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-5.0-052318	5	166	4.6 U	28 U	**190**	0.00076 U	0.0038 U	0.00076 U	0.0015 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-15.0-052318	15	156	4.5 U	27 U	55 U	0.00085 U	0.0043 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-25.0-052318	25	146	4.5 U	27 U	54 U	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-35.0-052318	35	136	4.6 U	28 U	55 U	**0.0011**	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-40.0-052318	40	131	4.9 U	28 U	56 U	0.00082 U	0.0041 U	0.00082 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-45.0-052318	45	126	4.4 U	29 U	58 U	0.00081 U	0.0040 U	0.00081 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-18	FMW-18-50.0-052318	50	121	4.7 U	27 U	55 U	0.00085 U	0.0043 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-7.5-052318	7.5	171.5	4.5 U	27 U	55 U	0.00080 U	0.0040 U	0.00080 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-15.0-052318	15	164	4.4 U	27 U	**290**	0.00086 U	0.0043 U	0.00086 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-25.0-052318	25	154	5.7 U	28 U	55 U	0.00078 U	0.0039 U	0.00078 U	0.0016 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-30.0-052318	30	149	5.6 U	27 U	55 U	0.00085 U	0.0043 U	0.00085 U	0.0017 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-35.0-052318	35	144	4.9 U	30 U	60 U	0.0011 U	0.0055 U	0.0011 U	0.0022 U	--	--	--	--	--	--	--	--
FMW-19/FB-4	FB-04-40.0-052318	40	139	7.3 U	29 U	57 U	0.00090 U	0.0045 U	0.00090 U	0.0018 U	--	--	--	--	--	--	--	--
Aspect, 2019 to 2021																		
Mobilization 1 - May 2019																		
AB-01	AB-01-7.5	7.5	168.5	5 U	50 U	250 U	0.03 U	0.05 U	0.05 U	0.1 U	--	--	--	--	--	--	--	--
AB-01	AB-01-15.0	15	161	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-25.0	25	151	5 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
AB-01	AB-01-35.0	35	141	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-50.0	50	126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-02	AB-02-7.5	7.5	167.5	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-02	AB-02-30.0	30	145	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-02	AB-02-60.0	60	115	--	--	--	--	--	--	--	**3.62**	**73.2**	1 U	**46.8**	**9.95**	1 U	1 U	1 U
AMW-01	AMW-01-5.0	5	169	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AMW-01	AMW-01-10.0	10	164	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AMW-01	AMW-01-25.0	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-01	AMW-01-66.0	66	108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobilization 2 - July 2019																		
AB-05	AB-05-20.0	20	154	**27**	50 U	250 U	0.003 U	0.005 U	**0.016**	0.01 U	--	--	--	--	--	--	--	--
AB-05	AB-05-30.0	30	144	**230**	**3,900**	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-05	AB-05-50.0	50	124	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-06	AB-06-2.5	2.5	171.5	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	**2.24**	**70.4**	1 U	**17.7**	**2.42**	1 U	1 U	1 U
AB-06	AB-06-40.0	40	134	**200**	50 U	250 U	0.003 U	0.005 U	**0.0059**	**0.013**	--	--	--	--	--	--	--	--
AB-06	AB-06-55.0	55	119	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-10	AB-10-15.0	15	157	5 U	50 U	250 U	0.02 U	0.02 U	0.02 U	0.06 U	--	--	--	--	--	--	--	--
AB-10	AB-10-25.0	25	147	5 U	**3,500**	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-10	AB-10-33.0	33	139	**13**	**78**	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-10	AB-10-45.0	45	127	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-10	AB-10-62.0	62	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-11	AB-11-7.0	7	174	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-12	AB-12-2.0	2	176	**43**	**610**	**1,800**	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-12	AB-12-15.0	15	163	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-12	AB-12-20.0	20	158	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-13	AB-13-5.0	5	172	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-13	AB-13-40.0	40	137	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-14	AB-14-5.0	5	177	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AB-14	AB-14-70.0	70	112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-20.0	20	154	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	--	--	--	--	--	--	--	--
AMW-02	AMW-2-30.0	30	144	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-42.0	42	132	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-55.0	55	119	--	**1,200**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-60.0	60	114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-65.0	65	109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-70.0	70	104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobilization 3 - May 2020																		

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
AB-03	AB-03-5	5	165	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	**1.94**	**50.2**	1 U	**18.1**	**1.72**	1 U	1 U	1 U
AB-03	AB-03-45	45	125	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	1 U	**17.7**	1 U	**11.2**	1 U	1 U	1 U	1 U
AB-04	AB-04-10	10	160	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	**1.49**	**37.0**	1 U	**17.0**	**1.39**	1 U	1 U	1 U
AB-04	AB-04-30	30	140	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	1 U	**19.7**	1 U	**10.8**	1 U	1 U	1 U	1 U
AB-04	AB-04-60	60	110	5 U	50 U	250 U	0.003 U	0.005 U	0.005 U	0.01 U	**1.68**	**46.7**	1 U	**18.2**	**1.64**	1 U	1 U	1 U
AB-07	AB-07-5	5	169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-12.5	12.5	161.5	**170**	**790**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-15	15	159	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-20	20	154	**180**	**1,400**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-25	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-30	30	144	**25**	**140**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-35	35	139	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-45	45	129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-50	50	124	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-08	AB-08-2.5	2.5	169.5	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-08	AB-08-25	25	147	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-08	AB-08-35	35	137	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-08	AB-08-45	45	127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-12.5	12.5	161.5	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-25	25	149	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-35	35	139	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-40	40	134	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-16	AB-16-27.5	27.5	148.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-16	AB-16-35	35	141	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-5	5	169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-10	10	164	**170**	**2,300**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-15	15	159	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-25	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-35	35	139	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-5	5	169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-10	10	164	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-15	15	159	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-25	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-35	35	139	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-19	AB-19-5	5	167	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-19	AB-19-15	15	157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-19	AB-19-25	25	147	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1a. Summary of Soil Data - Petroleum Hydrocarbons, BTEX, Metals

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Petroleum Hydrocarbons			BTEX				Metals							
				Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**100**	**2000**	**2000**	**0.03**	**7**	**6**	**9**	**20**	**16000**	**2**	**48**	**250**	**2**	**400**	**400**
AB-19	AB-19-35	35	137	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-19	AB-19-45	45	127	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-5	5	169	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-12.5	12.5	161.5	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-22.5	22.5	151.5	**220**	**7,000**	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-25	25	149	5 U	50 U	250 U	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-35	35	139	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-45	45	129	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobilization 4 - April 2021																		
AB-15	AB-15-7.5	7.5	172.5	3.67 U	51.3 U	103 U	0.0147 U	0.0477 U	0.0184 U	0.0367 U	**3.95**	**33.8**	0.185 U	**31.8**[1]	**2.41**	0.272 U	**0.718**	0.138 U
AB-15	AB-15-17	17	163	5.71 U	52.5 U	105 U	0.0229 U	0.0743 U	0.0286 U	0.0571 U	--	--	--	--	--	--	--	--
AB-15	AB-15-27.5	27.5	152.5	6.22 U	51.0 U	102 U	0.0249 U	0.0808 U	0.0311 U	0.0622 U	**1.64**	**41.4**	0.181 U	**25.3**	**1.71**	0.252 U	**1.02**	0.135 U
AB-15	AB-15-34	34	146	6.63 U	47.4 U	94.7 U	0.0265 U	0.0861 U	0.0331 U	0.0663 U	--	--	--	--	--	--	--	--
AB-15	AB-15-47	47	133	5.77 U	46.3 U	92.6 U	0.0231 U	0.0750 U	0.0288 U	0.0577 U	**4.89**	**79.3**	0.168 U	**19.3**	**2.44**	0.255 U	**0.457**	0.126 U
AB-15	AB-15-54	54	126	8.50 U	48.1 U	96.2 U	0.0156 U	0.110 U	0.0425 U	0.085 U	--	--	--	--	--	--	--	--
AB-15	AB-15-69	69	111	7.30 U	45.8 U	91.6 U	0.0292 U	0.0949 U	0.0365 U	0.073 U	--	--	--	--	--	--	--	--
AB-15	AB-15-79	79	101	6.48 U	45.2 U	90.5 U	0.0259 U	0.0842 U	0.0324 U	0.0648 U	--	--	--	--	--	--	--	--

Notes:

Bold indicates a detected concentration.

Notes:

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for Unrestricted Land Use.

All results are reported in milligrams per kilogram (mg/kg).

U = the analyte was analyzed for, but was considered not detected at the reporting limit or reported value.

UJ = the analyte was analyzed for, but was considered not detected at the estimated reporting limit.

J = the indicated concentration is considered an estimate.

X = sample chromatographic pattern does not match fuel standard used for quantitation.

-- = not analyzed

MTCA = Model Toxics Control Act

BTEX = benzene, toluene, ethylbenzene, total xylenes

bgs = below ground surface

[1] The total chromium result was speciated and hexavalent chromium was not detected above the laboratory reporting limit.

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
Golder, January 2003																			
BH-06	BH-6 S-4	17.5	155.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-07	BH-7 S-2	7.5	165.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-2	7.5	167.5	**0.0084**	**0.047**	--	--	**0.014**	--	--	--	**0.037**	--	**0.024**	**0.021**	--	--	--	--
BH-08	BH-8 S-3	12.5	162.5	**0.0074**	**0.072**	--	--	**0.018**	--	--	--	**0.037**	--	**0.040**	**0.037**	--	--	--	--
BH-08	BH-8 S-5	20	155	**0.12**	**0.18**	--	0.011 U	**0.050**	0.022 U	*0.055 U*	--	**0.13**	0.011 U	**0.13**	**0.12**	0.011 U	0.011 U	0.011 U	0.011 U
BH-08	BH-8 S-6	25	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-7	27.5	147.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-09	BH-9 S-3	12.5	148.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SoundEarth Strategies, March 2011																			
B01	B01-7.5	7.5	165.5	--	--	--	0.05 U	--	--	**0.99* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B01	B01-12.5	12.5	160.5	--	--	--	0.05 U	--	--	**0.60* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B01	B01-17.5	17.5	155.5	--	--	--	0.05 U	--	--	**1.0* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B01	B01-22.5	22.5	150.5	--	--	--	0.05 U	--	--	**0.58* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B01	B01-27.5	27.5	145.5	--	--	--	0.05 U	--	--	**0.80* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B01	B01-30	30	143	--	--	--	0.05 U	--	--	**1.2* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-2.5	2.5	171.5	--	--	--	0.05 U	--	--	**1.3* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-7.5	7.5	166.5	--	--	--	0.05 U	--	--	**1.2* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-12.5	12.5	161.5	--	--	--	0.05 U	--	--	**0.57* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-17.5	17.5	156.5	--	--	--	0.05 U	--	--	**0.79* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-22.5	22.5	151.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B02	B02-28.5	28.5	145.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B03	B03-7.5	7.5	166.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B03	B03-12.5	12.5	161.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B03	B03-17.5	17.5	156.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B03	B03-22.5	22.5	151.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	**0.058**
B03	B03-27.5	27.5	146.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B03	B03-32.5	32.5	141.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-7.5	7.5	164.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-12.5	12.5	159.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-17.5	17.5	154.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-22.5	22.5	149.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-27.5	27.5	144.5	--	--	--	0.05 U	--	--	**0.61* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B04	B04-30	30	142	--	--	--	0.05 U	--	--	**0.84* J**	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-12.5	8.8	165.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-13.5	9.5	164.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-16.5	11.7	162.3	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-19.5	13.8	160.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-22.5	15.9	158.1	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-27	19.1	154.9	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-31.5	22.3	151.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-36.5	25.8	148.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-39	27.6	146.4	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-40.5	28.6	145.4	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
B05	B05-43.5	30.8	143.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-45	31.8	142.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-48.5	34.3	139.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-53	37.5	136.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B05	B05-57.5	40.7	133.3	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-6	4.2	169.8	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-11	7.8	166.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-16	11.3	162.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-25.5	18	156	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-31	21.9	152.1	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-36	25.5	148.5	--	--	--	**0.12**	--	--	*0.5 U*	--	--	--	--	--	**0.045**	0.05 U	0.03 U	0.05 U
B06	B06-39	27.6	146.4	--	--	--	**0.081**	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-40	28.3	145.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-42	29.7	144.3	--	--	--	**0.16**	--	--	*0.5 U*	--	--	--	--	--	**0.032**	0.05 U	0.03 U	0.05 U
B06	B06-43.5	30.8	143.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B06	B06-45.5	32.2	141.8	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B06	B06-48.5	34.3	139.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-06	4.2	169.8	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-16.5	11.7	162.3	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-21.5	15.2	158.8	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-23	16.3	157.7	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-24	17	157	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-29	20.5	153.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-32	22.6	151.4	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-36.5	25.8	148.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-39.5	27.9	146.1	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-45	31.8	142.2	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-50	35.4	138.6	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	**0.065**	0.05 U	0.03 U	0.05 U
B07	B07-51.5	36.4	137.6	--	--	--	**0.066**	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B07	B07-54.5	38.5	135.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-20.5	20.5	150.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-25.5	25.5	145.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-30.5	30.5	140.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-35.5	35.5	135.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-40.5	40.5	130.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-45.5	45.5	125.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B08	B08-50.5	50.5	120.5	--	--	--	0.05 UJ	--	--	*0.5 UJ*	--	--	--	--	--	0.025 UJ	0.05 UJ	0.03 UJ	0.05 UJ
B08	B08-55.5	55.5	115.5	--	--	--	0.05 UJ	--	--	*0.5 UJ*	--	--	--	--	--	0.025 UJ	0.05 UJ	0.03 UJ	0.05 UJ
B09	B09-06.5	6.5	164.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-11.5	11.5	159.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-15.5	15.5	155.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-21	21	150	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-25.5	25.5	145.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
B09	B09-30.5	30.5	140.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-35.5	35.5	135.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-40.5	40.5	130.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B09	B09-44.5	44.5	126.5	--	--	--	0.05 UJ	--	--	*0.5 UJ*	--	--	--	--	--	0.025 UJ	0.05 UJ	0.03 UJ	0.05 UJ
B10	B10-19.5	19.5	150.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B10	B10-24.5	24.5	145.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B10	B10-29.5	29.5	140.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B10	B10-39.5	39.5	130.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
B10	B10-44.5	44.5	125.5	--	--	--	0.05 U	--	--	*0.5 U*	--	--	--	--	--	0.025 U	0.05 U	0.03 U	0.05 U
Farallon, April & May 2018																			
FB-01	FB-01-2.5-052118	2.5	176.5	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.00086 U	0.00086 U	0.00086 U	0.00086 U
FB-01	FB-01-7.5-052318	7.5	171.5	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.0018 U	0.00088 U	0.00088 U	0.00088 U
FB-01	FB-01-10.0-052318	10	169	--	--	--	0.00087 U	--	0.0017 U	0.0044 U	--	--	0.00087 U	--	--	0.0017 U	0.00087 U	0.00087 U	0.00087 U
FB-01	FB-01-15.0-052318	15	164	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.0018 U	0.00088 U	0.00088 U	0.00088 U
FB-01	FB-01-20.0-052318	20	159	--	--	--	0.0010 U	--	0.0021 U	0.0052 U	--	--	0.0010 U	--	--	0.0021 U	0.0010 U	0.0010 U	0.0010 U
FB-01	FB-01-25.0-052318	25	154	--	--	--	0.00081 U	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.0016 U	0.00081 U	0.00081 U	0.00081 U
FB-01	FB-01-35.0-052318	35	144	--	--	--	0.00083 U	--	0.0017 U	0.0042 U	--	--	0.00083 U	--	--	0.0017 U	0.00083 U	0.00083 U	0.00083 U
FB-01	FB-01-40.0-052318	40	139	--	--	--	0.0011 U	--	0.0021 U	0.0053 U	--	--	0.0011 U	--	--	0.0021 U	0.0011 U	0.0011 U	0.0011 U
FB-02	FB-03-2.5-052118	2.5	176.5	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FB-02	FB-02-5.0-052318	5	174	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.0017 U	0.00086 U	0.00086 U	0.00086 U
FB-02	FB-02-7.5-052318	7.5	171.5	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.0015 U	0.00075 U	0.00075 U	0.00075 U
FB-02	FB-02-15.0-052318	15	164	--	--	--	0.0012 U	--	0.0024 U	0.0060 U	--	--	0.0012 U	--	--	0.0024 U	0.0012 U	0.0012 U	0.0012 U
FB-02	FB-02-25.0-052418	25	154	--	--	--	0.0012 U	--	0.0023 U	0.0058 U	--	--	0.0012 U	--	--	0.0012 U	0.0012 U	0.0012 U	0.0012 U
FB-02	FB-02-30.0-052418	30	149	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FB-02	FB-02-40.0-052418	40	139	--	--	--	0.0011 U	--	0.0022 U	0.0054 U	--	--	0.0011 U	--	--	0.0011 U	0.0011 U	0.0011 U	0.0011 U
FB-03	FB-04-2.5-052118	2.5	177.5	--	--	--	0.00091 U	--	0.0018 U	0.0046 U	--	--	0.00091 U	--	--	**0.0091**	0.00091 U	0.00091 U	0.00091 U
FB-03	FB-03-10.0-052418	10	170	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FB-03	FB-03-15.0-052418	15	165	--	--	--	0.00081 U	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FB-03	FB-03-25.0-052418	25	155	--	--	--	**0.00095**	--	0.0017 U	0.0043 U	--	--	0.00087 U	--	--	0.00087 U	0.00087 U	0.00087 U	0.00087 U
FB-03	FB-03-35.0-052418	35	145	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FB-03	FB-03-40.0-052418	40	140	--	--	--	0.00083 U	--	0.0017 U	0.0041 U	--	--	0.00083 U	--	--	0.00083 U	0.00083 U	0.00083 U	0.00083 U
FB-05	FB-05-5.0-052318	5	166	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.0016 U	0.00078 U	0.00078 U	0.00078 U
FB-05	FB-05-10.0-052318	10	161	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.0016 U	0.00082 U	0.00082 U	0.00082 U
FB-05	FB-05-20.0-052318	20	151	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.0017 U	0.00084 U	0.00084 U	0.00084 U
FB-05	FB-05-30.0-052318	30	141	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.0015 U	0.00077 U	0.00077 U	0.00077 U
FB-05	FB-05-35.0-052318	35	136	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.0015 U	0.00076 U	0.00076 U	0.00076 U
FB-05	FB-05-40.0-052318	40	131	--	--	--	**0.0020**	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.0015 U	0.00076 U	0.00076 U	0.00076 U
FB-06	FB-06-2.5-052218	2.5	172.5	--	--	--	0.00072 U	--	0.0014 U	0.0036 U	--	--	0.00072 U	--	--	0.00072 U	0.00072 U	0.00072 U	0.00072 U
FB-06	FB-06-7.5-052518	7.5	167.5	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FB-06	FB-06-10.0-052518	10	165	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U
FB-06	FB-06-20.0-052518	20	155	--	--	--	0.00079 U	--	0.0016 U	0.0039 U	--	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U
FB-06	FB-06-22.5-052518	22.5	152.5	--	--	--	**0.0036**	--	0.0016 U	0.0040 U	--	--	0.00080 U	--	--	**0.022**	0.00080 U	**0.013**	0.00080 U
FB-07	FB-07-2.5-052218	2.5	168.5	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
FB-07	FB-07-15.0-052318	15	156	--	--	--	0.00080 U	--	0.0016 U	0.0040 U	--	--	0.00080 U	--	--	0.0016 U	0.00080 U	0.00080 U	0.00080 U
FB-07	FB-07-25.0-052318	25	146	--	--	--	0.00079 U	--	0.0016 U	0.0039 U	--	--	0.00079 U	--	--	0.0016 U	0.00079 U	0.00079 U	0.00079 U
FB-07	FB-07-35.0-052318	35	136	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.0016 U	0.00082 U	0.00082 U	0.00082 U
FB-07	FB-07-40.0-052318	40	131	--	--	--	0.00081 U	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.0016 U	0.00081 U	0.00081 U	0.00081 U
FB-08	FB-08-2.5-052218	2.5	168.5	--	--	--	0.00077 U	--	0.0015 U	0.0038 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FB-08	FB-08-10.0-052218	10	161	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FB-08	FB-08-20.0-052218	20	151	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FB-08	FB-08-25.0-052218	25	146	--	--	--	0.00072 U	--	0.0014 U	0.0036 U	--	--	0.00072 U	--	--	0.00072 U	0.00072 U	0.00072 U	0.00072 U
FB-08	FB-08-30.0-052218	30	141	--	--	--	0.00081 U	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FB-08	FB-08-35.0-052218	35	136	--	--	--	0.00077 U	--	0.0015 U	0.0038 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FB-09	FB-09-10.0-052218	10	170	--	--	--	0.00079 U	--	0.0016 U	0.0039 U	--	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U
FMW-04	FMW-04-5.0-040918	5	170	--	--	--	0.00075 U	--	**0.016**	0.0052 U	--	--	**0.00087**	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-04	FMW-04-10.0-040918	10	165	--	--	--	**0.0016**	--	**0.015**	0.0049 U	--	--	**0.0015**	--	--	0.00071 U	0.00071 U	0.00071 U	**0.00099**
FMW-04	FMW-04-15.0-040918	15	160	--	--	--	**0.0012**	--	**0.05**	0.0063 U	--	--	**0.0053**	--	--	**0.0011**	0.00091 U	0.00091 U	0.00091 U
FMW-04	FMW-04-20.0-040918	20	155	--	--	--	0.00073 U	--	0.0015 U	0.0051 U	--	--	0.00073 U	--	--	0.00073 U	0.00073 U	0.00073 U	0.00073 U
FMW-04	FMW-04-25.0-040918	20	155	--	--	--	0.00074 U	--	0.0015 U	0.0051 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-04	FMW-04-35.0-040918	35	140	--	--	--	**0.0058**	--	0.0013 U	0.0046 U	--	--	0.00067 U	--	--	0.00067 U	0.00067 U	0.00067 U	0.00067 U
FMW-04	FMW-04-50.0-040918	50	125	--	--	--	0.00081 U	--	0.0016 U	0.0056 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-04	FMW-04-60.0-040918	60	115	--	--	--	0.00092 U	--	0.0018 U	0.0063 U	--	--	0.00092 U	--	--	0.00092 U	0.00092 U	0.00092 U	0.00092 U
FMW-04	FMW-04-70.0-041018	70	105	--	--	--	0.00093 U	--	0.0019 U	0.0046 U	--	--	0.00093 U	--	--	0.00093 U	0.00093 U	0.00093 U	0.00093 U
FMW-04	FMW-04-80.0-041018	80	95	--	--	--	0.00083 U	--	0.0017 U	0.0042 U	--	--	0.00083 U	--	--	0.00083 U	0.00083 U	0.00083 U	0.00083 U
FMW-04	FMW-04-85.0-041018	85	90	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FMW-04	FMW-04-90.0-041018	90	85	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FMW-04	FMW-04-100.0-041018	100	75	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-05	FMW-05-5.0-040918	5	170	--	--	--	0.00081 U	--	**0.024**	0.0056 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-06	FMW-06-25.0-041318	25	147	--	--	--	0.00073 U	--	**0.0016**	0.0037 U	--	--	0.00073 U	--	--	0.00073 U	0.00073 U	0.00073 U	0.00073 U
FMW-06	FMW-06-35.0-041318	35	137	--	--	--	**0.0086**	--	0.0014 U	0.0035 U	--	--	0.00071 U	--	--	0.00071 U	0.00071 U	0.00071 U	**0.0023**
FMW-07	FMW-07-5.0-040918	5	167	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
FMW-07	FMW-07-10.0	10	162	--	--	--	0.00079 U	--	0.0016 U	0.0039 U	--	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U
FMW-07	FMW-07-15.0	15	157	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-07	FMW-07-20.0	20	152	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	**0.00091**	0.00076 U
FMW-07	FMW-07-30.0	30	142	--	--	--	0.00071 U	--	0.0014 U	0.0035 U	--	--	0.00071 U	--	--	0.00071 U	0.00071 U	**0.0010**	0.00071 U
FMW-07	FMW-07-33.0	33	139	--	--	--	**0.0015**	--	0.0014 U	0.0035 U	--	--	0.00069 U	--	--	0.00069 U	0.00069 U	0.00069 U	**0.00093**
FMW-07	FMW-07-38.0	38	134	--	--	--	**0.018**	--	0.0014 U	0.0035 U	--	--	0.00070 U	--	--	0.00070 U	0.00070 U	0.00070 U	**0.0021**
FMW-07	FMW-07-45.0	45	127	--	--	--	**0.0031**	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	**0.00078**
FMW-07	FMW-07-50.0	50	122	--	--	--	**0.0066**	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FMW-07	FMW-07-60.0	60	112	--	--	--	0.0010 U	--	0.0021 U	0.0052 U	--	--	0.0010 U	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U
FMW-07	FMW-07-70.0	70	102	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FMW-07	FMW-07-80.0-041318	80	92	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U
FMW-07	FMW-07-90.0-041318	90	82	--	--	--	0.00079 U	--	0.0016 U	0.0040 U	--	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U
FMW-07	FMW-07-95.0-041318	95	77	--	--	--	0.00098 U	--	0.0020 U	0.0049 U	--	--	0.00098 U	--	--	0.00098 U	0.00098 U	0.00098 U	0.00098 U
FMW-08	FMW-08-5.0-041018	5	166	--	--	--	0.00085 U	--	0.0017 U	0.0043 U	--	--	0.00085 U	--	--	0.00085 U	0.00085 U	0.00085 U	0.00085 U
FMW-08	FMW-08-15.0-041618	15	156	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.00086 U	0.00086 U	0.00086 U	0.00086 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
FMW-08	FMW-08-20.0-041618	20	151	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-08	FMW-08-30.0-041618	30	141	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U
FMW-08	FMW-08-33.0-041618	33	138	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.00086 U	0.00086 U	0.00086 U	0.00086 U
FMW-08	FMW-08-40.0-041618	40	131	--	--	--	0.00072 U	--	0.0014 U	0.0036 U	--	--	0.00072 U	--	--	0.00072 U	0.00072 U	0.00072 U	0.00072 U
FMW-08	FMW-08-50.0-041618	50	121	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FMW-08	FMW-08-60.0-041618	60	111	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-08	FMW-08-70.0-041618	70	101	--	--	--	0.00080 U	--	0.0016 U	0.0040 U	--	--	0.00080 U	--	--	0.00080 U	0.00080 U	0.00080 U	0.00080 U
FMW-08	FMW-08-77.0-041618	77	94	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FMW-08	FMW-08-90.0-041618	90	81	--	--	--	0.00093 U	--	0.0019 U	0.0047 U	--	--	0.00093 U	--	--	0.00093 U	0.00093 U	0.00093 U	0.00093 U
FMW-09	FMW-09-5.0-041018	5	165	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FMW-09	FMW-09-10.0-041718	10	160	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-09	FMW-09-15.0-041718	15	155	--	--	--	0.00075 U	--	0.0015 U	0.0038 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-09	FMW-09-20.0-041718	20	150	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-09	FMW-09-25.0-041718	25	145	--	--	--	0.00080 U	--	0.0016 U	0.0040 U	--	--	0.00080 U	--	--	0.00080 U	0.00080 U	0.00080 U	0.00080 U
FMW-09	FMW-09-30.0-041718	30	140	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-09	FMW-09-40.0-041718	40	130	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-09	FMW-09-50.0-041718	50	120	--	--	--	**0.0097**	--	0.0014 U	0.0036 U	--	--	0.00072 U	--	--	0.00072 U	0.00072 U	0.00072 U	**0.0029**
FMW-09	FMW-09-60.0-041718	60	110	--	--	--	0.00071 U	--	0.0014 U	0.0036 U	--	--	0.00071 U	--	--	0.00071 U	0.00071 U	0.00071 U	**0.0052**
FMW-09	FMW-09-70.0-041718	70	100	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-09	FMW-09-75.0-041818	75	95	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-09	FMW-09-80.0-041818	80	90	--	--	--	0.00081 U	--	0.0016 U	0.0040 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-09	FMW-09-85.0-041818	85	85	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-09	FMW-09-95.0-041818	95	75	--	--	--	0.00097 U	--	0.0019 U	0.0049 U	--	--	0.00097 U	--	--	0.00097 U	0.00097 U	0.00097 U	0.00097 U
FMW-10	FMW-10-5.0-041018	5	166	--	--	--	0.0010 U	--	0.0020 U	0.0051 U	--	--	0.0010 U	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U
FMW-10	FMW-10-10.0-041718	10	161	--	--	--	0.00071 U	--	0.0014 U	0.0036 U	--	--	0.00071 U	--	--	0.00071 U	0.00071 U	0.00071 U	0.00071 U
FMW-10	FMW-10-20.0-041718	20	151	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FMW-10	FMW-10-28.0-041718	28	143	--	--	--	0.00073 U	--	0.0015 U	0.0037 U	--	--	0.00073 U	--	--	0.00073 U	0.00073 U	0.00073 U	0.00073 U
FMW-10	FMW-10-40.0-041718	40	131	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-10	FMW-10-45.0-041718	45	126	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-10	FMW-10-55.0-041718	55	116	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FMW-10	FMW-10-65.0-041718	65	106	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-10	FMW-10-75.0-041718	75	96	--	--	--	0.00092 U	--	0.0018 U	0.0046 U	--	--	0.00092 U	--	--	0.00092 U	0.00092 U	0.00092 U	0.00092 U
FMW-10	FMW-10-80.0-041718	80	91	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-10	FMW-10-85.0-041718	85	86	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FMW-11	FMW-11-5.0-041018	5	175	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FMW-11	FMW-11-15.0-041818	15	165	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-11	FMW-11-25.0-041818	25	155	--	--	--	**0.016**	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-11	FMW-11-30.0-041818	30	150	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FMW-11	FMW-11-35.0-041818	35	145	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-11	FMW-11-45.0-041818	45	135	--	--	--	0.0010 U	--	0.0021 U	0.0052 U	--	--	0.0010 U	--	--	0.0010 U	0.0010 U	0.0010 U	0.0010 U
FMW-11	FMW-11-55.0-041818	55	125	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FMW-11	FMW-11-60.0-041818	60	120	--	--	--	0.00083 U	--	0.0017 U	0.0042 U	--	--	0.00083 U	--	--	0.00083 U	0.00083 U	0.00083 U	0.00083 U
FMW-11	FMW-11-70.0	70	110	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
FMW-11	FMW-11-80.0	80	100	--	--	--	0.00089 U	--	0.0018 U	0.0044 U	--	--	0.00089 U	--	--	0.00089 U	0.00089 U	0.00089 U	0.00089 U
FMW-11	FMW-11-90.0	90	90	--	--	--	0.00085 U	--	0.0017 U	0.0043 U	--	--	0.00085 U	--	--	0.00085 U	0.00085 U	0.00085 U	0.00085 U
FMW-11	FMW-11-95.0	95	85	--	--	--	0.00087 U	--	0.0017 U	0.0044 U	--	--	0.00087 U	--	--	0.00087 U	0.00087 U	0.00087 U	0.00087 U
FMW-11	FMW-11-100.0	100	80	--	--	--	0.00089 U	--	0.0018 U	0.0044 U	--	--	0.00089 U	--	--	0.00089 U	0.00089 U	0.00089 U	0.00089 U
FMW-12	FMW-12-5.0-041118	5	168	--	--	--	0.00093 U	--	0.0019 U	0.0046 U	--	--	0.00093 U	--	--	0.00093 U	0.00093 U	0.00093 U	0.00093 U
FMW-12	FMW-12-13.0-041118	13	160	--	--	--	0.00077 U	--	0.0015 U	0.0038 U	--	--	0.00077 U	--	--	**0.0013**	0.00077 U	0.00077 U	0.00077 U
FMW-12	FMW-12-20.0-041118	20	153	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-12	FMW-12-25.0-041118	25	148	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-12	FMW-12-35.0-041118	35	138	--	--	--	0.00082 U	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FMW-12	FMW-12-45.0-041118	45	128	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FMW-12	FMW-12-55.0-041118	55	118	--	--	--	0.00066 U	--	0.0013 U	0.0033 U	--	--	0.00066 U	--	--	0.00066 U	0.00066 U	0.00066 U	0.00066 U
FMW-12	FMW-12-60.0-041118	60	113	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U
FMW-12	FMW-12-75.0-041118	75	98	--	--	--	0.00075 U	--	0.0015 U	0.0037 U	--	--	0.00075 U	--	--	0.00075 U	0.00075 U	0.00075 U	0.00075 U
FMW-12	FMW-12-85.0-041118	85	88	--	--	--	0.00087 U	--	0.0017 U	0.0043 U	--	--	0.00087 U	--	--	0.00087 U	0.00087 U	0.00087 U	0.00087 U
FMW-12	FMW-12-90.0-041118	90	83	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FMW-13	FMW-13-5.0-041118	5	177	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-13	FMW-13-10.0	10	172	--	--	--	0.00073 U	--	0.0015 U	0.0037 U	--	--	0.00073 U	--	--	0.00073 U	0.00073 U	0.00073 U	0.00073 U
FMW-13	FMW-13-20.0	20	162	--	--	--	0.00089 U	--	0.0018 U	0.0045 U	--	--	0.00089 U	--	--	0.00089 U	0.00089 U	0.00089 U	0.00089 U
FMW-13	FMW-13-30.0	30	152	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-13	FMW-13-40.0	40	142	--	--	--	0.00087 U	--	0.0017 U	0.0044 U	--	--	0.00087 U	--	--	0.00087 U	0.00087 U	0.00087 U	0.00087 U
FMW-13	FMW-13-50.0	50	132	--	--	--	0.00079 U	--	0.0016 U	0.0040 U	--	--	0.00079 U	--	--	0.00079 U	0.00079 U	0.00079 U	0.00079 U
FMW-13	FMW-13-60.0	60	122	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-13	FMW-13-70.0-042018	70	112	--	--	--	0.00088 U	--	0.0044 U	0.0044 U	--	--	0.00088 U	--	--	**0.0038**	0.00088 U	0.00088 U	0.00088 U
FMW-13	FMW-13-80.0-042018	80	102	--	--	--	0.00072 U	--	0.0036 U	0.0036 U	--	--	0.00072 U	--	--	**0.0019**	0.00072 U	0.00072 U	0.00072 U
FMW-13	FMW-13-90.0-042018	90	92	--	--	--	0.00086 U	--	0.0043 U	0.0043 U	--	--	0.00086 U	--	--	**0.0039**	0.00086 U	0.00086 U	0.00086 U
FMW-14	FMW-14-2.5-052118	2.5	170.5	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	**0.013**	0.00088 U	0.00088 U	0.00088 U
FMW-14	FMW-14-5.0-052118	5	168	--	--	--	0.00079 U	--	0.0016 U	0.0039 U	--	--	0.00079 U	--	--	**0.012**	0.00079 U	0.00079 U	0.00079 U
FMW-14	FMW-14-7.5-052118	7.5	165.5	--	--	--	0.00075 U	--	0.0015 U	0.0038 U	--	--	0.00075 U	--	--	**0.00097**	0.00075 U	0.00075 U	0.00075 U
FMW-14	FMW-14-10.0-052118	10	163	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	**0.0014**	0.00076 U	0.00076 U	0.00076 U
FMW-14	FMW-14-15.0-052118	15	158	--	--	--	0.00069 U	--	0.0014 U	0.0035 U	--	--	0.00069 U	--	--	**0.0019**	0.00069 U	0.00069 U	0.00069 U
FMW-14	FMW-14-20.0-052118	20	153	--	--	--	0.00093 U	--	0.0019 U	0.0046 U	--	--	0.00093 U	--	--	**0.0020**	0.00093 U	0.00093 U	0.00093 U
FMW-14	FMW-14-25.0-052118	25	148	--	--	--	0.0012 U	--	0.0023 U	0.0058 U	--	--	0.0012 U	--	--	0.0012 U	0.0012 U	0.0012 U	0.0012 U
FMW-14	FMW-14-30.0-052118	30	143	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.00090 U	0.00090 U	0.00090 U	0.00090 U
FMW-14	FMW-14-35.0-052118	35	138	--	--	--	0.00088 U	--	0.0018 U	0.0044 U	--	--	0.00088 U	--	--	0.00088 U	0.00088 U	0.00088 U	0.00088 U
FMW-14	FMW-14-40.0-052118	40	133	--	--	--	0.00089 U	--	0.0018 U	0.0045 U	--	--	0.00089 U	--	--	0.00089 U	0.00089 U	0.00089 U	0.00089 U
FMW-15	FMW-15-7.5-052118	7.5	166.5	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-15	FMW-15-15.0-052118	15	159	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.00086 U	0.00086 U	0.00086 U	0.00086 U
FMW-15	FMW-15-20.0-052118	20	154	--	--	--	0.00074 U	--	0.0015 U	0.0037 U	--	--	0.00074 U	--	--	0.00074 U	0.00074 U	0.00074 U	0.00074 U
FMW-15	FMW-15-25.0-052118	25	149	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-15	FMW-15-35.0-052118	35	139	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.00078 U	0.00078 U	0.00078 U	0.00078 U
FMW-15	FMW-15-40.0-052118	40	134	--	--	--	0.00068 U	--	0.0014 U	0.0034 U	--	--	0.00068 U	--	--	0.00068 U	0.00068 U	0.00068 U	0.00068 U
FMW-15	FMW-15-45.0-052118	45	129	--	--	--	0.00070 U	--	0.0014 U	0.0035 U	--	--	0.00070 U	--	--	0.00070 U	0.00070 U	0.00070 U	0.00070 U
FMW-15	FMW-15-50.0-052118	50	124	--	--	--	0.00092 U	--	0.0018 U	0.0046 U	--	--	0.00092 U	--	--	0.00092 U	0.00092 U	0.00092 U	0.00092 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
FMW-16	FMW-16-2.5-052118	2.5	177.5	--	--	--	0.00087 U	--	0.0017 U	0.0044 U	--	--	0.00087 U	--	--	**0.0015**	0.00087 U	0.00087 U	0.00087 U
FMW-16	FMW-16-5.0-052218	5	175	--	--	--	0.00095 U	--	0.0019 U	0.0048 U	--	--	0.00095 U	--	--	0.00095 U	0.00095 U	0.00095 U	0.00095 U
FMW-16	FMW-16-7.5-052218	7.5	172.5	--	--	--	0.00083 U	--	0.0017 U	0.0041 U	--	--	0.00083 U	--	--	0.00083 U	0.00083 U	0.00083 U	0.00083 U
FMW-16	FMW-16-10.0-052218	10	170	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.00086 U	0.00086 U	0.00086 U	0.00086 U
FMW-16	FMW-16-15.0-052218	15	165	--	--	--	0.00072 U	--	0.0014 U	0.0036 U	--	--	0.00072 U	--	--	0.00072 U	0.00072 U	0.00072 U	0.00072 U
FMW-16	FMW-16-20.0-052218	20	160	--	--	--	0.00085 U	--	0.0017 U	0.0042 U	--	--	0.00085 U	--	--	0.00085 U	0.00085 U	0.00085 U	0.00085 U
FMW-16	FMW-16-25.0-052218	25	155	--	--	--	0.00089 U	--	0.0018 U	0.0044 U	--	--	0.00089 U	--	--	0.00089 U	0.00089 U	0.00089 U	0.00089 U
FMW-16	FMW-16-35.0-052218	35	145	--	--	--	0.00085 U	--	0.0017 U	0.0042 U	--	--	0.00085 U	--	--	0.00085 U	0.00085 U	0.00085 U	0.00085 U
FMW-16	FMW-16-40.0-052218	40	140	--	--	--	0.00084 U	--	0.0017 U	0.0042 U	--	--	0.00084 U	--	--	0.00084 U	0.00084 U	0.00084 U	0.00084 U
FMW-16	FMW-16-45.0-052218	45	135	--	--	--	0.00068 U	--	0.0014 U	0.0034 U	--	--	0.00068 U	--	--	0.00068 U	0.00068 U	0.00068 U	0.00068 U
FMW-16	FMW-16-55.0-052218	55	125	--	--	--	0.00094 U	--	0.0019 U	0.0047 U	--	--	0.00094 U	--	--	0.00094 U	0.00094 U	0.00094 U	0.00094 U
FMW-17	FMW-17-5.0-052218	5	165	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.00076 U	0.00076 U	0.00076 U	0.00076 U
FMW-17	FMW-17-10.0-052218	10	160	--	--	--	0.00083 U	--	0.0017 U	0.0041 U	--	--	0.00083 U	--	--	0.00083 U	0.00083 U	0.00083 U	0.00083 U
FMW-17	FMW-17-15.0-052218	15	155	--	--	--	0.00081 U	--	0.0016 U	0.0040 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-17	FMW-17-25.0-052218	25	145	--	--	--	0.00077 U	--	0.0015 U	0.0039 U	--	--	0.00077 U	--	--	0.00077 U	0.00077 U	0.00077 U	0.00077 U
FMW-17	FMW-17-35.0-052218	35	135	--	--	--	**0.0014**	--	0.0018 U	0.0045 U	--	--	0.00091 U	--	--	0.00091 U	0.00091 U	0.00091 U	0.00091 U
FMW-17	FMW-17-40.0-052218	40	130	--	--	--	**0.0029**	--	0.0016 U	0.0041 U	--	--	0.00081 U	--	--	0.00081 U	0.00081 U	0.00081 U	0.00081 U
FMW-17	FMW-17-45.0-052218	45	125	--	--	--	**0.0019**	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.00082 U	0.00082 U	0.00082 U	0.00082 U
FMW-18	FMW-18-5.0-052318	5	166	--	--	--	0.00076 U	--	0.0015 U	0.0038 U	--	--	0.00076 U	--	--	0.0015 U	0.00076 U	0.00076 U	0.00076 U
FMW-18	FMW-18-15.0-052318	15	156	--	--	--	0.00085 U	--	0.0017 U	0.0043 U	--	--	0.00085 U	--	--	0.0017 U	0.00085 U	0.00085 U	0.00085 U
FMW-18	FMW-18-25.0-052318	25	146	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.0017 U	0.00086 U	0.00086 U	0.00086 U
FMW-18	FMW-18-35.0-052318	35	136	--	--	--	**0.035**	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.0017 U	**0.0027**	0.00086 U	**0.0020**
FMW-18	FMW-18-40.0-052318	40	131	--	--	--	**0.067**	--	0.0016 U	0.0041 U	--	--	0.00082 U	--	--	0.0016 U	0.00082 U	0.00082 U	**0.043**
FMW-18	FMW-18-45.0-052318	45	126	--	--	--	**0.0013**	--	0.0016 U	0.0040 U	--	--	0.00081 U	--	--	0.0016 U	0.00081 U	0.00081 U	**0.0053**
FMW-18	FMW-18-50.0-052318	50	121	--	--	--	0.00085 U	--	0.0017 U	0.0043 U	--	--	0.00085 U	--	--	0.0017 U	0.00085 U	0.00085 U	0.00085 U
FMW-19/FB-4	FB-04-7.5-052318	7.5	171.5	--	--	--	0.00080 U	--	0.0016 U	0.0040 U	--	--	0.00080 U	--	--	0.0016 U	0.00080 U	0.00080 U	0.00080 U
FMW-19/FB-4	FB-04-15.0-052318	15	164	--	--	--	0.00086 U	--	0.0017 U	0.0043 U	--	--	0.00086 U	--	--	0.0017 U	0.00086 U	0.00086 U	0.00086 U
FMW-19/FB-4	FB-04-25.0-052318	25	154	--	--	--	0.00078 U	--	0.0016 U	0.0039 U	--	--	0.00078 U	--	--	0.0016 U	0.00078 U	0.00078 U	0.00078 U
FMW-19/FB-4	FB-04-30.0-052318	30	149	--	--	--	0.00085 U	--	0.0017 U	0.0043 U	--	--	0.00085 U	--	--	0.0017 U	0.00085 U	0.00085 U	0.00085 U
FMW-19/FB-4	FB-04-35.0-052318	35	144	--	--	--	0.0011 U	--	0.0022 U	0.0055 U	--	--	0.0011 U	--	--	0.0022 U	0.0011 U	0.0011 U	0.0011 U
FMW-19/FB-4	FB-04-40.0-052318	40	139	--	--	--	0.00090 U	--	0.0018 U	0.0045 U	--	--	0.00090 U	--	--	0.0018 U	0.00090 U	0.00090 U	0.00090 U
Aspect, 2019 to 2021																			
Mobilization 1 - May 2019																			
AB-01	AB-01-7.5	7.5	168.5	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	0.1 U	*0.5 U*	0.25 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.05 U	0.02 U	0.05 U
AB-01	AB-01-15.0	15	161	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-01	AB-01-25.0	25	151	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-35.0	35	141	--	--	--	0.005 U	--	--	*0.054 UJ*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-01	AB-01-50.0	50	126	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-02	AB-02-7.5	7.5	167.5	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-02	AB-02-30.0	30	145	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-02	AB-02-60.0	60	115	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-01	AMW-01-5.0	5	169	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AMW-01	AMW-01-10.0	10	164	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
AMW-01	AMW-01-25.0	25	149	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-01	AMW-01-66.0	66	108	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
Mobilization 2 - July 2019																			
AB-05	AB-05-20.0	20	154	0.05 U	**0.060**	0.05 U	0.005 U	**0.081**	0.01 U	*0.05 U*	**0.034**	**0.060**	0.005 U	**0.086**	**0.12**	0.005 U	0.005 U	0.003 U	0.005 U
AB-05	AB-05-30.0	30	144	**1.8**	**1.6**	0.05 U	0.005 U	**0.50**	0.01 U	*0.05 U*	**0.39**	**0.63**	0.005 U	**1.3**	**1.4**	0.005 U	0.005 U	0.003 U	0.005 U
AB-05	AB-05-50.0	50	124	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-06	AB-06-2.5	2.5	171.5	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-06	AB-06-40.0	40	134	**0.051**	**0.031**	0.05 U	0.005 U	**0.069**	0.01 U	*0.05 U*	0.025 U	**0.066**	**0.013**	**0.040**	**0.15**	**0.021**	0.005 U	0.003 U	0.005 U
AB-06	AB-06-55.0	55	119	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-10	AB-10-15.0	15	157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-10	AB-10-25.0	25	147	0.005 U	**0.018**	0.05 U	0.005 U	**0.029**	0.01 U	*0.05 UJ*	0.025 U	**0.012**	0.005 U	0.005 U	**0.051**	**0.020**	0.005 U	0.003 U	0.005 U
AB-10	AB-10-33.0	33	139	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	**0.0085**	0.005 U	0.005 U	0.003 U	0.005 U
AB-10	AB-10-45.0	45	127	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-10	AB-10-62.0	62	110	--	--	--	0.005 U	--	--	**0.11* J**	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-11	AB-11-7.0	7	174	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-12	AB-12-2.0	2	176	**0.0090**	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	**0.0064**	0.005 U	0.003 U	0.005 U
AB-12	AB-12-15.0	15	163	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-12	AB-12-20.0	20	158	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-13	AB-13-5.0	5	172	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-13	AB-13-40.0	40	137	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-14	AB-14-5.0	5	177	0.005 U	0.005 U	0.05 U	0.005 U	0.005 U	0.01 U	*0.05 UJ*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-14	AB-14-70.0	70	112	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-20.0	20	154	0.005 U	0.005 U	**0.055 J**	0.005 U	0.005 U	0.01 U	**0.12* J**	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-30.0	30	144	--	--	--	0.005 U	--	--	*0.05 UJ*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-42.0	42	132	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-55.0	55	119	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	**0.0092**	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-60.0	60	114	--	--	--	0.005 U	--	--	**0.11* J**	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-65.0	65	109	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AMW-02	AMW-2-70.0	70	104	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
Mobilization 3 - May 2020																			
AB-03	AB-03-5	5	165	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-03	AB-03-45	45	125	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-04	AB-04-10	10	160	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-04	AB-04-30	30	140	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-04	AB-04-60	60	110	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U	0.01 U	*0.05 U*	0.025 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-5	5	169	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-12.5	12.5	161.5	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-15	15	159	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-20	20	154	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-25	25	149	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-30	30	144	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-07	AB-07-35	35	139	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-07	AB-07-45	45	129	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
AB-07	AB-07-50	50	124	--	--	--	0.005 U	--	--	**0.078***	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-08	AB-08-2.5	2.5	169.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-08	AB-08-25	25	147	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-08	AB-08-35	35	137	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-08	AB-08-45	45	127	--	--	--	0.005 U	--	--	**0.14***	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-09	AB-09-12.5	12.5	161.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-25	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-09	AB-09-35	35	139	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-09	AB-09-40	40	134	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-16	AB-16-27.5	27.5	148.5	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-16	AB-16-35	35	141	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-17	AB-17-5	5	169	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-17	AB-17-10	10	164	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-17	AB-17-15	15	159	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-17	AB-17-25	25	149	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-17	AB-17-35	35	139	--	--	--	0.005 U	--	--	**0.053***	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-18	AB-18-5	5	169	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-18	AB-18-10	10	164	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-18	AB-18-15	15	159	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-18	AB-18-25	25	149	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-18	AB-18-35	35	139	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-19	AB-19-5	5	167	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-19	AB-19-15	15	157	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-19	AB-19-25	25	147	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-19	AB-19-35	35	137	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-19	AB-19-45	45	127	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-20	AB-20-5	5	169	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-20	AB-20-12.5	12.5	161.5	--	--	--	0.005 U	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-20	AB-20-22.5	22.5	151.5	--	--	--	**0.014**	--	--	*0.05 U*	--	--	--	--	--	**0.0055**	0.005 U	**0.0055**	0.005 U
AB-20	AB-20-25	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-20	AB-20-35	35	139	--	--	--	**0.0067**	--	--	*0.05 U*	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U
AB-20	AB-20-45	45	129	--	--	--	0.005 U	--	--	**0.25*E**	--	--	--	--	--	0.005 U	0.005 U	0.003 U	0.005 U

Table 1b. Summary of Soil Data - Select VOCs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Volatile Organic Compounds (VOCs)															
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	cis-1,2-Dichloroethene (DCE)	Isopropylbenzene	m,p-Xylenes	Methylene Chloride	n-Hexane	n-Propylbenzene	o-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**800**	**800**	**72000**	**160**	**13**	**16000**	**0.02**	**4800**	**8000**	**16000**		**8000**	**0.05**	**1600**	**0.03**	**0.67**
Mobilization 4 - April 2021																			
AB-15	AB-15-7.5	7.5	172.5	0.0184 U	0.0184 U	0.661 U	0.0184 U	0.0220 U	0.0367 U	*0.0367 U*	--	0.0220 U	0.0184 U	0.0220 U	0.0220 U	0.0294 U	0.0220 U	0.0184 U	0.0184 U
AB-15	AB-15-17	17	163	0.0286 U	0.0286 U	1.03 U	0.0286 U	0.0343 U	0.0571 U	*0.0571 U*	--	0.0343 U	0.0286 U	0.0343 U	0.0343 U	0.0457 U	0.0343 U	0.0286 U	0.0286 U
AB-15	AB-15-27.5	27.5	152.5	0.0311 U	0.0311 U	1.12 U	0.0311 U	0.0373 U	0.0622 U	*0.0622 U*	--	0.0373 U	0.0311 U	0.0373 U	0.0373 U	0.0498 U	0.0373 U	0.0311 U	0.0311 U
AB-15	AB-15-34	34	146	0.0331 U	0.0331 U	1.19 U	0.0331 U	0.0398 U	0.0663 U	*0.0663 U*	--	0.0398 U	0.0331 U	0.0398 U	0.0398 U	0.0530 U	0.0398 U	0.0331 U	0.0331 U
AB-15	AB-15-47	47	133	0.0288 U	0.0288 U	1.04 U	0.0288 U	0.0346 U	0.0577 U	*0.0577 U*	--	0.0346 U	0.0288 U	0.0346 U	0.0346 U	0.0461 U	0.0346 U	0.0288 U	0.0288 U
AB-15	AB-15-54	54	126	0.0425 U	0.0425 U	1.53 U	0.0425 U	0.0510 U	0.0850 U	*0.0340 U*	--	0.0510 U	0.0425 U	0.0510 U	0.0510 U	0.0680 U	0.0510 U	0.0189 U	0.0425 U
AB-15	AB-15-69	69	111	0.0365 U	0.0365 U	1.31 U	0.0365 U	0.0438 U	0.0730 U	*0.0730 U*	--	0.0438 U	0.0365 U	0.0438 U	0.0438 U	0.0584 U	0.0438 U	0.0365 U	0.0365 U
AB-15	AB-15-79	79	101	0.0324 U	0.0324 U	1.17 U	0.0324 U	0.0389 U	0.0648 U	*0.0648 U*	--	0.0389 U	0.0324 U	0.0389 U	0.0389 U	0.0518 U	0.0389 U	0.0324 U	0.0324 U

Notes:

Bold indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for Unrestricted Land Use.

Italics indicate a reporting limit that exceeds the MTCA Method A Cleanup Level.

All results are reported in milligrams per kilogram (mg/kg).

* = the indicated detection of methylene chloride is flagged by the laboratory as the result of laboratory contamination and is unlikely representative of actual subsurface conditions.

U = the analyte was analyzed for, but was considered not detected at the reporting limit or reported value.

UJ = the analyte was analyzed for, but was considered not detected at the estimated reporting limit.

J = the indicated concentration is considered an estimate.

-- = not analyzed

MTCA = Model Toxics Control Act

bgs = below ground surface

Table 1c. Summary of Soil Data - PAHs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Polycyclic Aromatic Hydrocarbons (PAHs)															
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**4800**		**24000**		**0.1**						**3200**	**3200**		**5**		**2400**
Golder, January 2003																			
BH-06	BH-6 S-4	17.5	155.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-07	BH-7 S-2	7.5	167.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-2	7.5	167.5	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.066**	--	--
BH-08	BH-8 S-3	12.5	162.5	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.029**	--	--
BH-08	BH-8 S-5	20	155	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.24**	--	--
BH-08	BH-8 S-6	25	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-08	BH-8 S-7	27.5	147.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BH-09	BH-9 S-3	12.5	148.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aspect, 2019 to 2021																			
Mobilization 1 - May 2019																			
AB-01	AB-01-7.5	7.5	168.5	--	--	--	--	--	--	--	--	--	--	--	--	--	0.05 U	--	--
AB-01	AB-01-15.0	15	161	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-25.0	25	151	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-35.0	35	141	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-01	AB-01-50.0	50	126	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-02	AB-02-7.5	7.5	167.5	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-02	AB-02-30.0	30	145	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-02	AB-02-60.0	60	115	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-01	AMW-01-5.0	5	169	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AMW-01	AMW-01-10.0	10	164	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AMW-01	AMW-01-25.0	25	149	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-01	AMW-01-66.0	66	108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobilization 2 - July 2019																			
AB-05	AB-05-20.0	20	154	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.093**	--	--
AB-05	AB-05-30.0	30	144	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.3**	--	--
AB-05	AB-05-50.0	50	124	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-06	AB-06-2.5	2.5	171.5	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-06	AB-06-40.0	40	134	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.056**	--	--
AB-06	AB-06-55.0	55	119	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-10	AB-10-15.0	15	157	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AB-10	AB-10-25.0	25	147	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.016**	--	--
AB-10	AB-10-33.0	33	139	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-10	AB-10-45.0	45	127	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-10	AB-10-62.0	62	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1c. Summary of Soil Data - PAHs

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Depth (feet bgs)	Elevation (feet NAVD88)	Polycyclic Aromatic Hydrocarbons (PAHs)															
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
MTCA Method A or B Cleanup Levels for Unrestricted Land Use				**4800**		**24000**		**0.1**						**3200**	**3200**		**5**		**2400**
AB-11	AB-11-7.0	7	174	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-12	AB-12-2.0	2	176	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	**0.0068**	**0.25**	**0.2**
AB-12	AB-12-15.0	15	163	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-12	AB-12-20.0	20	158	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AB-13	AB-13-5.0	5	172	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-13	AB-13-40.0	40	137	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
AB-14	AB-14-5.0	5	177	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-14	AB-14-70.0	70	112	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-20.0	20	154	--	--	--	--	--	--	--	--	--	--	--	--	--	0.005 U	--	--
AMW-02	AMW-2-30.0	30	144	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-42.0	42	132	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-55.0	55	119	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-60.0	60	114	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-65.0	65	109	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AMW-02	AMW-2-70.0	70	104	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mobilization 3 - May 2020																			
AB-03	AB-03-5	5	165	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-03	AB-03-45	45	125	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-04	AB-04-10	10	160	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-04	AB-04-30	30	140	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
AB-04	AB-04-60	60	110	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.005 U	0.01 U	0.01 U
Mobilization 4 - April 2021																			
AB-15	AB-15-7.5	7.5	172.5	0.0195 U	0.0195 U	0.0390 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	0.0195 U	0.0390 U	0.0390 U	0.0390 U	0.0195 U	0.0390 U	0.0195 U	0.0390 U	0.0390 U
AB-15	AB-15-17	17	163	--	--	--	--	--	--	--	--	--	--	--	--	--	0.114 U	--	--
AB-15	AB-15-27.5	27.5	152.5	--	--	--	--	--	--	--	--	--	--	--	--	--	0.124 U	--	--
AB-15	AB-15-34	34	146	--	--	--	--	--	--	--	--	--	--	--	--	--	0.133 U	--	--
AB-15	AB-15-47	47	133	--	--	--	--	--	--	--	--	--	--	--	--	--	0.115 U	--	--
AB-15	AB-15-54	54	126	--	--	--	--	--	--	--	--	--	--	--	--	--	0.170 U	--	--
AB-15	AB-15-69	69	111	--	--	--	--	--	--	--	--	--	--	--	--	--	0.146 U	--	--
AB-15	AB-15-79	79	101	--	--	--	--	--	--	--	--	--	--	--	--	--	0.130 U	--	--

Notes:

Bold indicates a detected concentration.

All results are reported in milligrams per kilogram (mg/kg).

U = the analyte was analyzed for, but was considered not detected at the reporting limit or reported value.

UJ = the analyte was analyzed for, but was considered not detected at the estimated reporting limit.

J = the indicated concentration is considered an estimate.

-- = not analyzed

MTCA = Model Toxics Control Act

bgs = below ground surface

Table 2a. Summary of Groundwater Data - Shallow Unit

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	MTCA Method A Cleanup Levels for Groundwater	MTCA Method B Cleanup Levels for Groundwater	AMW-02	AMW-02	AMW-03	AMW-04	FMW-05	FMW-05	FMW-05	FMW-06	FMW-06	FMW-06	FMW-14	FMW-14
Date			07/26/2019	03/26/2021	03/30/2021	03/30/2021	04/18/2018	05/23/2019	03/26/2021	04/18/2018	05/22/2019	03/29/2021	05/24/2018	05/22/2019
			20.45	17.92	40.79	37.86	--	--	14.24	--	--	28.90	--	--
Sample			AMW-2-072619	AMW-02-032621	AMW-03-033021	AMW-04-033021	MW-05-041818	FMW-05-052319	FMW-05-03262021	MW-06-041818	FMW-06-052219	FMW-06-032921	FMW-14-052418	FMW-14-052219
Field Parameters														
Temperature (deg C)			17.9	14.9	15.7	13.3	--	--	13.3	--	--	14	--	--
Specific Conductance (uS/cm)			275.1	179.5	934	364.7	--	--	634.1	--	--	464	--	--
Dissolved Oxygen (mg/L)			1.95	1.09	1.07	0.81	--	--	0.29	--	--	0.33	--	--
pH			7.66	7.39	7.31	8.14	--	--	6.88	--	--	6.74	--	--
Oxidation Reduction Potential (mV)			-39.9	21.8	121.2	86.3	--	--	-30.9	--	--	66	--	--
Turbidity (NTU)			11.2	5.01	1000+	1000+	--	--	11.3	--	--	612	--	--
Petroleum Hydrocarbons														
Gasoline-Range Organics	800 | 1000		< 100 U	< 50.0 U	< 50.0 U	< 50.0 U	**1400 J**	**930**	**1150**	< 100 U	**190**	< 50.0 U	< 100 U	< 100 U
Diesel-Range Organics	500		**110**	< 99.8 U	< 99.1 U	< 99.1 U	**4400 J**	**7100**	**5460**	< 260 U	**380**	< 99.3 U	< 260 U	< 50 U
Motor Oil-Range Organics	500		< 250 U	< 99.8 U	< 99.1 U	< 99.1 U	< 660 U	< 250 U	< 98.3 U	< 410 U	< 250 U	< 99.3 U	< 410 U	< 250 U
BTEX														
Benzene	5	0.8	< 0.35 U	< 0.440 U	**0.584**	< 0.440 U	**9.6**	**14**	**9.95 J**	< 0.20 U	**0.9**	< 0.440 U	< 0.20 U	< 0.35 U
Toluene	1000	640	< 1 U	< 0.750 U	**0.803**	< 0.750 U	< 1.0 U	< 1 U	< 0.750 U	< 1.0 U	< 1 U	< 0.750 U	< 1.0 U	< 1 U
Ethylbenzene	700	800	< 1 U	< 0.400 U	< 0.400 U	< 0.400 U	**9.6**	**52**	**39.5 J**	< 0.20 U	< 1 U	< 0.400 U	< 0.20 U	< 1 U
Total Xylenes	1000	1600	< 2 U	< 1 U	< 1 U	< 1 U	**6.22**	**8.8**	**7.65 J**	< 0.40 U	< 2 U	< 1 U	< 0.40 U	< 2 U
Total Metals														
Arsenic	5	0.058	**5.36**	--	--	--	--	**42.1**	--	--	--	--	--	--
Barium		3200	**13.5**	--	--	--	--	**34.2**	--	--	--	--	--	--
Cadmium	5	8	< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Chromium	50		< 1 U	--	--	--	--	**1.47**	--	--	--	--	--	--
Lead	15		< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Mercury	2		< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Selenium		80	< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Silver		80	< 5 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Dissolved Metals														
Arsenic	5	0.058	**5.63**	--	--	--	--	**32.7**	--	--	--	--	--	--
Barium		3200	**12.9**	--	--	--	--	**31.6**	--	--	--	--	--	--
Cadmium	5	8	< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Chromium	50		< 5 U	--	--	--	--	< 5 U	--	--	--	--	--	--
Lead	15		< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Mercury	2		< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Selenium		80	< 1 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Silver		80	< 5 U	--	--	--	--	< 1 U	--	--	--	--	--	--
Detected Volatile Organic Compounds (VOCs)														
1,2,4-Trimethylbenzene		80	< 1 U	--	--	--	--	**24**	--	--	< 1 U	--	--	< 1 U
1,3,5-Trimethylbenzene		80	< 1 U	--	--	--	--	**12**	--	--	< 1 U	--	--	< 1 U
Chloroform		1.4	< 1 U	--	--	--	**0.74**	< 1 U	--	< 0.20 U	< 1 U	--	**0.81**	**3.5**
cis-1,2-Dichloroethene (cDCE)		16	**4.7**	< 0.500 U	< 0.500 U	**3.53**	**1.7**	**2.8**	**2.33**	**0.94**	**9.2**	**1.11**	< 0.20 U	< 1 U
Isopropylbenzene		800	< 1 U	--	--	--	--	**17**	--	--	< 1 U	--	--	< 1 U
m,p-Xylenes		1600	< 2 U	< 1.00 U	< 1.00 U	< 1.00 U	**6**	**8.8**	**7.65 J**	< 0.40 U	< 2 U	< 1.00 U	< 0.40 U	< 2 U
Methylene Chloride	5	5.8	**5.2***	--	--	--	< 1.0 U	< 5 U	--	< 1.0 U	< 5 U	--	< 1.0 U	< 5 U
Naphthalene	160	160	< 1 U	--	--	--	--	**96**	--	--	**2.8**	--	--	< 1 U
o-Xylene		1600	< 1 U	< 0.500 U	< 0.500 U	< 0.500 U	**0.22**	< 1 U	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	< 0.20 U	< 1 U
p-Isopropyltoluene			< 1 U	--	--	--	--	**6.9**	--	--	< 1 U	--	--	< 1 U
sec-Butylbenzene		800	< 1 U	--	--	--	--	**5.8**	--	--	**1.8**	--	--	< 1 U
Tetrachloroethene (PCE)	5	21	**3.7**	**11.6 J**	**1.49**	< 0.400 U	< 0.20 U	< 1 U	< 0.400 U	**0.33**	**1**	< 0.400 U	**3.6**	**6.1**
trans-1,2-Dichloroethene		160	< 1 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	< 0.20 U	< 1 U
Trichloroethene (TCE)	5	0.54	< 1 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	**0.62**	< 1 U	< 0.500 U	< 0.20 U	< 1 U
Vinyl Chloride	0.2	0.029	< 0.2 U	< 0.350 U	< 0.350 U	**0.485**	**20**	**31**	**22.7**	**0.22**	**20**	**0.371**	< 0.20 U	< 0.2 U

Notes:

All groundwater analytical results are presented in ug/L unless specified otherwise.

Bold - indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for groundwater.

Red Text indicates a detected concentration that exceeds the MTCA Method B Cleanup Level for groundwater.

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting limit shown.

J = The indicated concentration is considered an estimate.

X = Sample chromatographic pattern does not match fuel standard used for quantitation.

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

* = the indicated detection of methylene chloride is flagged by the laboratory as the result of laboratory contamination and is unlikely representative of actual subsurface conditions.

Table 2a. Summary of Groundwater Data - Shallow Unit

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	MTCA Method A Cleanup Levels for Groundwater	MTCA Method B Cleanup Levels for Groundwater	FMW-14	FMW-17	FMW-17	FMW-17	FMW-18	FMW-18	FMW-18	MW-01	MW-01	MW-01	MW-01	MW-02
Date			03/26/2021	05/24/2018	05/23/2019	03/29/2021	05/24/2018	05/23/2019	03/29/2021	05/11/2011	04/06/2018	05/22/2019	03/26/2021	05/11/2011
			9.72	--	--	35.74	--	--	41.57	--	--	--	13.16	--
Sample			FMW-14-03262021	FMW-17-052418	FMW-17-052319	FMW-17-032921	FMW-18-052418	FMW-18-052319	FMW-18-032921	MW01-20110511	MW01-040618	B08/MW01-052219	B08/MW01-03262021	MW02-20110511
Field Parameters														
Temperature (deg C)			14.3	--	--	13.9	--	--	14.1	--	--	--	13.6	--
Specific Conductance (uS/cm)			344.5	--	--	459.4	--	--	881	--	--	--	422.1	--
Dissolved Oxygen (mg/L)			3.69	--	--	0.86	--	--	0.33	--	--	--	2.42	--
pH			6.34	--	--	7.09	--	--	7	--	--	--	6.41	--
Oxidation Reduction Potential (mV)			113.7	--	--	14.8	--	--	26.5	--	--	--	110.1	--
Turbidity (NTU)			10.3	--	--	121	--	--	226	--	--	--	0.75	--
Petroleum Hydrocarbons														
Gasoline-Range Organics	800 | 1000		< 50.0 U	< 100 U	< 100 U	< 50.0 U	< 100 U	< 100 U	< 50.0 U	< 100 U	< 100 U	< 100 U	< 50.0 U	< 100 U
Diesel-Range Organics	500		< 99.9 U	< 260 U	**300**	**218**	< 260 U	**340**	**297**	< 50 U	< 260 U	< 50 U	< 99.6 U	**230**
Motor Oil-Range Organics	500		< 99.9 U	< 410 U	< 250 U	< 98.4 U	< 410 U	< 250 U	< 99.1 U	< 250 U	< 410 U	< 250 U	< 99.6 U	< 250 U
BTEX														
Benzene	5	0.8	< 0.440 U	**0.78**	**0.67**	**0.71**	**3.1**	**2**	**3**	< 1 U	< 0.20 U	< 0.35 U	< 0.440 U	< 1 U
Toluene	1000	640	< 0.750 U	< 1.0 U	< 1 U	< 0.750 U	< 5.0 U	< 1 U	< 0.750 U	< 1 U	< 1.0 U	< 1 U	< 0.750 U	< 1 U
Ethylbenzene	700	800	< 0.400 U	< 0.20 U	< 1 U	< 0.400 U	< 1.0 U	< 1 U	< 0.400 U	< 1 U	< 0.20 U	< 1 U	< 0.400 U	< 1 U
Total Xylenes	1000	1600	< 1 U	< 0.40 U	< 2 U	< 1 U	< 2.0 U	< 2 U	< 1 U	< 3 U	< 0.40 U	< 2 U	< 1 U	< 3 U
Total Metals														
Arsenic	5	0.058	--	--	--	--	--	--	--	--	--	--	--	--
Barium		3200	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5	8	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	50		--	--	--	--	--	--	--	--	--	--	--	--
Lead	15		--	--	--	--	--	--	--	--	--	--	--	--
Mercury	2		--	--	--	--	--	--	--	--	--	--	--	--
Selenium		80	--	--	--	--	--	--	--	--	--	--	--	--
Silver		80	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Metals														
Arsenic	5	0.058	--	--	--	--	--	--	--	--	--	--	--	--
Barium		3200	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	5	8	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	50		--	--	--	--	--	--	--	--	--	--	--	--
Lead	15		--	--	--	--	--	--	--	--	--	--	--	--
Mercury	2		--	--	--	--	--	--	--	--	--	--	--	--
Selenium		80	--	--	--	--	--	--	--	--	--	--	--	--
Silver		80	--	--	--	--	--	--	--	--	--	--	--	--
Detected Volatile Organic Compounds (VOCs)														
1,2,4-Trimethylbenzene		80	--	--	< 1 U	--	--	< 1 U	--	--	--	< 1 U	--	--
1,3,5-Trimethylbenzene		80	--	--	< 1 U	--	--	< 1 U	--	--	--	< 1 U	--	--
Chloroform		1.4	--	< 0.20 U	< 1 U	--	< 1.0 U	< 1 U	--	--	**0.39**	**1.4**	--	--
cis-1,2-Dichloroethene (cDCE)		16	< 0.500 U	**18**	**46**	**32.4**	**190**	**450**	**516**	< 1 U	< 0.20 U	< 1 U	< 0.500 U	< 1 U
Isopropylbenzene		800	--	--	< 1 U	--	--	< 1 U	--	--	--	< 1 U	--	--
m,p-Xylenes		1600	< 1.00 U	< 0.40 U	< 2 U	< 1.00 U	< 2.0 U	< 2 U	< 1.00 U	--	< 0.40 U	< 2 U	< 1.00 U	--
Methylene Chloride	5	5.8	--	< 1.0 U	< 5 U	--	< 5.0 U	< 5 U	--	< 5 U	< 1.0 U	< 5 U	--	< 5 U
Naphthalene	160	160	--	--	< 1 U	--	--	< 1 U	--	--	--	< 1 U	--	--
o-Xylene		1600	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	< 1.0 U	< 1 U	< 0.500 U	--	< 0.20 U	< 1 U	< 0.500 U	--
p-Isopropyltoluene			--	--	< 1 U	--	--	< 1 U	--	--	--	< 1 U	--	--
sec-Butylbenzene		800	--	--	**1.7**	--	--	< 1 U	--	--	--	< 1 U	--	--
Tetrachloroethene (PCE)	5	21	**6.57 J**	**0.79**	**1.2**	**0.872**	< 1.0 U	< 1 U	< 0.400 U	**6.4**	**8.9**	**7.3**	**6.93 J**	< 1 U
trans-1,2-Dichloroethene		160	< 0.500 U	< 0.20 U	< 1 U	< 0.500 U	**1.5**	**1.3**	**3.02**	< 1 U	< 0.20 U	< 1 U	< 0.500 U	< 1 U
Trichloroethene (TCE)	5	0.54	< 0.500 U	**0.24**	< 1 U	< 0.500 U	< 1.0 U	< 1 U	< 0.500 U	< 1 U	**0.23**	< 1 U	< 0.500 U	< 1 U
Vinyl Chloride	0.2	0.029	< 0.350 U	**0.38**	**0.28**	< 0.350 U	**80**	**190**	**113**	< 0.2 U	< 0.20 U	< 0.2 U	< 0.350 U	< 0.2 U

Notes:

All groundwater analytical results are presented in ug/L.

Bold - indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for groundwater.

Red Text indicates a detected concentration that exceeds the MTCA Method B Cleanup Level for groundwater.

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting limit shown.

J = The indicated concentration is considered an estimate.

X = Sample chromatographic pattern does not match fuel standard used for quantitation.

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

* = the indicated detection of methylene chloride is flagged by the laboratory as the result of laboratory contamination and is unlikely representative of actual subsurface conditions.

Table 2a. Summary of Groundwater Data - Shallow Unit

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	MTCA Method A Cleanup Levels for Groundwater	MTCA Method B Cleanup Levels for Groundwater	MW-02	MW-02	MW-02	MW-03	MW-03	MW-03	MW-03
Date			04/06/2018	05/22/2019	03/26/2021	05/11/2011	04/06/2018	05/23/2019	03/25/2021
			--	--	12.26	--	--	--	20.03
Sample			MW02-040618	B09/MW02-052219	B09/MW02-03262021	MW03-20110511	MW03-040618	B10/MW03-052319	B10/MW03-03252021
Field Parameters									
Temperature (deg C)			--	--	13.1	--	--	--	15.1
Specific Conductance (uS/cm)			--	--	276.4	--	--	--	458.7
Dissolved Oxygen (mg/L)			--	--	5.21	--	--	--	2.72
pH			--	--	6.05	--	--	--	6.35
Oxidation Reduction Potential (mV)			--	--	93.2	--	--	--	92.2
Turbidity (NTU)			--	--	1.15	--	--	--	2.41
Petroleum Hydrocarbons									
Gasoline-Range Organics	800 | 1000		< 100 U	< 100 U	< 50.0 U	< 100 U	< 100 U	< 100 U	< 50.0 U
Diesel-Range Organics	500		< 250 U	< 50 U	< 97.3 U	< 50 U	< 260 U	< 50 U	< 99.8 U
Motor Oil-Range Organics	500		< 410 U	< 250 U	< 97.3 U	< 250 U	< 410 U	< 250 U	< 99.8 U
BTEX									
Benzene	5	0.8	< 0.20 U	< 0.35 U	< 0.440 U	< 1 U	< 0.20 U	< 0.35 U	< 0.440 U
Toluene	1000	640	< 1.0 U	< 1 U	< 0.750 U	< 1 U	< 1.0 U	< 1 U	< 0.750 U
Ethylbenzene	700	800	< 0.20 U	< 1 U	< 0.400 U	< 1 U	< 0.20 U	< 1 U	< 0.400 U
Total Xylenes	1000	1600	< 0.40 U	< 2 U	< 1 U	< 3 U	< 0.40 U	< 2 U	< 1 U
Total Metals									
Arsenic	5	0.058	--	< 1 U	--	--	--	--	--
Barium		3200	--	**11**	--	--	--	--	--
Cadmium	5	8	--	< 1 U	--	--	--	--	--
Chromium	50		--	**1.67**	--	--	--	--	--
Lead	15		--	< 1 U	--	--	--	--	--
Mercury	2		--	< 1 U	--	--	--	--	--
Selenium		80	--	**1.08**	--	--	--	--	--
Silver		80	--	< 1 U	--	--	--	--	--
Dissolved Metals									
Arsenic	5	0.058	--	< 1 U	--	--	--	--	--
Barium		3200	--	**10.7**	--	--	--	--	--
Cadmium	5	8	--	< 1 U	--	--	--	--	--
Chromium	50		--	< 5 U	--	--	--	--	--
Lead	15		--	< 1 U	--	--	--	--	--
Mercury	2		--	< 1 U	--	--	--	--	--
Selenium		80	--	**1.18**	--	--	--	--	--
Silver		80	--	< 1 U	--	--	--	--	--
Detected Volatile Organic Compounds (VOCs)									
1,2,4-Trimethylbenzene		80	--	< 1 U	--	--	--	< 1 U	--
1,3,5-Trimethylbenzene		80	--	< 1 U	--	--	--	< 1 U	--
Chloroform		1.4	**0.88**	**1.1**	--	--	< 0.20 U	< 1 U	--
cis-1,2-Dichloroethene (cDCE)		16	< 0.20 U	< 1 U	< 0.500 U	< 1 U	< 0.20 U	< 1 U	< 0.500 U
Isopropylbenzene		800	--	< 1 U	--	--	--	< 1 U	--
m,p-Xylenes		1600	< 0.40 U	< 2 U	< 1.00 U	--	< 0.40 U	< 2 U	< 1.00 U
Methylene Chloride	5	5.8	< 1.0 U	< 5 U	--	< 5 U	< 1.0 U	< 5 U	--
Naphthalene	160	160	--	< 1 U	--	--	--	< 1 U	--
o-Xylene		1600	< 0.20 U	< 1 U	< 0.500 U	--	< 0.20 U	< 1 U	< 0.500 U
p-Isopropyltoluene			--	< 1 U	--	--	--	< 1 U	--
sec-Butylbenzene		800	--	< 1 U	--	--	--	< 1 U	--
Tetrachloroethene (PCE)	5	21	**1.5**	< 1 U	**0.807 J**	< 1 U	< 0.20 U	< 1 U	< 0.400 U
trans-1,2-Dichloroethene		160	< 0.20 U	< 1 U	< 0.500 U	< 1 U	< 0.20 U	< 1 U	< 0.500 U
Trichloroethene (TCE)	5	0.54	< 0.20 U	< 1 U	< 0.500 U	< 1 U	< 0.20 U	< 1 U	< 0.500 U
Vinyl Chloride	0.2	0.029	< 0.20 U	< 0.2 U	< 0.350 U	< 0.2 U	< 0.20 U	< 0.2 U	< 0.350 U

Notes:

All groundwater analytical results are presented in ug/L.

Bold - indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for groundwater.

Red Text indicates a detected concentration that exceeds the MTCA Method B Cleanup Level for groundwater.

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting limit shown.

J = The indicated concentration is considered an estimate.

X = Sample chromatographic pattern does not match fuel standard used for quantitation.

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

* = the indicated detection of methylene chloride is flagged by the laboratory as the result of laboratory contamination and is unlikely representative of actual subsurface conditions.

Table 2b. Summary of Groundwater Data - Deep Unit

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	MTCA Method A Cleanup Levels for Groundwater	MTCA Method B Cleanup Levels for Groundwater	FMW-07	FMW-08	FMW-09	FMW-09	FMW-11	FMW-11	FMW-11	FMW-12	FMW-13	FMW-13	FMW-13
Date			04/20/2018	04/18/2018	04/20/2018	05/23/2019	04/20/2018	05/22/2019	03/29/2021	04/18/2018	04/20/2018	05/23/2019	03/29/2021
			--	--	--	--	--	--	83.49	--	--	--	81.14
Sample			FMW-07-042018	MW-08-041818	FMW-09-042018	FMW-09-052319	FMW-11-042018	FMW-11-052219	FMW-11-032921	MW-12-041818	FMW-13-042018	FMW-13-052319	FMW-13-032921
Field Parameters													
Temperature (deg C)			--	--	--	--	--	--	**14.8**	--	--	--	**14.5**
Specific Conductance (uS/cm)			--	--	--	--	--	--	**355.4**	--	--	--	**365.2**
Dissolved Oxygen (mg/L)			--	--	--	--	--	--	**4.85**	--	--	--	**0.75**
pH			--	--	--	--	--	--	**7.15**	--	--	--	**6.79**
Oxidation Reduction Potential (mV)			--	--	--	--	--	--	**22.0**	--	--	--	**27.7**
Turbidity (NTU)			--	--	--	--	--	--	**1000+**	--	--	--	**1000+**
Petroleum Hydrocarbons													
Gasoline-Range Organics	800 | 1000		< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 50.0 U	< 100 U	< 100 U	< 100 U	< 50.0 U
Diesel-Range Organics	500		< 240 U	< 260 U	**700 J**	**80 X**	< 260 U	< 50 U	< 98.9 U	< 260 U	< 270 U	< 50 U	< 99.2 U
Motor Oil-Range Organics	500		< 390 U	< 410 U	< 460 U	< 250 U	< 410 U	< 250 U	< 98.9 U	< 420 U	< 440 U	< 250 U	< 99.2 U
BTEX													
Benzene	5	0.8	< 1.0 U	< 0.20 U	< 1.0 U	< 0.35 U	< 1.0 U	< 0.35 U	< 0.440 U	**0.3**	< 1.0 U	< 0.35 U	< 0.440 U
Toluene	1000	640	< 1.0 U	< 1.0 U	**1.5**	< 1 U	< 1.0 U	< 1 U	< 0.750 U	< 1.0 U	< 1.0 U	< 1 U	< 0.750 U
Ethylbenzene	700	800	< 1.0 U	< 0.20 U	< 1.0 U	< 1 U	< 1.0 U	< 1 U	< 0.400 U	< 0.20 U	< 1.0 U	< 1 U	< 0.400 U
Total Xylenes	1000	1600	< 1.0 U	< 0.40 U	< 1.0 U	< 2 U	< 1.0 U	< 2 U	< 1 U	< 0.40 U	< 1.0 U	< 2 U	< 1 U
Total Metals													
Arsenic	5	0.058	--	--	--	**20.7**	--	--	--	--	--	**48**	--
Barium		3200	--	--	--	**79.3**	--	--	--	--	--	**57.3**	--
Cadmium	5	8	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Chromium	50		--	--	--	**35.6**	--	--	--	--	--	**17.2**	--
Lead	15		--	--	--	**4.43**	--	--	--	--	--	**2.22**	--
Mercury	2		--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Selenium		80	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Silver		80	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Dissolved Metals													
Arsenic	5	0.058	--	--	--	**3.93**	--	--	--	--	--	**5.79**	--
Barium		3200	--	--	--	**11.3**	--	--	--	--	--	**15.7**	--
Cadmium	5	8	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Chromium	50		--	--	--	< 5 U	--	--	--	--	--	< 5 U	--
Lead	15		--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Mercury	2		--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Selenium		80	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Silver		80	--	--	--	< 1 U	--	--	--	--	--	< 1 U	--
Detected Volatile Organic Compounds (VOCs)													
Chloroform		1.4	**0.33**	< 0.20 U	< 0.20 U	< 1 U	**0.82**	< 1 U	--	**0.52**	< 0.20 U	< 1 U	--
cis-1,2-Dichloroethene (cDCE)		16	**0.74**	< 0.20 U	**0.57**	< 1 U	< 0.20 U	< 1 U	< 0.500 U	< 0.20 U	< 0.20 U	< 1 U	< 0.500 U

Notes:

All groundwater analytical results are presented in ug/L.

Bold - indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for groundwater.

Red Text indicates a detected concentration that exceeds the MTCA Method B Cleanup Level for groundwater.

U = The analyte was analyzed for, but was not detected at or above the laborartory reporting limit shown.

J = The indicated concentration is considered an estimate.

X = Sample chromatographic pattern does not match fuel standard used for quantitation.

MTCA = Model Toxics Control Act

bgs = below ground surface

ug/L = micrograms per liter

Table 2c. Summary of Groundwater Data - Grab Samples

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	MTCA Method A Cleanup Levels for Groundwater	B02	B02	B03	B04	B04	FB-06	FB-08
Date Sampled		01/22/2003	03/28/2011	01/23/2003	01/22/2003	03/28/2011	05/25/2018	05/23/2018
Sample ID		B2-GW1	20110328-B02	B3-GW1	B4-GW1	20110328-B04	FB-06-GW-052518	FB-08-GW-052318
Consultant		Golder	SoundEarth	Golder	Golder	SoundEarth	Farallon	Farallon
Exploration Type		Boring	Boring	Boring	Boring	Boring	Boring	Boring
Petroleum Hydrocarbons (ug/L)								
Gasoline-Range Organics	800 | 1000	100 U	**1,400**	100 U	110 U	200 U	100 U	100 U
Diesel-Range Organics	500	250 U	**79,000**	250 U	270 U	**1,100 X**	260 U	280 U
Motor Oil-Range Organics	500	400 U	**1,500 X**	**1,700**	440 U	**550 X**	410 U	440 U
BTEX (ug/L)								
Benzene	5	0.2 U	**8.8**	--	--	**1.4**	0.20 U	0.20 U
Toluene	1000	0.2 U	1 U	--	--	1 U	1.0 U	1.0 U
Ethylbenzene	700	0.2 U	**32**	--	--	1 U	0.20 U	0.20 U
Total Xylenes	1000	0.4 U	**6.2**	--	--	3 U	0.40 U	0.40 U
Total Metals (ug/L)								
Arsenic	5	--	--	--	--	--	--	--
Barium		--	--	--	--	--	--	--
Cadmium	5	--	--	--	--	--	--	--
Chromium	50	--	--	--	--	--	--	--
Lead	15	--	--	--	--	--	--	--
Mercury	2	--	--	--	--	--	--	--
Selenium		--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--
Dissovled Metals (ug/L)								
Arsenic	5	--	--	--	--	--	--	--
Barium		--	--	--	--	--	--	--
Cadmium	5	--	--	--	--	--	--	--
Chromium	50	--	--	--	--	--	--	--
Lead	15	--	--	--	--	--	--	--
Mercury	2	--	--	--	--	--	--	--
Selenium		--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--
Volatile Organic Compounds (VOCs) (ug/L)								
1,2,4-Trimethylbenzene		--	--	--	--	--	--	--
1,3,5-Trimethylbenzene		--	--	--	--	--	--	--
Chloroform		--	--	--	--	--	0.20 U	**0.49**
cis-1,2-Dichloroethene (DCE)		**0.2**	**34**	--	--	**100**	**6.1**	0.20 U
Isopropylbenzene		--	--	--	--	--	--	--
m,p-Xylenes		0.4 U	--	--	--	--	0.40 U	0.40 U
Naphthalene	160	--	--	--	--	--	--	--
n-Hexane		--	--	--	--	--	--	--
n-Propylbenzene		--	--	--	--	--	--	--
o-Xylene		0.2 U	--	--	--	--	0.20 U	0.20 U
p-Isopropyltoluene		--	--	--	--	--	--	--
sec-Butylbenzene		--	--	--	--	--	--	--
Tetrachloroethene (PCE)	5	**330**	1 U	--	--	**1.3**	**0.35**	0.20 U
trans-1,2-Dichloroethene		0.2 U	**1.9**	--	--	**1.7**	0.20 U	0.20 U
Trichloroethene (TCE)	5	**1.4**	**4.7**	--	--	**3.3**	**0.9**	0.20 U
Vinyl Chloride	0.2	0.2 U	**45**	--	--	**34**	**0.91**	0.20 U

Notes:

Bold - Indicates a detected concentration.

Blue Shading indicates a detected concentration that exceeds the MTCA Method A Cleanup Level for groundwater.

U = the analyte was analyzed for, but was considered not detected at the reporting limit or reported value.

J -The indicated concentration is considered an estimate.

X - Sample chromatographic pattern does not match fuel standard used for quantitation.

MTCA = Model Toxics Control Act

BTEX = benzene, toluene, ethylbenzene, total xylenes

VOCs =volatile organic compounds

bgs = below ground surface

ug/L = micrograms per liter

-- = not analyzed

Table 3. Summary of Soil Gas Data

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Sample ID	Type[1]	Chlorinated Volatile Organic Compounds (CVOCs)										
			1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane (EDC)	Chloroethane	cis-1,2-Dichloroethene (cDCE)	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
MTCA Method B Screening Level for Subslab Soil Gas			**76000**	**3**	**52**	**3000**	**3.2**	**150000**		**320**		**12**	**9.4**
SG-01	SG-01-051820	Subslab	4.3 U	0.85 U	3.2 U	3.1 U	0.32 U	21 U	3.1 U	53 U	3.1 U	2.1 U	2.0 U
SG-02	SG-02-051820	Subslab	4.4 U	0.88 U	3.3 U	3.2 U	0.33 U	21 U	3.2 U	55 U	3.2 U	2.2 U	2.1 U
MTCA Method B Screening Level for Deep Soil Gas			**230000**	**9.1**	**160**	**9100**	**9.6**	**460000**		**960**		**37**	**28**
FMW-09	FMW- 09-051820	Deep	4.5 U	0.89 U	3.3 U	3.3 U	0.33 U	22 U	3.3 U	56 U	3.3 U	2.2 U	2.1 U
FMW-10	FMW- 10-051820	Deep	4.6 U	0.92 U	3.4 U	3.3 U	0.34 U	22 U	3.3 U	57 U	3.3 U	2.3 U	2.1 U

Notes

All results are reported in micrograms per cubic meter (ug/m3)

U - Analyte not detected at or above Reporting Limit (RL) shown

1 - Soil gas samples were obtained from temporary sampling ports installed in existing building floor slabs (subslab) or from existing monitoring wells with unsubmerged screens (deep). Refer to Table 4 for well construction details.

Table 4. Well Construction and Groundwater Levels

FINAL

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Installation Consultant	Top of Casing Elevation (feet NAVD88)[1]	Screened Interval (feet)[2]	Monitoring Date	Depth to Water (feet)[3]	Water Level Elevation (feet NAVD88)[1]
Shallow Groundwater Monitoring Wells						
AMW-01	Aspect, 2019	174.04	35 - 45	3/25/2021	43.72	130.32
				11/10/2020	44.52	129.52
				8/19/2020	44.49	129.55
				5/18/2020	44.51	129.53
				7/26/2019	44.36	129.68
				5/22/2019	44.47	129.57
AMW-02	Aspect, 2019	173.99	29 - 44	3/25/2021	--	--
				11/10/2020	22.19	151.80
				8/19/2020	19.81	154.18
				5/18/2020	--	--
				7/26/2019	20.45	153.54
AMW-03[4]	Aspect, 2021	--	25 - 45	3/30/2021	40.49	--
AMW-04[4]	Aspect, 2021	--	30 - 50	3/30/2021	37.86	--
B08/MW01	SoundEarth, 2011	172.00	25 - 40	3/25/2021	13.15	158.85
				11/10/2020	16.53	155.47
				8/19/2020	14.9	157.1
				5/18/2020	13.61	158.39
				7/26/2019	15.77	156.23
				5/22/2019	13.93	158.07
				6/5/2018	--	--
				4/30/2018	13.34	158.66
				5/11/2011	12.5	159.50
B09/MW02	SoundEarth, 2011	170.40	10 - 35	3/25/2021	12.03	158.37
				11/10/2020	18.5	151.9
				8/19/2020	15.42	154.98
				5/18/2020	13.15	157.25
				7/26/2019	16.25	154.15
				5/22/2019	12.44	157.96
				6/5/2018	12.92	157.48
				4/30/2018	11.89	158.51
				5/11/2011	--	--
B10/MW03	SoundEarth, 2011	168.80	19 - 39	3/25/2021	20.92	147.88
				11/10/2020	21.75	147.05
				8/19/2020	20.76	148.04
				5/18/2020	20.39	148.41
				7/26/2019	20.84	147.96
				5/22/2019	20.24	148.56
				6/5/2018	20.11	148.69
				4/30/2018	20.9	147.9
				5/11/2011	19.2	149.6
FMW-04	Farallon, 2018	174.61	30 - 40	3/25/2021	39.45	135.16
				11/10/2020	39.46	135.15
				8/19/2020	39.48	135.13
				5/18/2020	39.48	135.13
				7/26/2019	39.44	135.17
				5/22/2019	39.47	135.14
				6/5/2018	39.48	135.13
				4/30/2018	39.51	135.1
FMW-05	Farallon, 2018	175.00	9 - 19	3/25/2021	13.94	161.06
				11/10/2020	18.94	156.06
				8/19/2020	18.94	156.06
				5/18/2020	15.15	159.85
				7/26/2019	14.84	160.16
				5/22/2019	14.17	160.83
				6/5/2018	15.71	159.29
				4/18/2018	13.6	161.40
FMW-06	Farallon, 2018	170.93	13 - 38	3/25/2021	29.56	141.37
				11/10/2020	34.24	136.69
				8/19/2020	--	--
				5/18/2020	30.03	140.9
				7/26/2019	30.52	140.41
				5/22/2019	30.84	140.09
				6/5/2018	27.9	143.03
				4/30/2018	26.61	144.32
FMW-14	Farallon, 2018	172.83	15 - 35	3/25/2021	9.74	163.09
				11/10/2020	12.93	159.9
				8/19/2020	11.68	161.15
				5/18/2020	11.39	161.44
				7/26/2019	13.06	159.77
				5/22/2019	11.58	161.25
				6/5/2018	9.43	163.4
				5/24/2018	9.7	163.13
FMW-15	Farallon, 2018	173.90	30 - 50	3/25/2021	Dry	Dry
				11/10/2020	Dry	Dry
				8/19/2020	Dry	Dry
				5/18/2020	Dry	Dry
				7/26/2019	Dry	Dry
				5/22/2019	Dry	Dry
				6/5/2018	49.41	124.49
				5/23/2018	Dry	Dry

Table 4. Well Construction and Groundwater Levels

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Installation Consultant	Top of Casing Elevation (feet NAVD88)[1]	Screened Interval (feet)[2]	Monitoring Date	Depth to Water (feet)[3]	Water Level Elevation (feet NAVD88)[1]
FMW-16	Farallon, 2018	179.06	25 - 45	3/25/2021	Dry	Dry
				11/10/2020	Dry	Dry
				8/19/2020	Dry	Dry
				5/18/2020	Dry	Dry
				7/26/2019	Dry	Dry
				5/22/2019	Dry	Dry
				6/5/2018	Dry	Dry
				5/23/2018	Dry	Dry
FMW-17	Farallon, 2018	169.67	30 - 40	3/25/2021	35.86	133.81
				11/10/2020	39.68	129.99
				8/19/2020	36.83	132.84
				5/18/2020	35.69	133.98
				7/26/2019	36.04	133.63
				5/22/2019	37.09	132.58
				6/5/2018	34.42	135.25
				5/24/2018	34.21	135.46
FMW-18	Farallon, 2018	170.68	30 - 50	3/25/2021	41.70	128.98
				11/10/2020	43.70	126.98
				8/19/2020	42.34	128.34
				5/18/2020	41.25	129.43
				7/26/2019	40.96	129.72
				5/22/2019	41.70	128.98
				6/5/2018	40.25	130.43
				5/24/2018	39.55	131.13
FMW-19/FB-04	Farallon, 2018	178.08	25 - 45	3/25/2021	Dry	Dry
				11/10/2020	Dry	Dry
				8/19/2020	Dry	Dry
				5/18/2020	Dry	Dry
				7/26/2019	Dry	Dry
				6/5/2018	Dry	Dry
Deep Groundwater Monitoring Wells						
FMW-07	Farallon, 2018	170.65	80 - 90	3/25/2021	89.93	80.72
				11/10/2020	89.91	80.74
				8/19/2020	89.85	80.8
				5/18/2020	89.81	80.84
				7/26/2019	90.28	80.37
				5/22/2019	89.74	80.91
				6/5/2018	87.27	83.38
				4/30/2018	87.23	83.42
FMW-08	Farallon, 2018	169.90	76 - 86	3/25/2021	Dry	Dry
				11/10/2020	Dry	Dry
				8/19/2020	Dry	Dry
				5/18/2020	Dry	Dry
				7/26/2019	87.55	82.35
				5/22/2019	87.33	82.57
				6/5/2018	85.13	84.77
				4/30/2018	85.22	84.68
FMW-09	Farallon, 2018	168.77	75 - 90	3/25/2021	88.11	80.66
				11/10/2020	87.77	81.00
				8/19/2020	87.61	81.16
				5/18/2020	87.59	81.18
				7/26/2019	86.86	81.91
				5/22/2019	86.79	81.98
				6/5/2018	84.71	84.06
				4/30/2018	84.72	84.05
FMW-10	Farallon, 2018	169.58	70 - 85	3/25/2021	Dry	Dry
				11/10/2020	Dry	Dry
				8/19/2020	Dry	Dry
				5/18/2020	Dry	Dry
				7/26/2019	Dry	Dry
				5/22/2019	Dry	Dry
				6/5/2018	83.99	85.59
				4/30/2018	83.86	85.72
FMW-11	Farallon, 2018	179.50	83 - 93	3/25/2021	83.52	95.98
				11/10/2020	84.29	95.21
				8/19/2020	83.47	96.03
				5/18/2020	83.71	95.79
				7/26/2019	85.81	93.69
				5/22/2019	84.98	94.52
				6/5/2018	83.86	95.64
				4/30/2018	83.84	95.66

Table 4. Well Construction and Groundwater Levels

Project No. 180587, The Eight Redevelopment, Bellevue, Washington

Location	Installation Consultant	Top of Casing Elevation (feet NAVD88)[1]	Screened Interval (feet)[2]	Monitoring Date	Depth to Water (feet)[3]	Water Level Elevation (feet NAVD88)[1]
FMW-12	Farallon, 2018	171.83	80 - 90	3/25/2021	89.78	82.05
				11/10/2020	89.73	82.10
				8/19/2020	89.21	82.62
				5/18/2020	89.92	81.91
				7/26/2019	88.96	82.87
				5/22/2019	88.69	83.14
				6/5/2018	86.2	85.63
				4/30/2018	86.36	85.47
FMW-13	Farallon, 2018	181.28	77 - 87	3/25/2021	81.05	100.23
				11/10/2020	81.17	100.11
				8/19/2020	80.78	100.50
				5/18/2020	81.09	100.19
				7/26/2019	81.39	99.89
				5/22/2019	82.82	98.46
				6/5/2018	81.64	99.64
				4/30/2018	81.62	99.66

Notes:

1 North American Vertical Datum of 1988. 2018 wells survey by TRIAD ASSOCIATES dated May 1, 2018; MW-01 and MFW-05 estimated from survey by TRIAD ASSOCIATES dated January 15, 2013; 2020 wells surveyed relative to 2018 surveyed wells.

2 In feet below ground surface.

3 In feet below top of well casing.

4 AMW-03 and AMW-04 were not surveyed, and groundwater elevations were not calculated.

-- Inaccessible on date of measurement

Table 5. Disproportionate Cost Analysis

Project No. 180587, Skanska, The Eight Redevelopment, Bellevue, Washington

			Alternative 2	Alternative 3
	Remedial Alternative Components[2]:		**Remedial Excavation of Contaminated Soils Within the Redevelopment Footprint. ECs to Remediate Shallow Contaminated Groundwater Within the Property.**	**Remedial Excavation of Contaminated Soils Within the Redevelopment Footprint. ECs to Remediate Shallow Contaminated Groundwater Within the Property. ICs to Prevent Exposure to Groundwater Outside of the Development Footprint.**
Criteria to Evaluate Use of Permanent Solutions to the Maximum Extent Practicable	**Weighting Factor[3]**			
	Overall Protectiveness	30%	**8** Increased protectiveness relative to Alt. 1 because risk of direct contact exposure to contaminated soils is eliminated (removal vs. reliance on capping and ICs). Protectiveness with respect to groundwater also increases because soils with leachable COPCs are removed. Shallow groundwater encountered during excavation is treated and discharged to City POTW.	**7** Lowered protectiveness to Alt. 2 because relies on long-term compliance with ICs to prevent exposure to contaminated groundwater that has migrated off the property.
	Permanence	20%	**9** Increased permanence relative to Alt. 1 because all soils exceeding cleanup levels are removed from the development footprint. However, alternative does not consider potential for off-site migration of shallow contaminated groundwater adjacent to the Property and development footprint.	**8** Same remedial excavation as Alt. 2, however lowered permanence rating because off-site migration of contaminated shallow groundwater will be managed through MNA. Relies on long-term compliance with ICs to prevent exposure and recharge of impacted shallow groundwater.
	Long-Term Effectiveness	20%	**9** Increased long-term effectiveness relative to Alt. 1 because contaminated soils are removed from the RAU rather than managed in place.	**4** Lowered long-term effectiveness relative to Alt. 2 because relies on long-term compliance with ICs.
	Short-Term Risk Management	10%	**4** Greater short-term risks compared to Alt. 1 as this alternative includes excavation of impacted soils. Major earthwork construction project would create significant issues with respect to worker safety, dust and erosion control, etc.	**4** Same as Alt. 2. Limited to no additional risk from off-site contaminated groundwater in the short-term.
	Implementability	10%	**8** Significantly greater implementability than Alt. 1 as excavation of the contaminated soils will support proposed development of the Property consistent with the RAOs for the project. Removal of impacted media likely to result in an NFA with no ICs required to control long-term exposure.	**7** Lowered long-term implementability relative to Alt. 2 because relies on long-term compliance with ICs.
	Consideration of Public Concerns	10%	**8**	**7**
	MTCA Benefits Ranking[4]		**8.0**	**6.3**
	Estimated Cost[5]		**$6,162,207**	**$6,469,637**
	Benefit/Cost Ratio[6]		**1.30**	**0.97**

Notes:

1) A scale of 1 to 10 is used to rate the alternatives with respect to the criteria, where "1" indicates the criterion is satisfied to a very low degree, and "10" to a very high degree. Rating values are shown in **RED**.

2) All alternatives listed in this table also include removal of soil with contaminants at concentrations less than the MTCA Method A cleanup level within the redevelopment footprint.

3) The weighting factors are based on Ecology input provided for feasibility studies conducted on other Port of Bellingham sites.

4) The MTCA benefits ranking is obtained by multiplying the rating for each criterion by its weighting factor and summing the results for the five criteria.

5) Net present value costs are estimated in 2021 dollars and were calculated using a discount factor of 0.7 percent.

6) The benefit/cost ratio is obtained by dividing the alternative's MTCA benefits ranking by its estimated cost (in $million).

DCA = disproportionate cost analysis
IC = institutional control
MNA = monitored natural attenuation
MTCA = Model Toxics Control Act
RAU = Remedial Action Unit
TPH = total petroleum hydrocarbon

Table 6. Cost Estimates for Remedial Alternatives 2 and 3

Project No. 180587, Skanska, The Eight Redevelopment, Bellevue, Washington

Description	Units	Unit Cost	Alternative 2		Alternative 3	
			Quantity	Extended	Quantity	Extended
Direct Construction Costs						
Contractor Bid and Mobilization/Demobilization[1]	LS	$ 1.00	188,705	$ 188,705	188,939	$ 188,939
Surveying and Utility Locates	LS	$ 1.00	26,000	$ 26,000	26,000	$ 26,000
Site Clearing and Grubbing	SF	$ 0.13	46,998	$ 6,110	46,998	$ 6,110
Fencing and Site Security	LF	$ 4.80	1,190	$ 5,712	1,190	$ 5,712
Traffic Control and Right-of-Way Permit	LS	$ 1.00	10,000	$ 10,000	10,000	$ 10,000
Temporary Electricity and Overhead Utilities	LS	$ 1.00	15,000	$ 15,000	15,000	$ 15,000
Existing Well Decommissioning[2]	well	$ 550.00	17	$ 9,350	17	$ 9,350
Excavation Shoring[3]	SF	$ 120.00	0	$ -	0	$ -
Remedial Excavation	ton	$ 6.30	50,304	$ 316,915	50,304	$ 316,915
Asphalt and Concrete Debris Disposal	ton	$ 11.00	1,234	$ 13,571	1,234	$ 13,571
Site Debris Disposal	ton	$ 52.24	60	$ 3,134	60	$ 3,134
Erosion and Sediment Control	Acre	$ 900.00	1.1	$ 971	1.1	$ 971
Construction Stormwater Treatment System	EA	$ 50,000.00	1	$ 50,000	1	$ 50,000
Construction Dewatering Treatment System	EA	$ 50,000.00	1	$ 50,000	1	$ 50,000
Truck Loading and Off-Site Disposal - Impacted Soil	ton	$ 30.00	13,829	$ 414,870	13,829	$ 414,870
Truck Loading and Off-Site Disposal - Contaminated Soil	ton	$ 67.00	18,708	$ 1,253,436	18,708	$ 1,253,436
Truck Loading and Off-Site Disposal - Contained in Soil	ton	$ 90.00	17,767	$ 1,599,030	17,767	$ 1,599,030
Water Management and Disposal - Non-Regulated	gallon	$ 1.17	0	$ -	4,000	$ 4,680
Water Management and Disposal - Regulated	gallon	$ 2.91	0	$ -	0	$ -
Construction Subtotal				$ 3,962,804		$ 3,967,718
Construction Contingency		$ 0.20		$ 792,561		$ 793,544
Construction Management		$ 0.15		$ 594,421		$ 595,158
Sales Tax		$ 0.10		$ 400,243		$ 400,740
Construction TOTAL				**$ 5,750,029**		**$ 5,757,159**
Engineering Controls						
Construction Oversight, Soil Sampling and Reporting	LS	$ 295,233.00	1	$ 295,233	1	$ 295,233
Permitting and Bidding Support	LS	$ 73,460.00	1	$ 73,460	1	$ 73,460
Cleanup Action Completion Reporting	LS	$ 43,485.00	1	$ 43,485	1	$ 43,485
Engineering Controls TOTAL				**$ 412,178**		**$ 412,178**
Intuitional Controls						
Restrictive Covenant - Soil	EA	$ 45,000.00	0	$ -	0	$ -
Restrictive Covenant - Groundwater	EA	$ 45,000.00	0	$ -	1	$ 45,000
Monitoring Well Installation	well	$ 12,500.00	0	$ -	5	$ 62,500
Compliance Groundwater Monitoring[4]	quarter	$ 14,100.00	0	$ -	8	$ 112,800
Compliance Groundwater Reporting and Pursuit of Site Clos	quarter	$ 10,000.00	0	$ -	8	$ 80,000
Intuitional Controls TOTAL				**$ -**		**$ 300,300**
Alternative TOTAL				**$ 6,162,207**		**$ 6,469,637**

Notes:

[1] 5% of total site work

[2] Assumed 100' wells, includes mob and demob., based on recent Cascade quote

[3] Costs for shoring are considered "construction" costs to build the underground parking garage and are not included in this cost estimate.

[4] 17 existing wells, 4 days to monitor, standard turn lab time

FIGURES

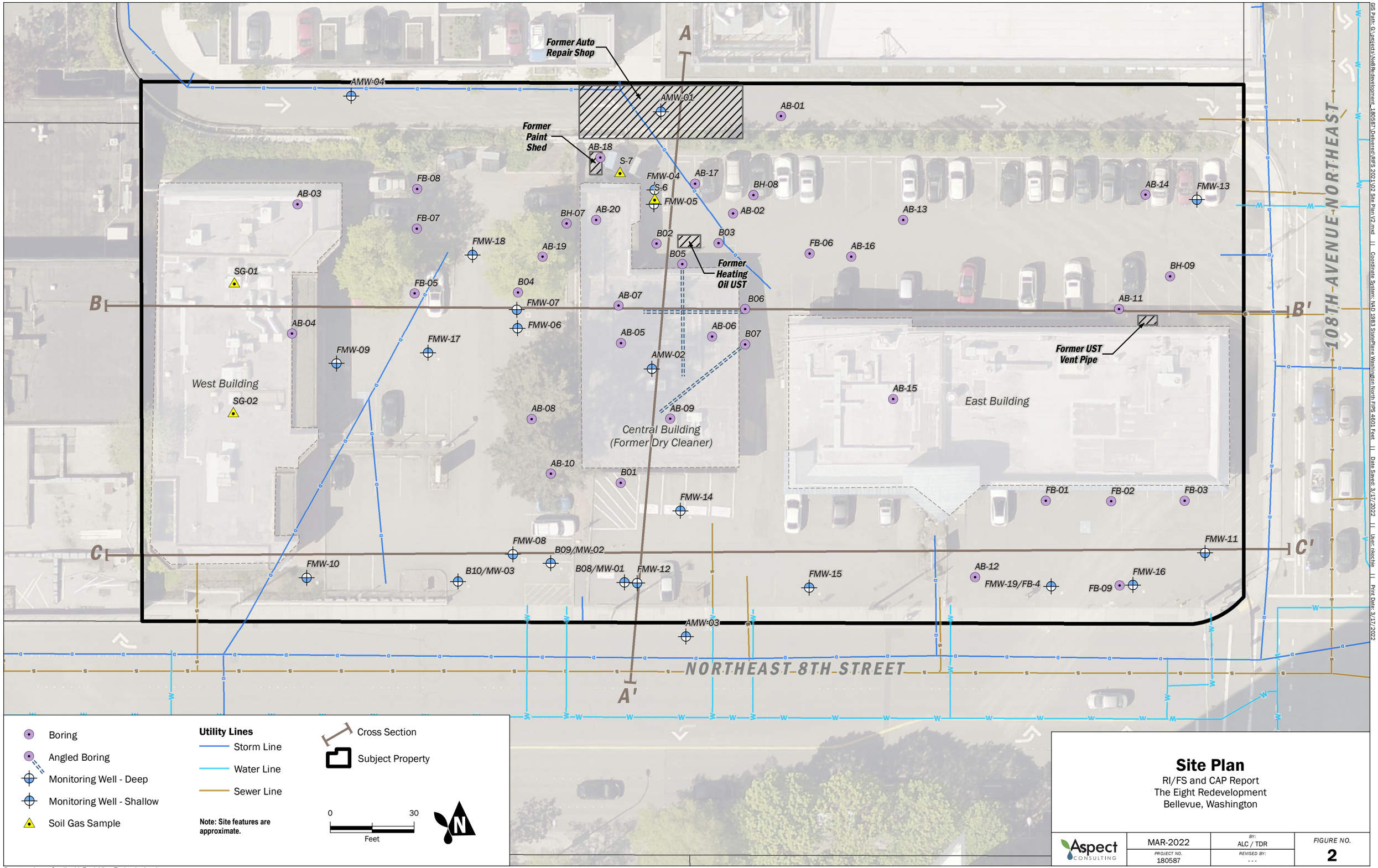
Site Location Map

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect CONSULTING	MAR-2022	BY: ALC / TDR	FIGURE NO. 1
	PROJECT NO. 180587	REVISED BY: ---	

Basemap Layer Credits || Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

GIS Path: G:\projects\Ne8Redevelopment_180587\Delivered\RIFS 2021\01 Site Location Map.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 3/16/2022 || User: nkoche || Print Date: 3/17/2022



Boring
Angled Boring
Monitoring Well - Deep
Monitoring Well - Shallow
Soil Gas Sample

Utility Lines
Storm Line
Water Line
Sewer Line

Note: Site features are approximate.

Cross Section
Subject Property

0 30
Feet

Site Plan

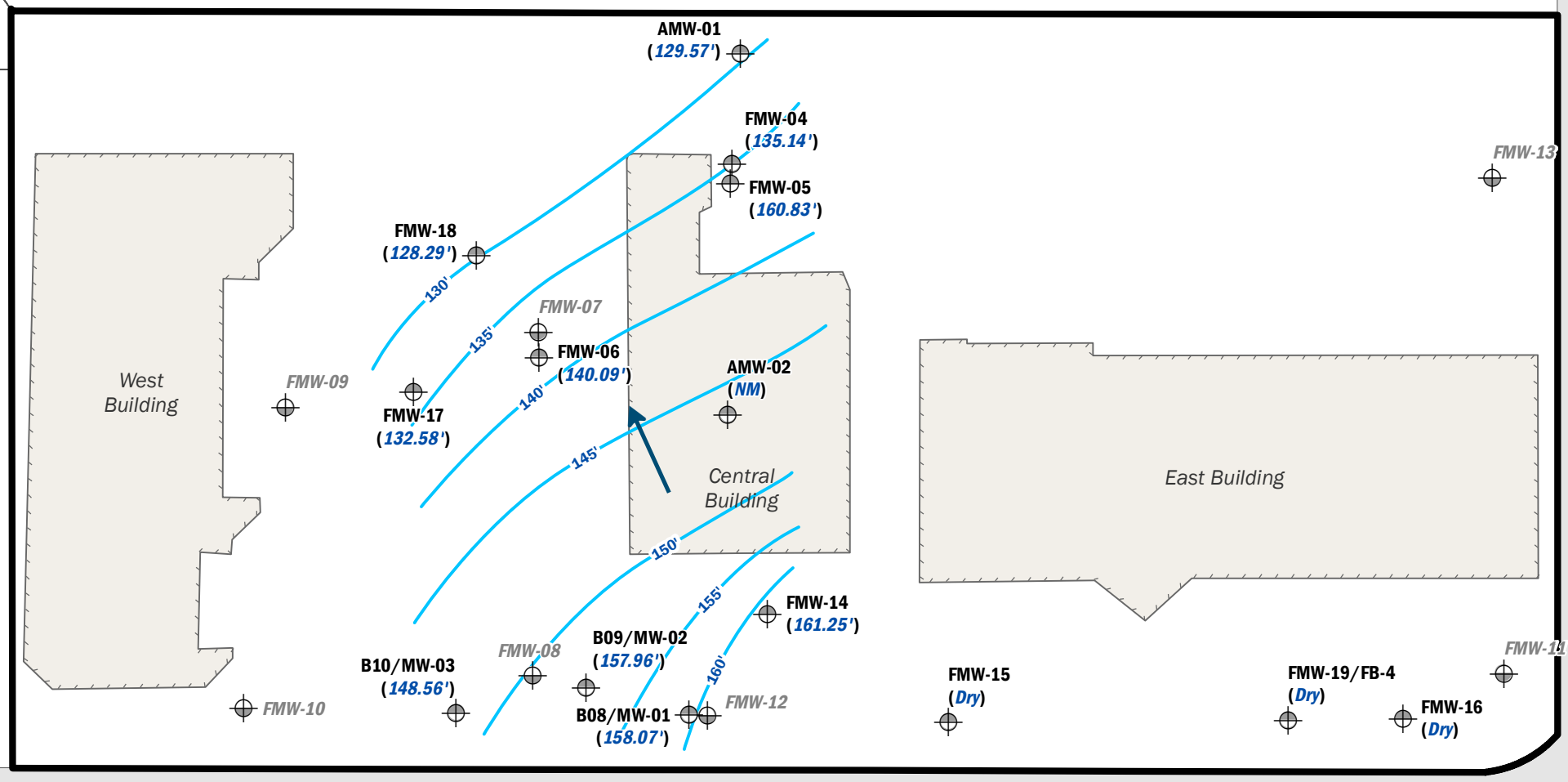
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 2
	PROJECT NO. 180587	REVISED BY: ---	

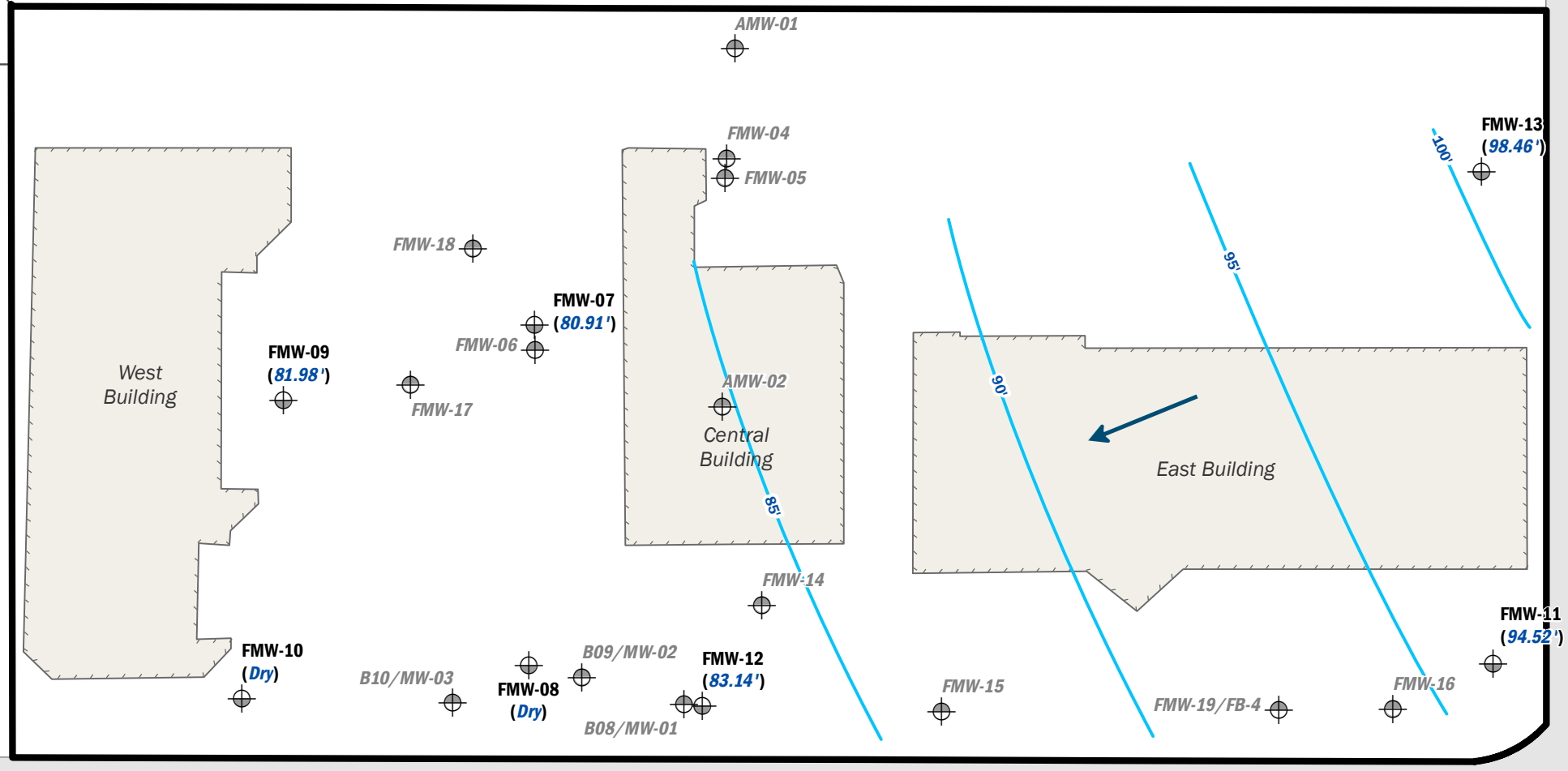
Basemap Layer Credits || EagleView Technologies, Inc.

GIS Path: G:\projects\N\8\Redevelopment_180587\Delivered\RIFS 2021\02 Site Plan\V2.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 3/17/2022 || User: rkochie || Print Date: 3/17/2022

Shallow Groundwater Elevations, May 2019 (9 to 40 ft bgs)



Deep Groundwater Elevations, May 2019 (80-90 ft bgs)



Monitoring Well - Shallow

Monitoring Well - Deep

Groundwater Contour Line (NAVD88, ft)

Groundwater Flow Direction

Subject Property

FMW-05 (129.53') ← Sample Name; Groundwater Elevation (NAVD88, ft)

N

0 20 40

Feet

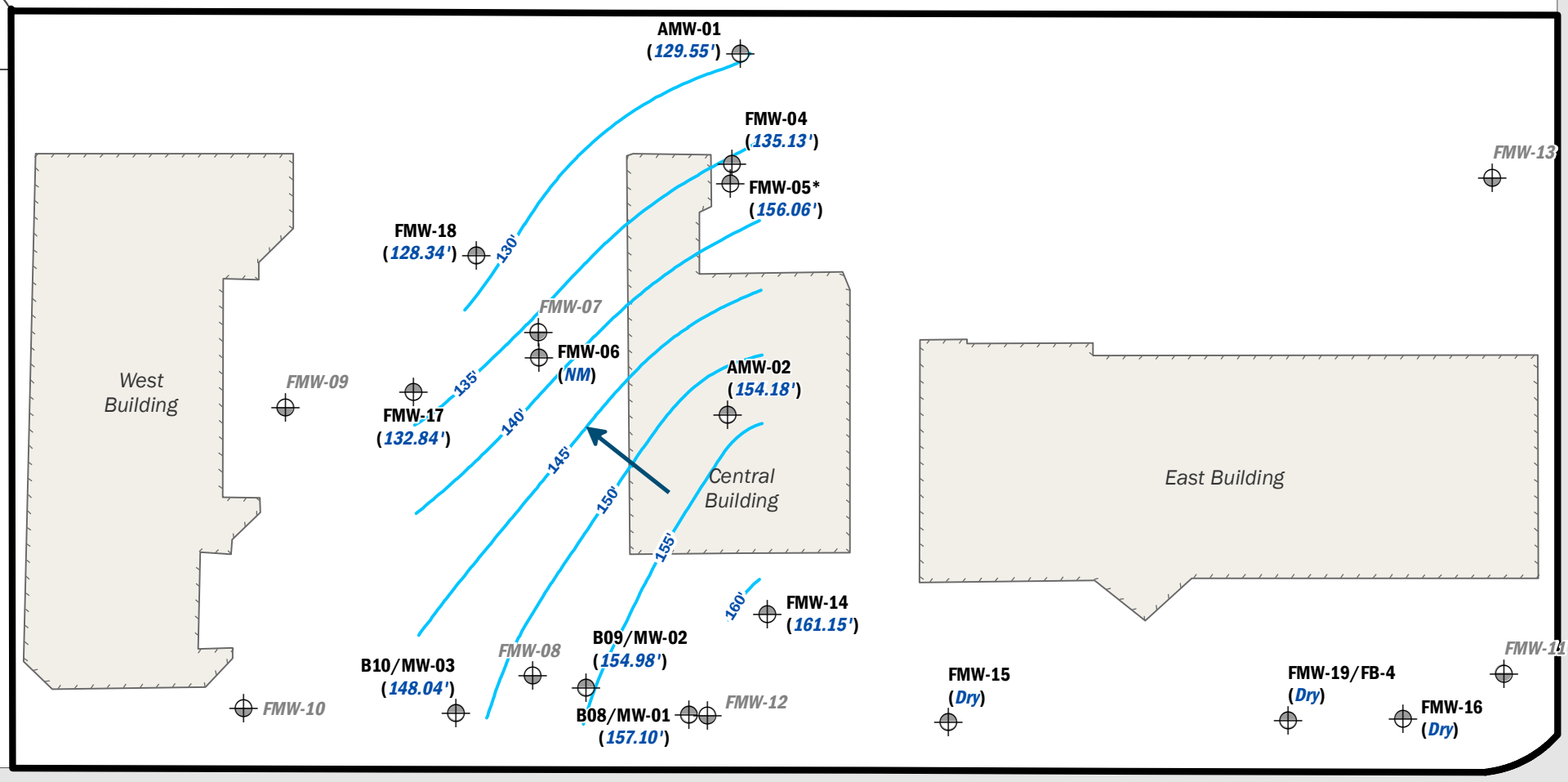
Note: Site features are approximate.

Groundwater Elevation Contours, May 2019

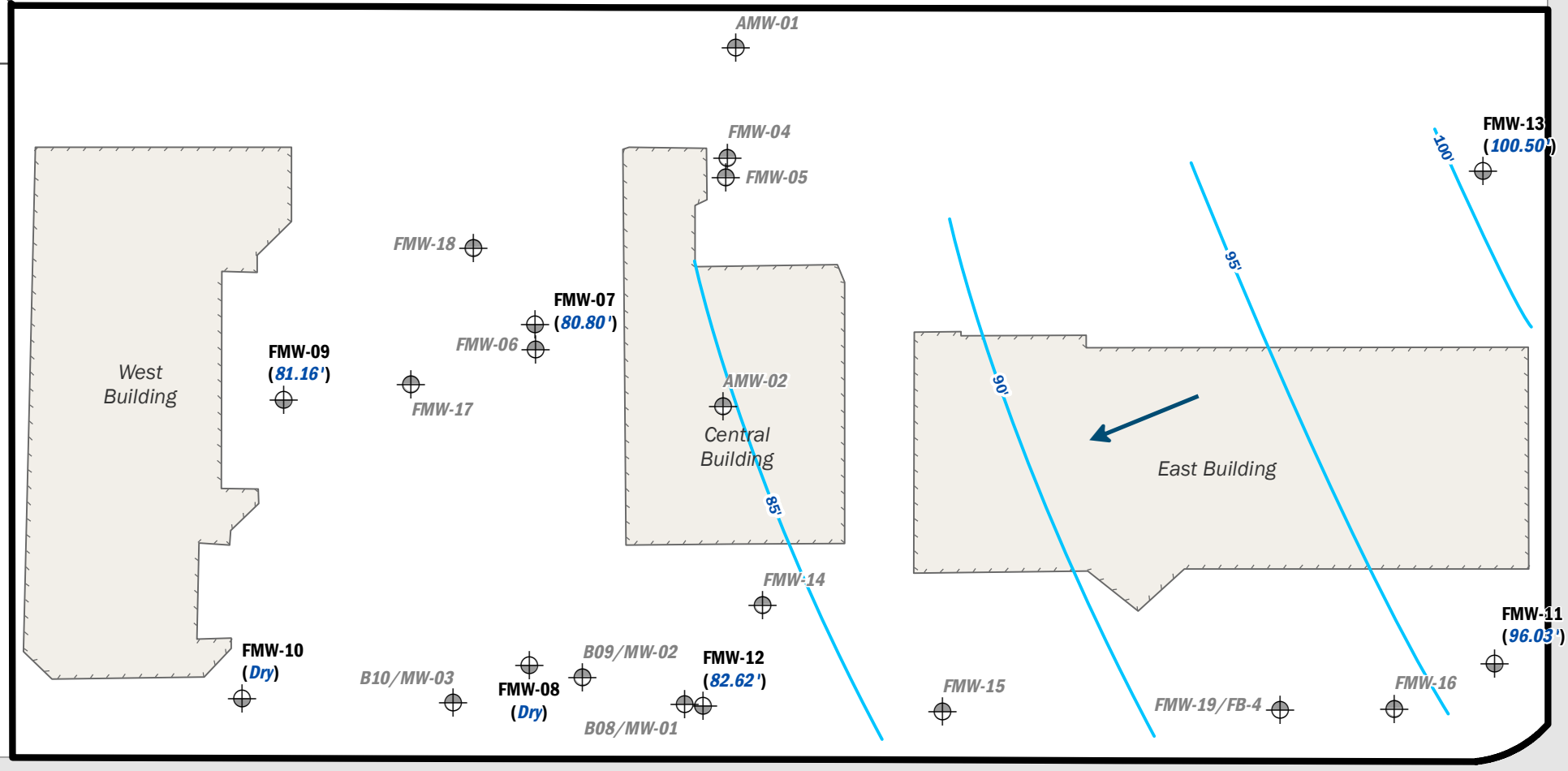
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 3a
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Elevations, August 2020 (9 to 40 ft bgs)



Deep Groundwater Elevations, August 2020 (80-90 ft bgs)



- Monitoring Well - Shallow
- Monitoring Well - Deep
- Groundwater Contour Line (NAVD88, ft)
- Groundwater Flow Direction
- Subject Property

FMW-05 ← Sample Name
(129.53') ← Groundwater Elevation (NAVD88, ft)

Notes:
- Site features are approximate.
- Shallow groundwater elevations created with Surfer.
* FMW-05 was not included in the contouring.

N

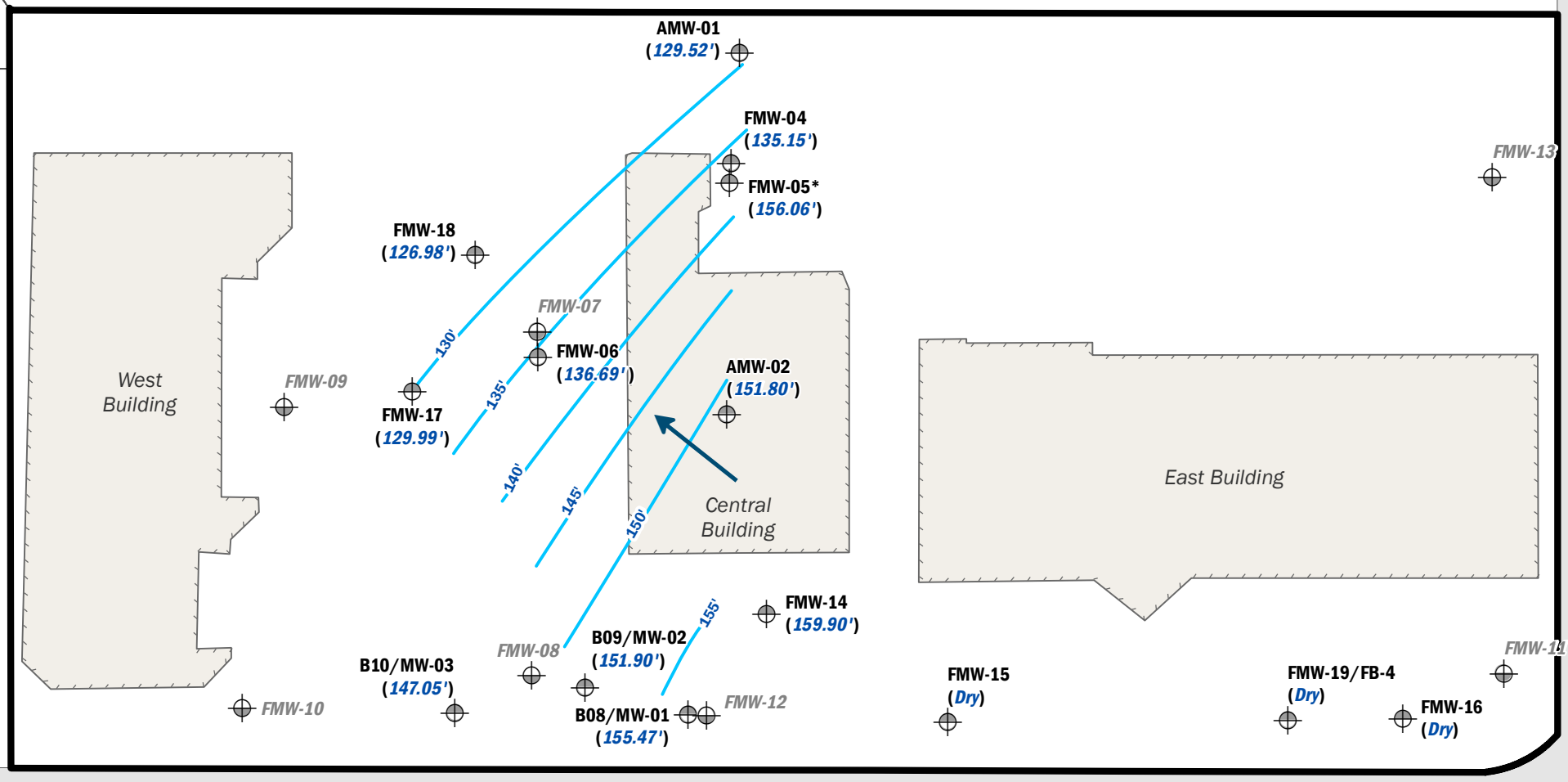
0 20 40
Feet

Groundwater Elevation Contours, August 2020

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

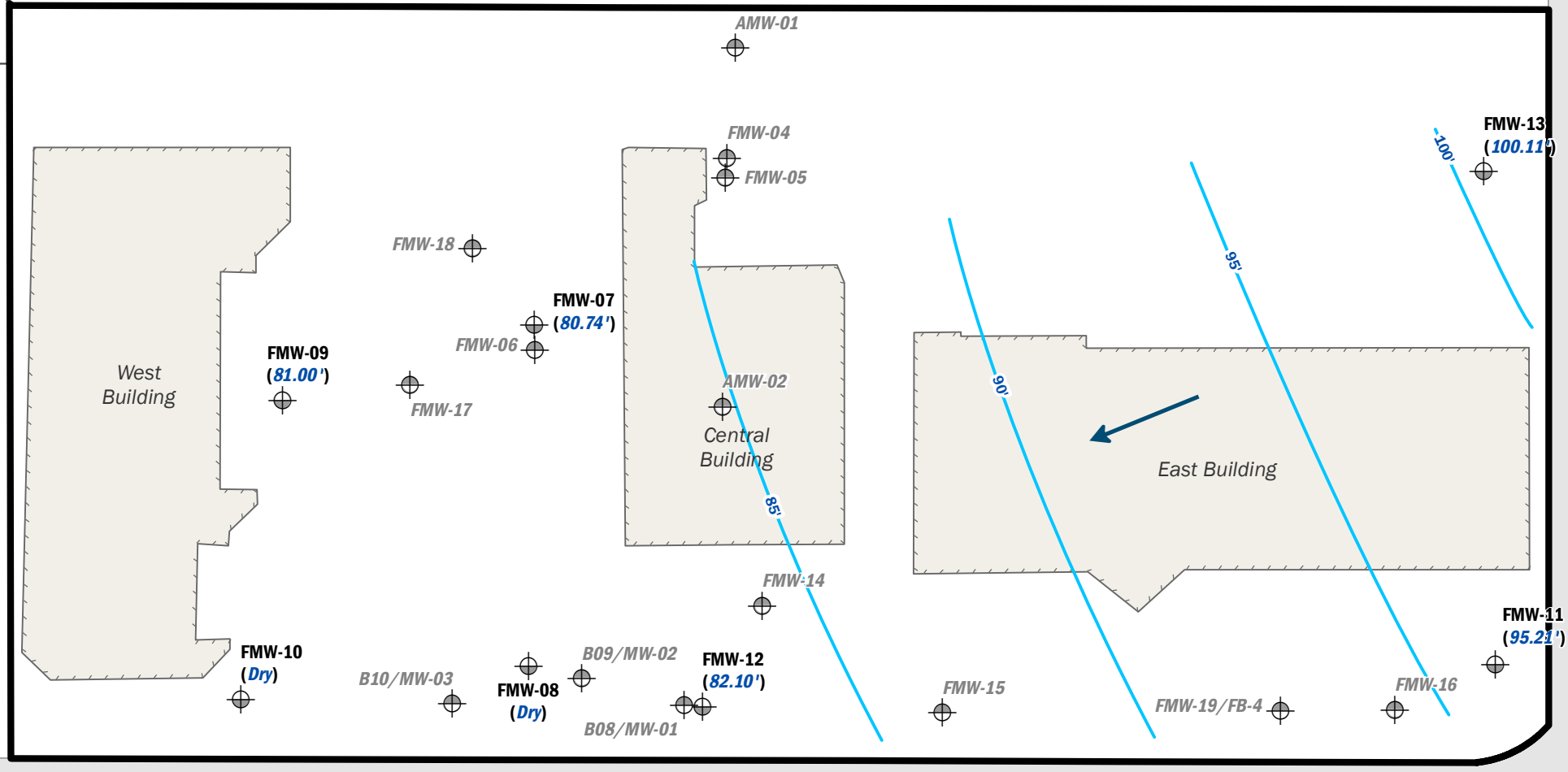
Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 3b
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Elevations, November 2020 (9 to 40 ft bgs)



NORTHEAST 8TH STREET

Deep Groundwater Elevations, November 2020 (80-90 ft bgs)



NORTHEAST 8TH STREET

- Monitoring Well - Shallow
- Monitoring Well - Deep
- Groundwater Contour Line (NAVD88, ft)
- Groundwater Flow Direction
- Subject Property

FMW-05 (129.53') ← Sample Name; Groundwater Elevation (NAVD88, ft)

Notes:
- Site features are approximate.
- Shallow groundwater elevations created with Surfer.
- * FMW-05 was not included in the contouring.

N

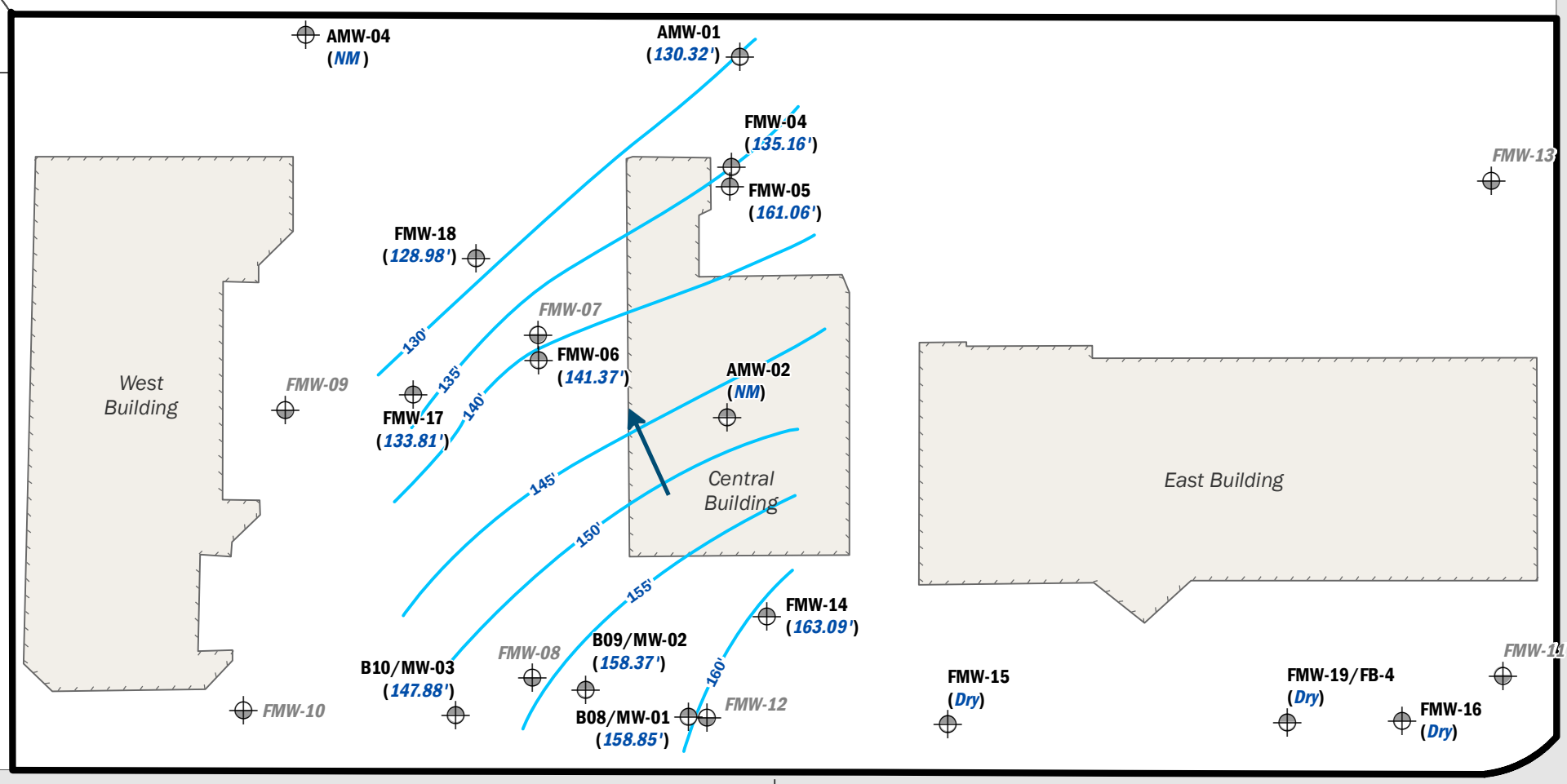
0 20 40
Feet

Groundwater Elevation Contours, November 2020

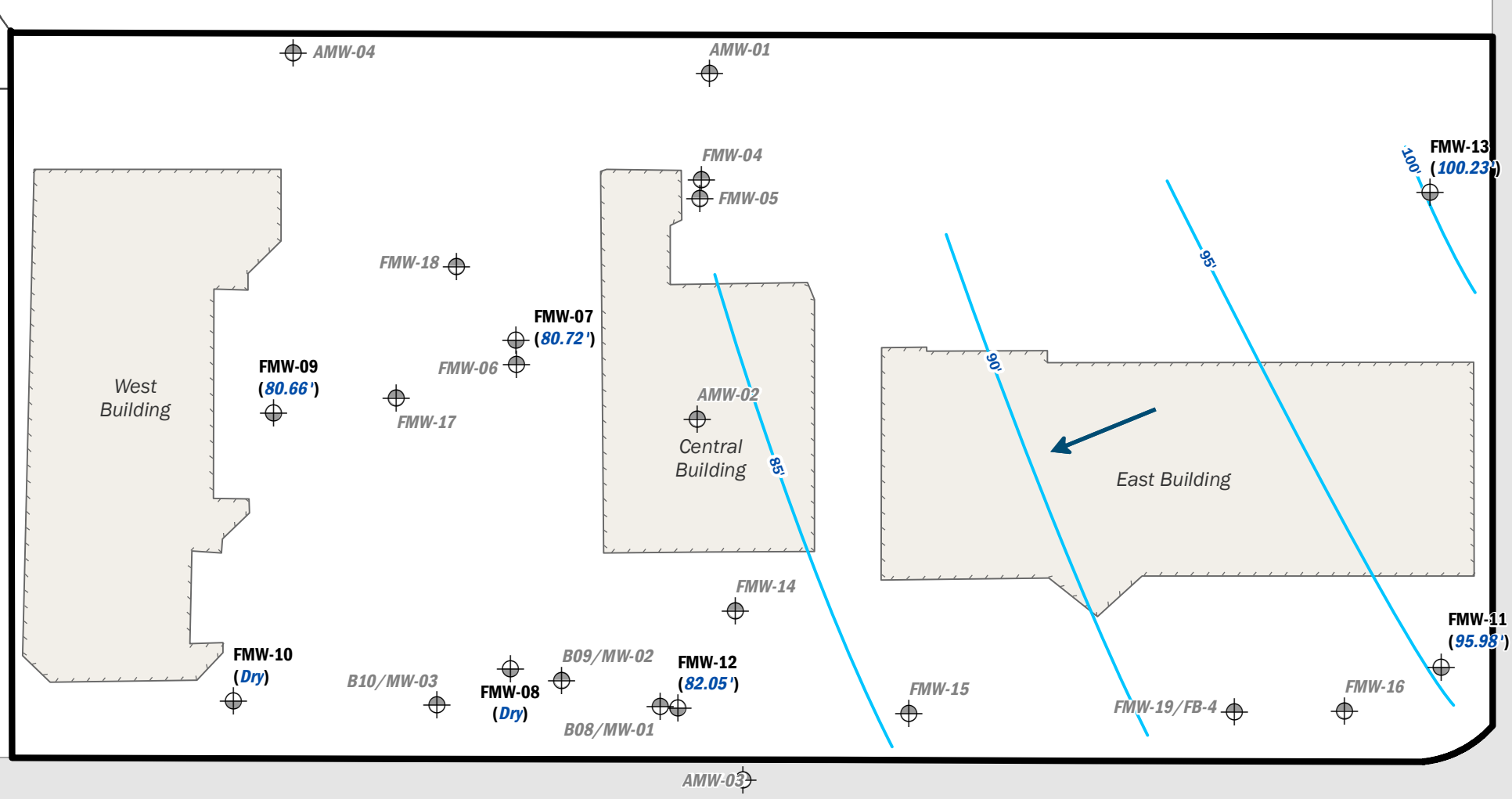
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 3c
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Elevations, March 2021 (9 to 40 ft bgs)



Deep Groundwater Elevations, March 2021 (80-90 ft bgs)



- Monitoring Well - Shallow
- Monitoring Well - Deep
- Groundwater Contour Line (NAVD88, ft)
- Groundwater Flow Direction
- Subject Property

FMW-05 (129.53') ← Sample Name
Groundwater Elevation (NAVD88, ft)

Notes:
- Sampling results are from samples collected between March 25th and 30th, 2021.
- Site features are approximate.

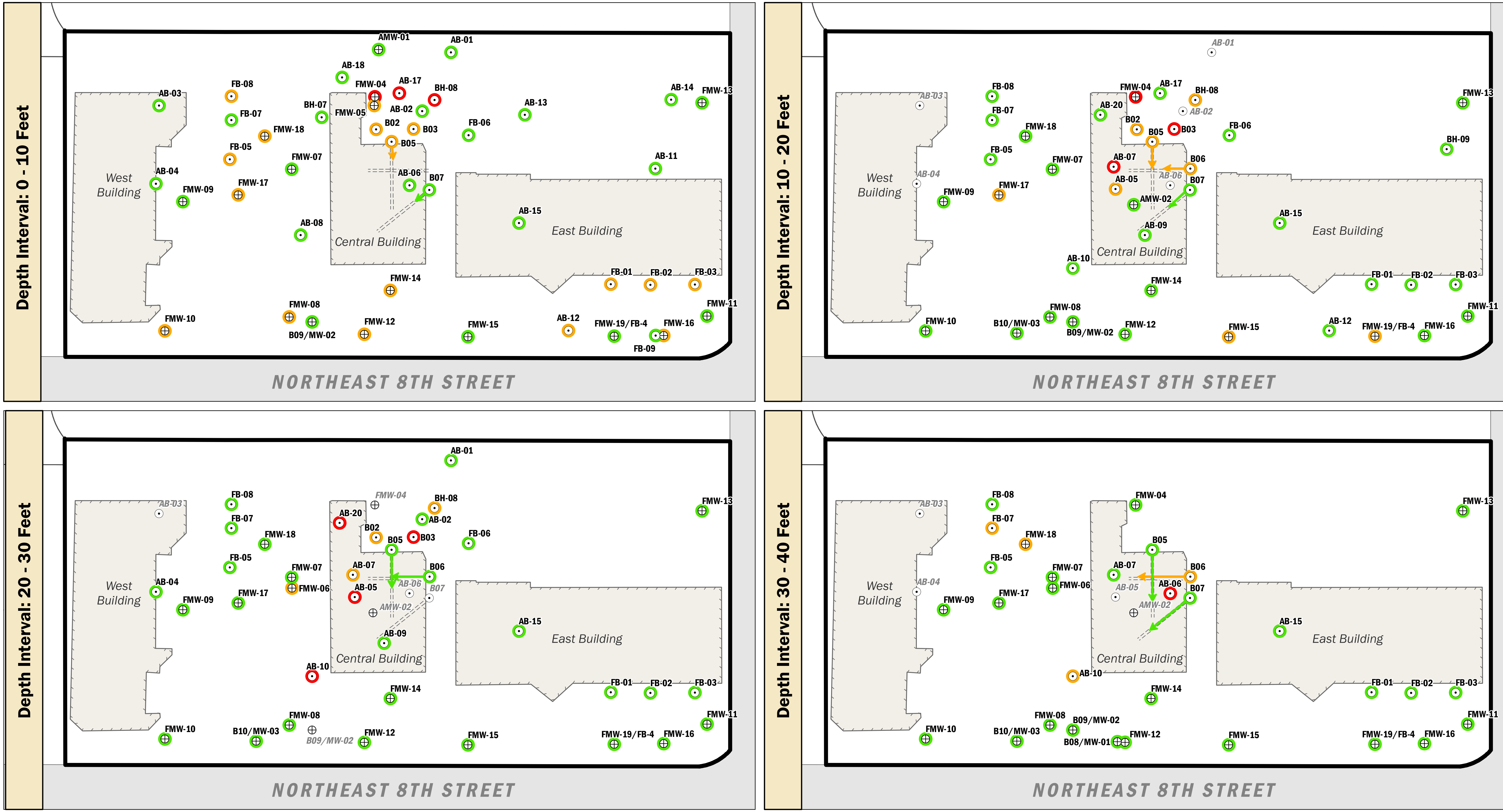
N

0 20 40
Feet

Groundwater Elevation Contours, March 2021

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 3d
	PROJECT NO. 180587	REVISED BY: ---	



Petroleum hydrocarbons and BTEX detected at a concentration greater than the MTCA Method A cleanup level.

Petroleum hydrocarbons and BTEX detected at concentrations less than the MTCA Method A cleanup level.

Petroleum hydrocarbons and BTEX were not detected.

Boring

Monitoring Well

Angled Boring with Approximate Location of Sample at Specified Depth

FMW-04 Exploration Not Sampled at this Depth

Subject Property

Note: Site features are approximate.

0 55 110

Feet

Summary of Petroleum Hydrocarbons and BTEX in Soil - 0 to 40 ft

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect CONSULTING

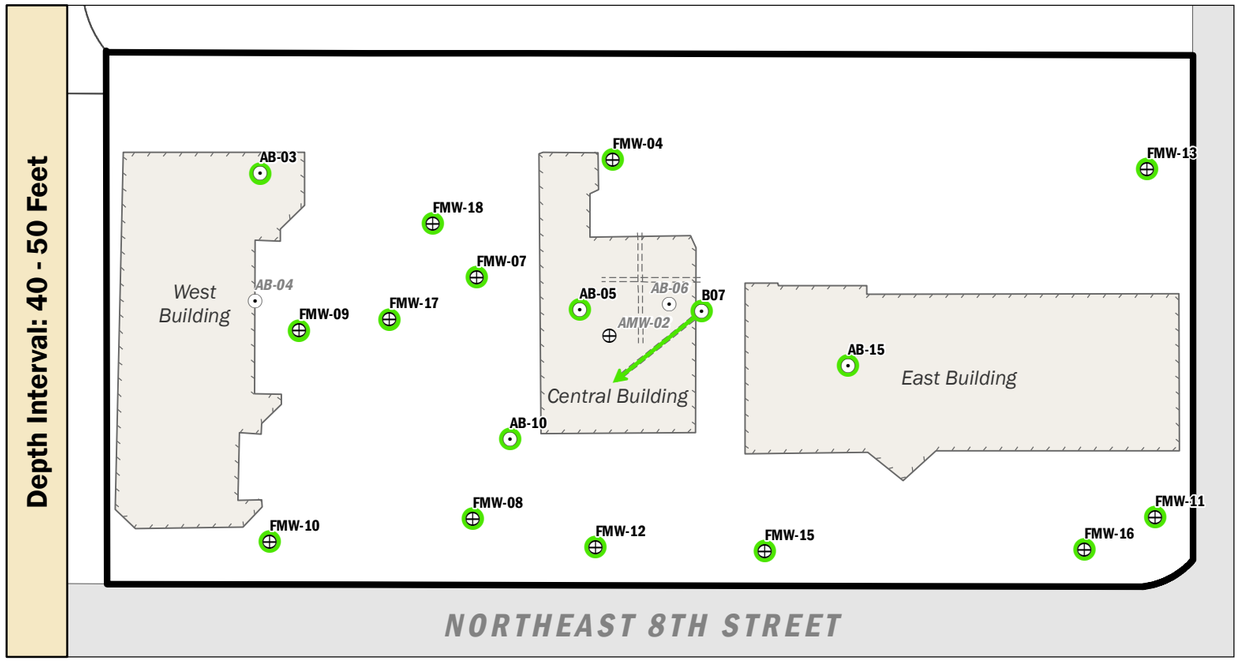
MAR-2022

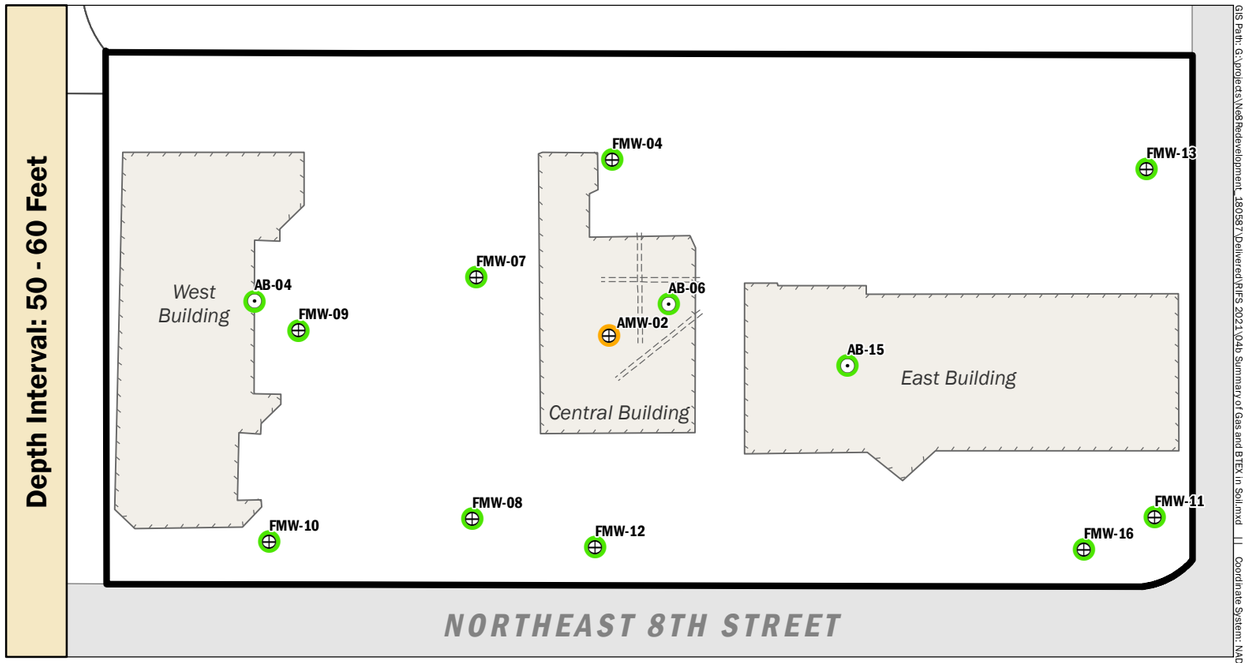
PROJECT NO. 180587

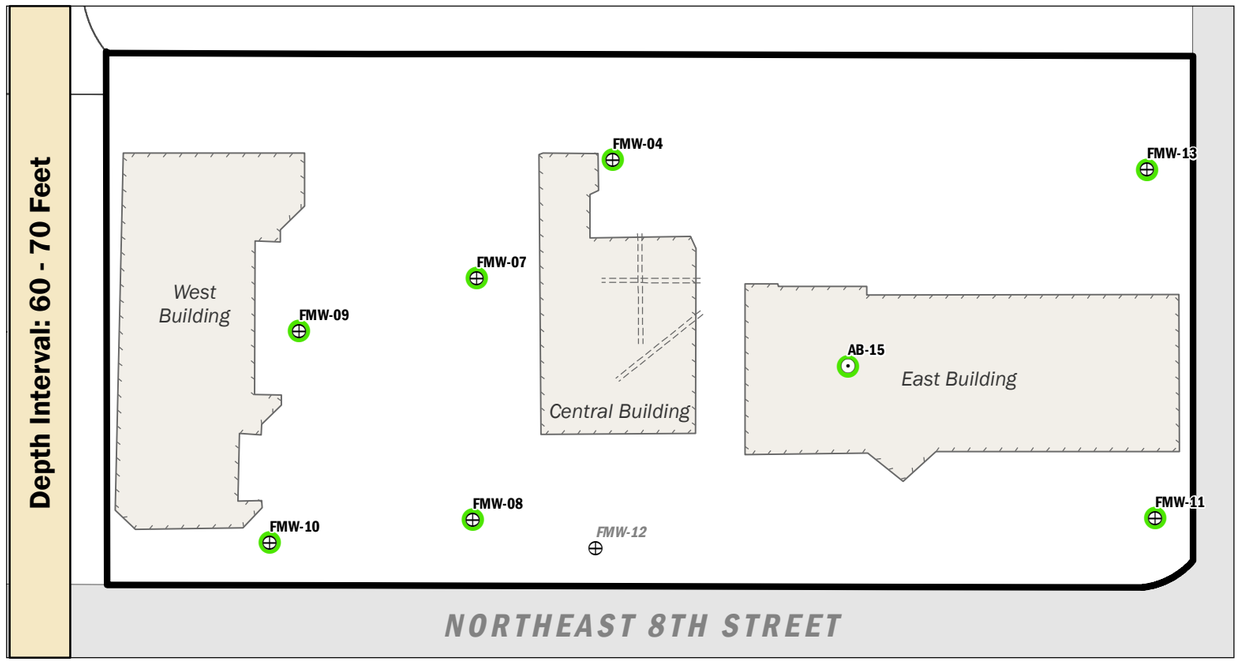
BY: ALC / TDR

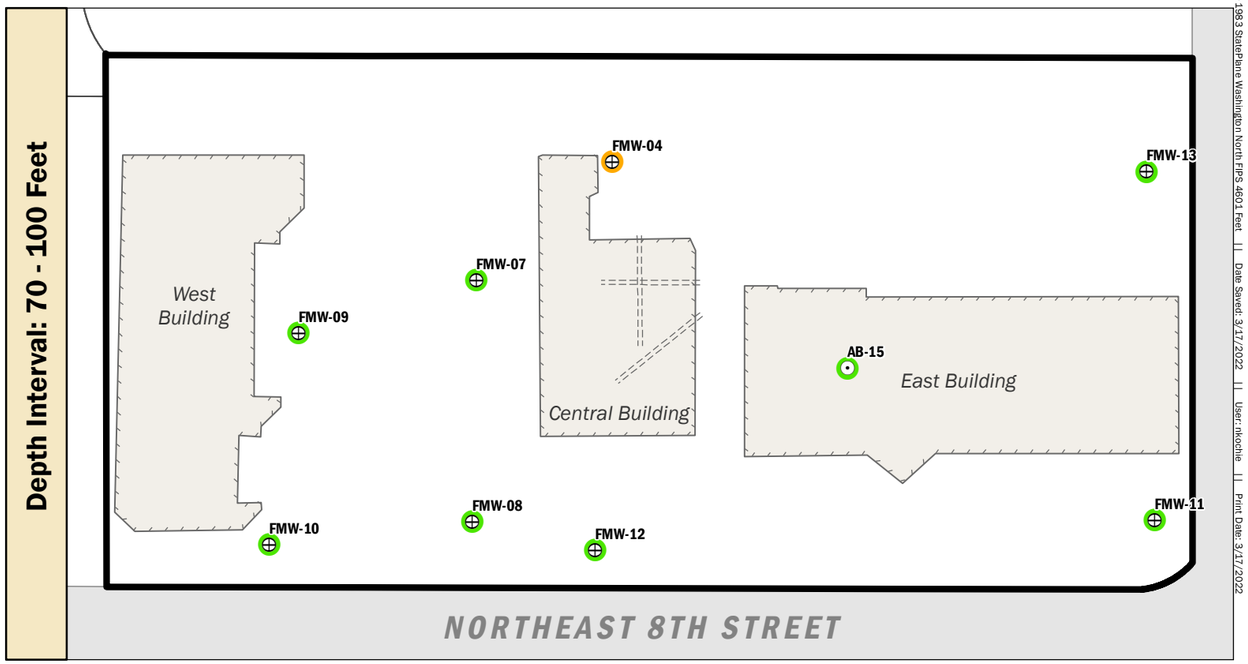
REVISED BY: - - -

FIGURE NO. 4a









Petroleum hydrocarbons and BTEX detected at a concentration greater than the MTCA Method A cleanup level.

Petroleum hydrocarbons and BTEX detected at concentrations less than the MTCA Method A cleanup level.

Petroleum hydrocarbons and BTEX were not detected.

Boring

Monitoring Well

Angled Boring with Approximate Location of Sample at Specified Depth

FMW-04 Exploration Not Sampled at this Depth

Subject Property

Note: Site features are approximate.

N

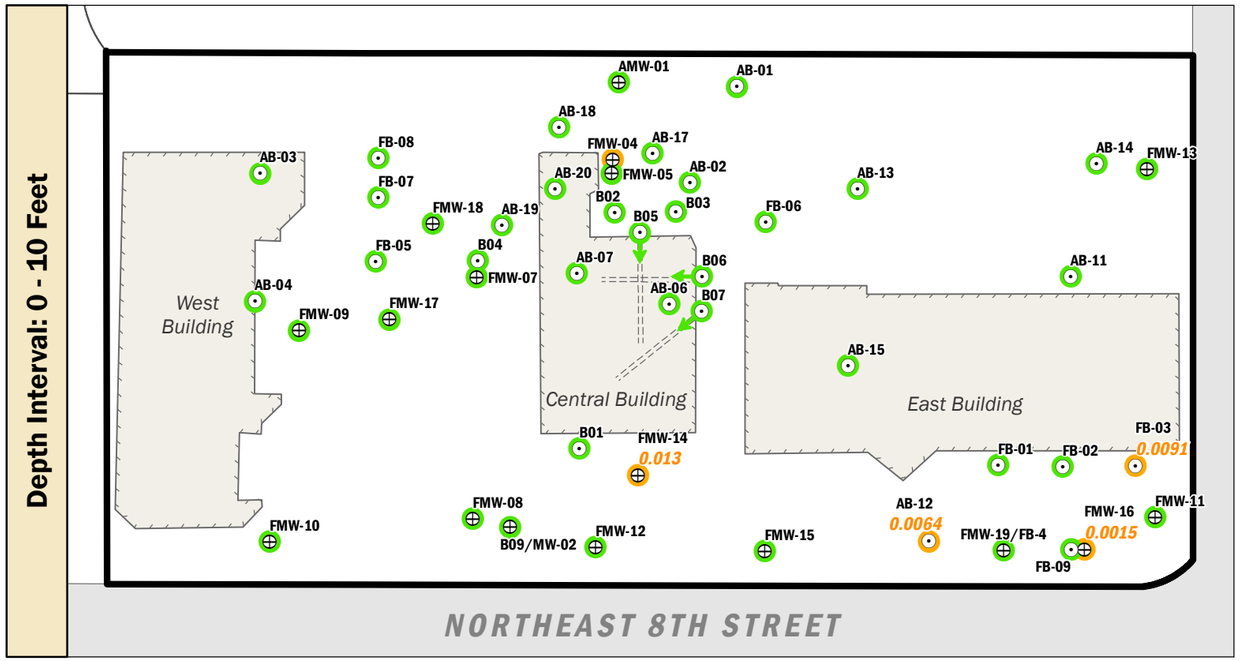
0 55 110

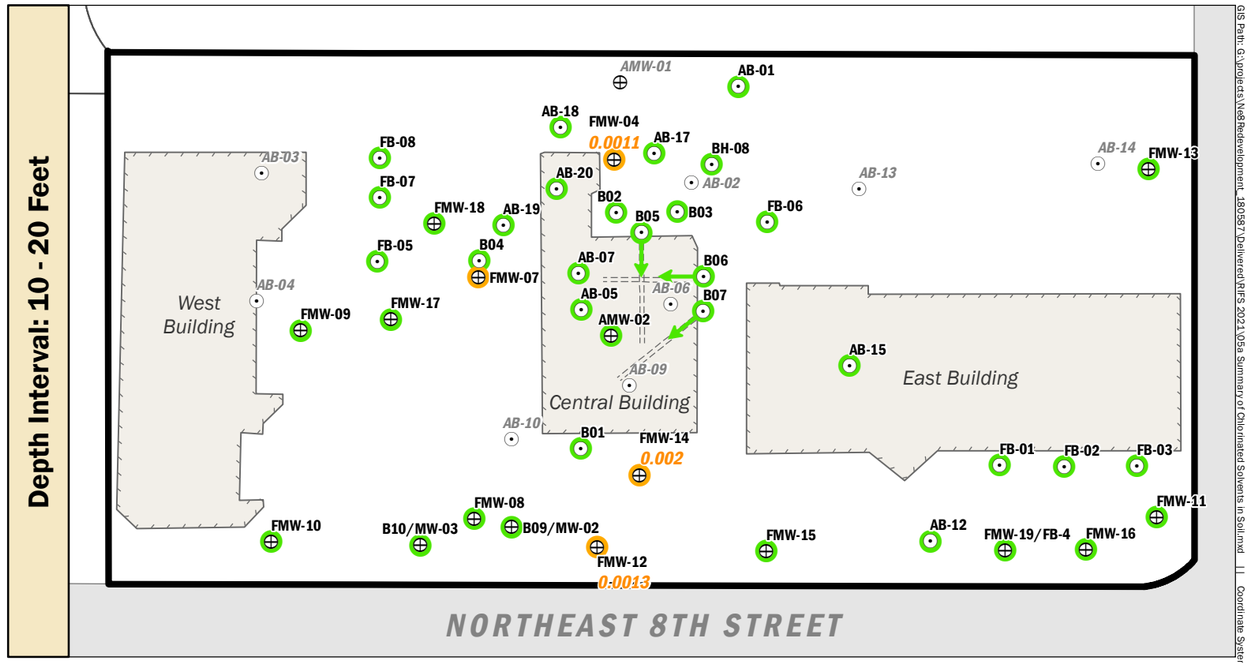
Feet

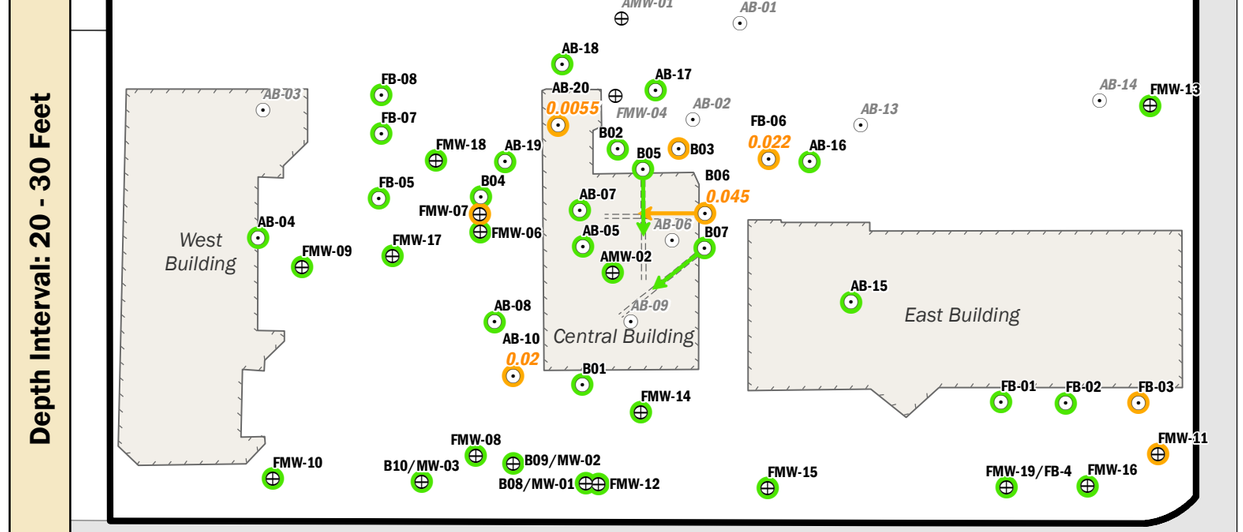
Summary of Petroleum Hydrocarbons and BTEX in Soil - 40 to 100 ft

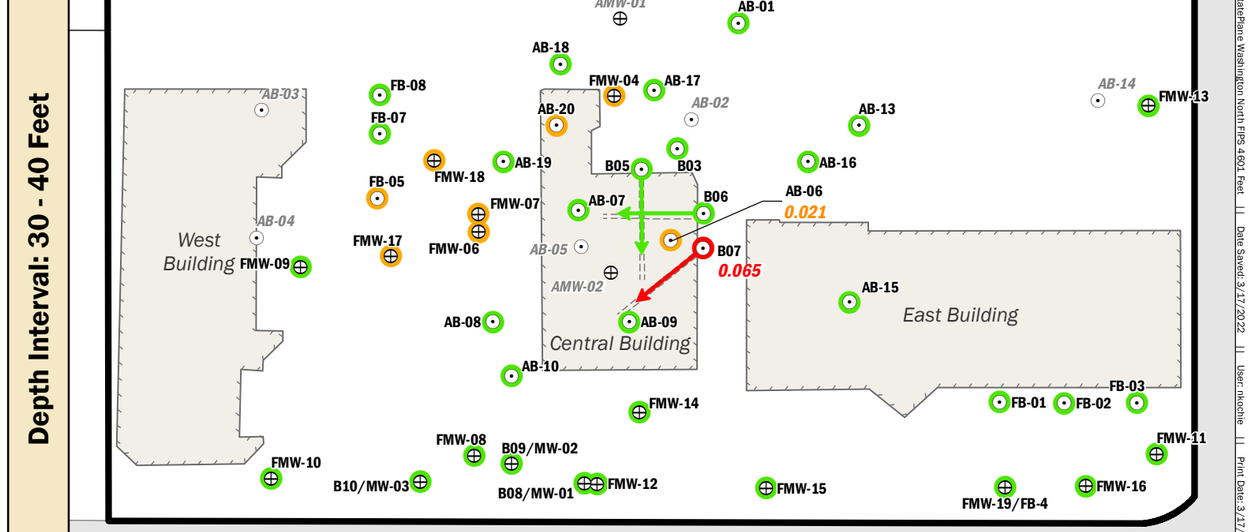
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 4b
	PROJECT NO. 180587	REVISED BY: ---	









Chlorinated solvents detected at a concentration greater than the MTCA Method A cleanup level.

Chlorinated solvents detected at concentrations less than the MTCA Method A cleanup level.

Chlorinated solvents were not detected.

Boring

Monitoring Well

Angled Boring with Approximate Location of Sample at Specified Depth

FMW-04 Exploration Not Sampled at this Depth

Subject Property

FMW-06 ← Sample Name

0.045 ← PCE Levels if detected at location (mg/Kg)

Note: 1. Site features are approximate.
2. Chlorinated solvents tested were PCE, TCE, VC, 1,2-Cis, 1,2 Trans DCE.

N

0 55 110

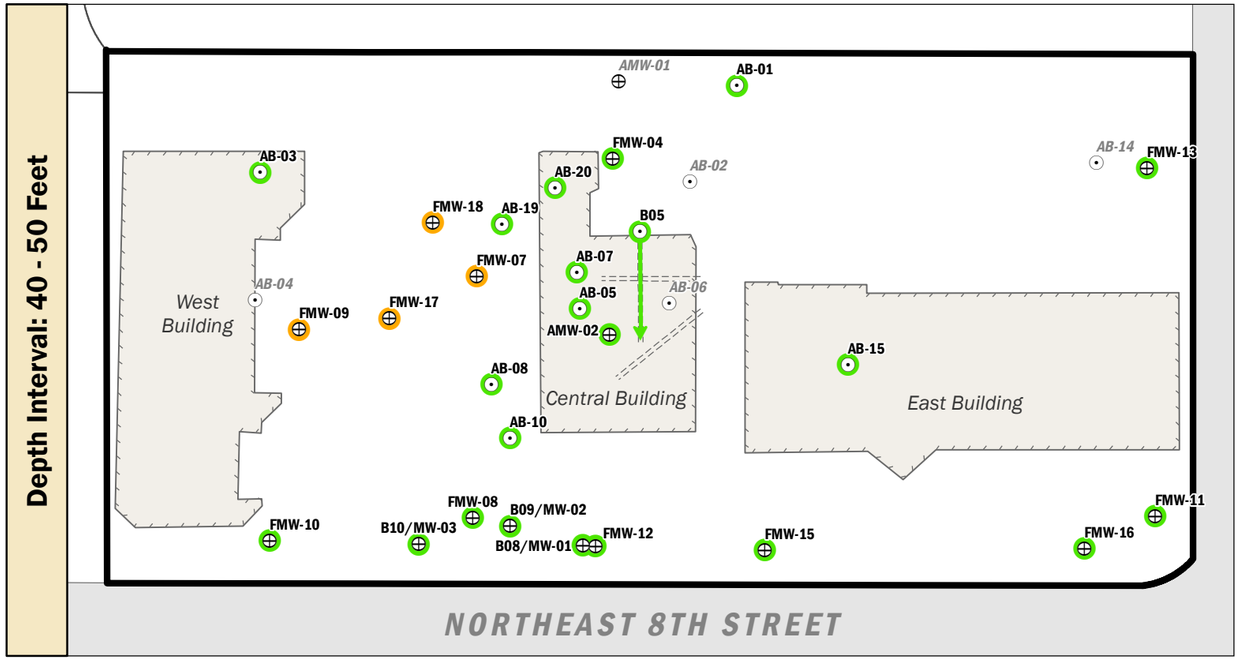
Feet

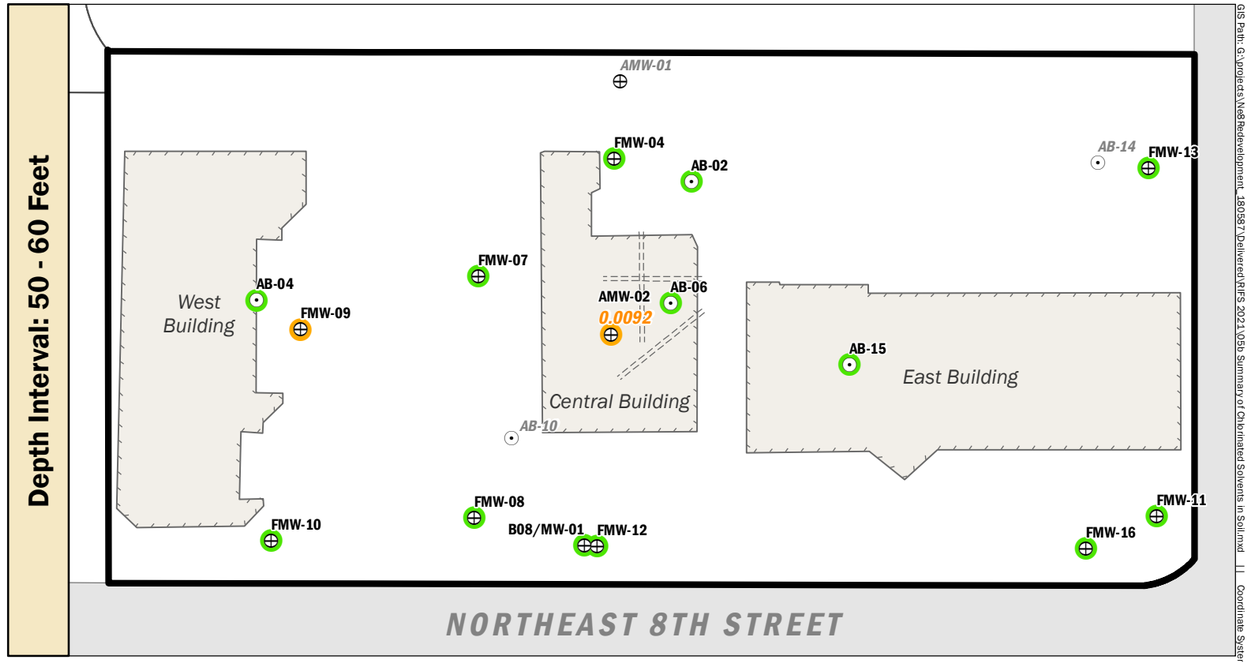
Summary of Chlorinated Solvents in Soil - 0 to 40 ft

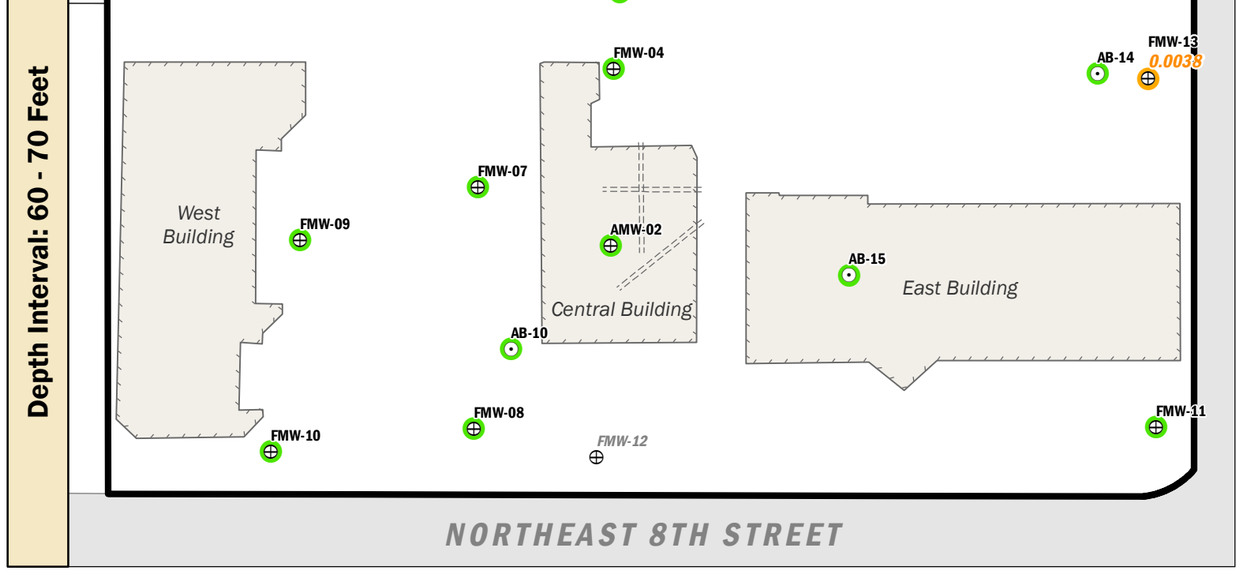
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

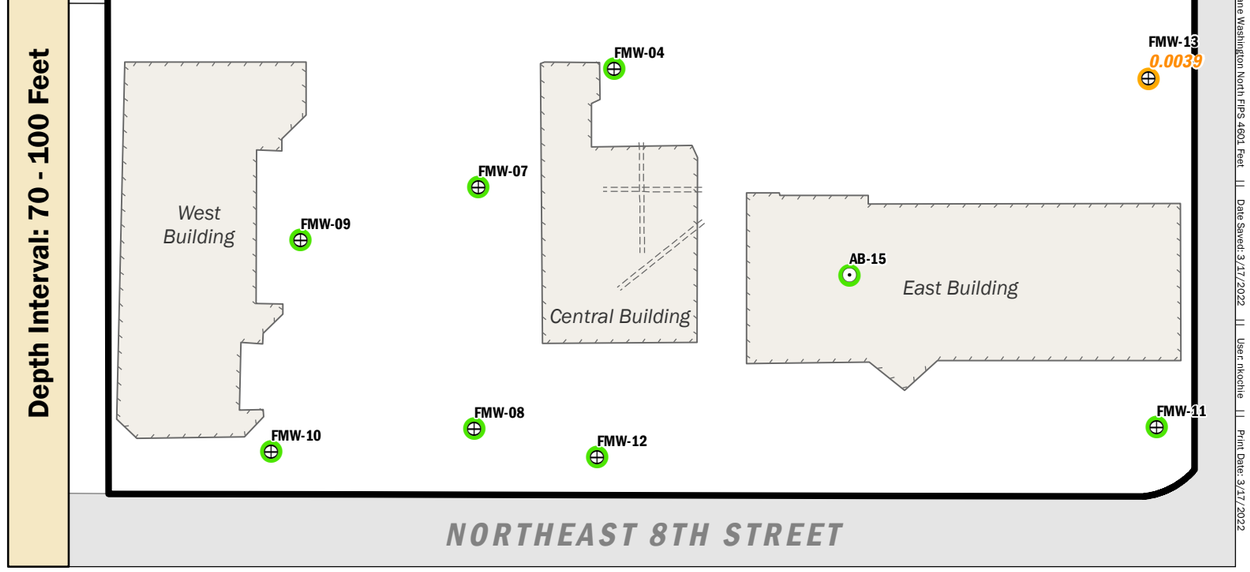
Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 5a
	PROJECT NO. 180587	REVISED BY: ---	

GIS Path: G:\projects\Vol8\Redevelopment_180587\Delivered\RIFS 20210105a Summary of Chlorinated Solvents in Soil.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 3/17/2022 || User: nkoehle || Print Date: 3/17/2022









- Chlorinated solvents detected at a concentration greater than the MTCA Method A cleanup level.
- Chlorinated solvents detected at concentrations less than the MTCA Method A cleanup level.
- Chlorinated solvents were not detected.

- Boring
- Monitoring Well
- Angled Boring with Approximate Location of Sample at Specified Depth
- FMW-04 Exploration Not Sampled at this Depth

Subject Property

FMW-06 0.045 — Sample Name; PCE Levels if detected at location (mg/Kg)

Note:
1. Site features are approximate.
2. Chlorinated solvents tested were PCE, TCE, VC, 1,2-Cis, 1,2 Trans DCE.

N

0 55 110
Feet

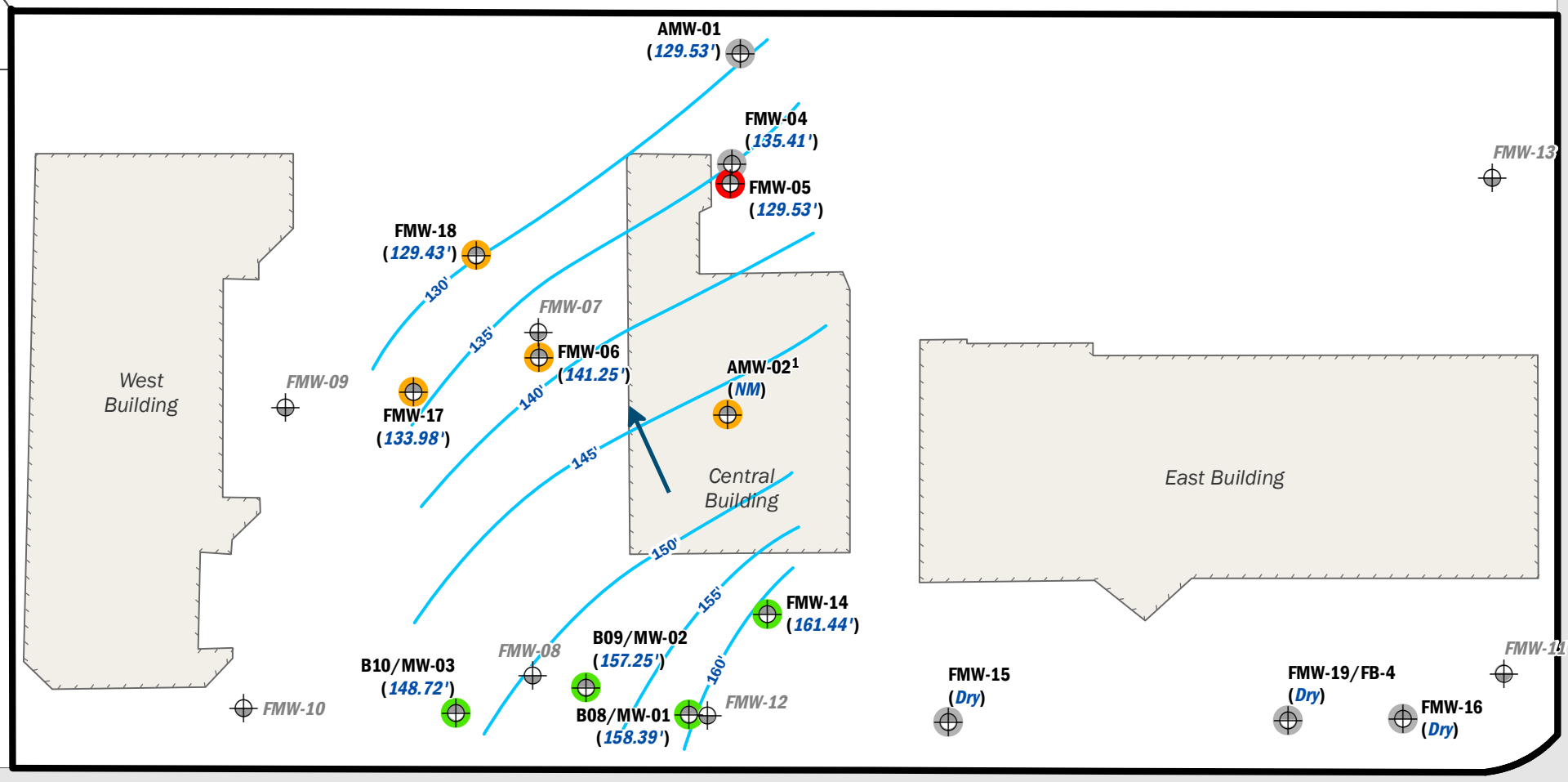
Summary of Chlorinated Solvents in Soil - 40 to 100 ft

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

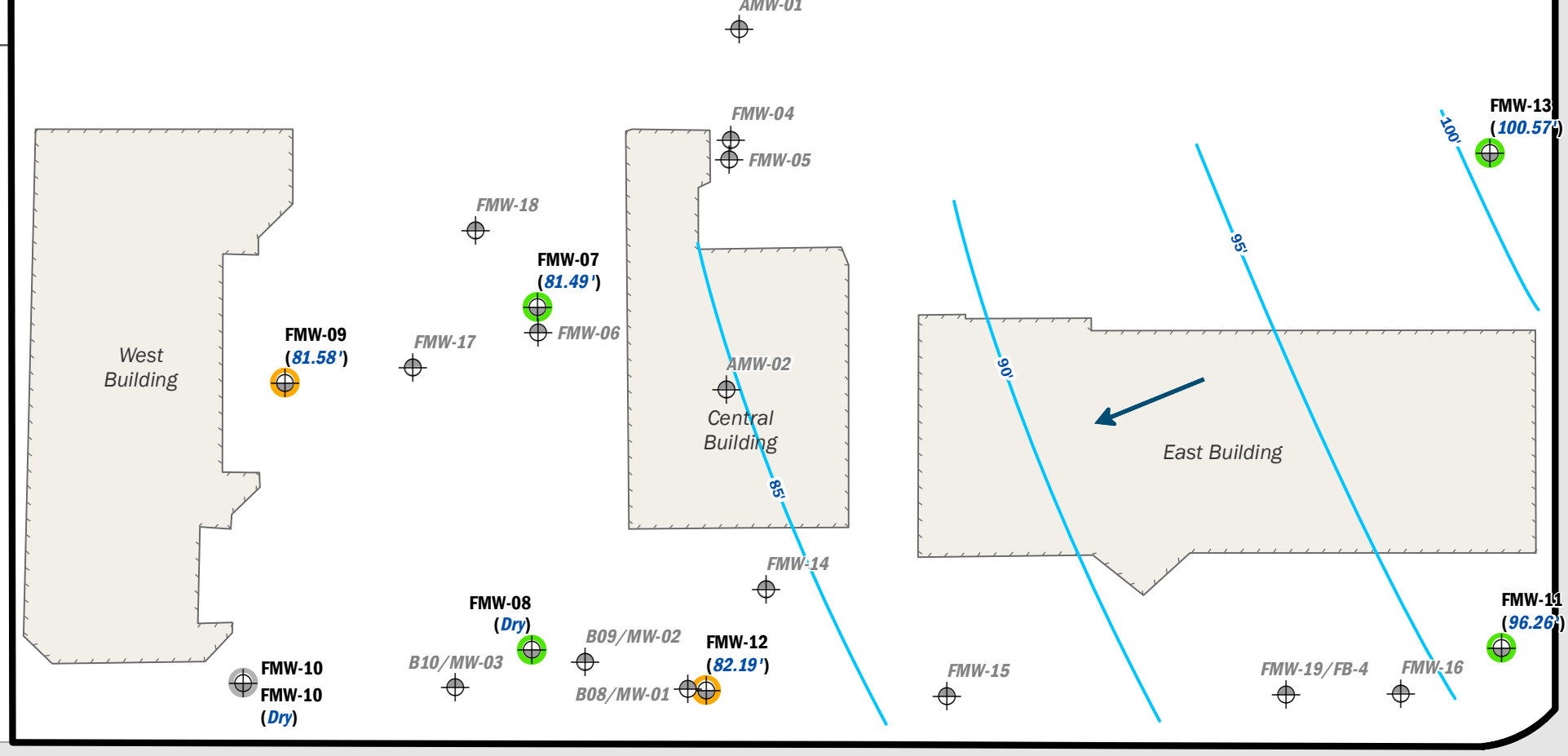
Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 5b
	PROJECT NO. 180587	REVISED BY: ---	

GIS Path: G:\projects\Vet\Redevelopment_180587\Delivered\RIFS 2021\05b Summary of Chlorinated Solvents in Soil.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 3/17/2022 || User: nkoehle || Print Date: 3/17/2022

Shallow Groundwater Results (9 to 40 ft bgs)



Deep Groundwater Results (80-90 ft bgs)



Notes:
1. Sampling results are from May 22nd, 2019, except AMW-02 which was sampled July 26th, 2019.
2. Site features are approximate.

- Petroleum hydrocarbons and BTEX detected at a concentration greater than the MTCA Method A cleanup level.
- Petroleum hydrocarbons and BTEX detected at a concentration less than the MTCA Method A cleanup level.
- Petroleum hydrocarbons and BTEX were not detected.
- Not sampled due to insufficient water.
- Groundwater Flow Direction
- Monitoring Well - Shallow
- Monitoring Well - Deep
- Groundwater Contour Line (NAVD88, ft)
- Subject Property

N

0 20 40
Feet

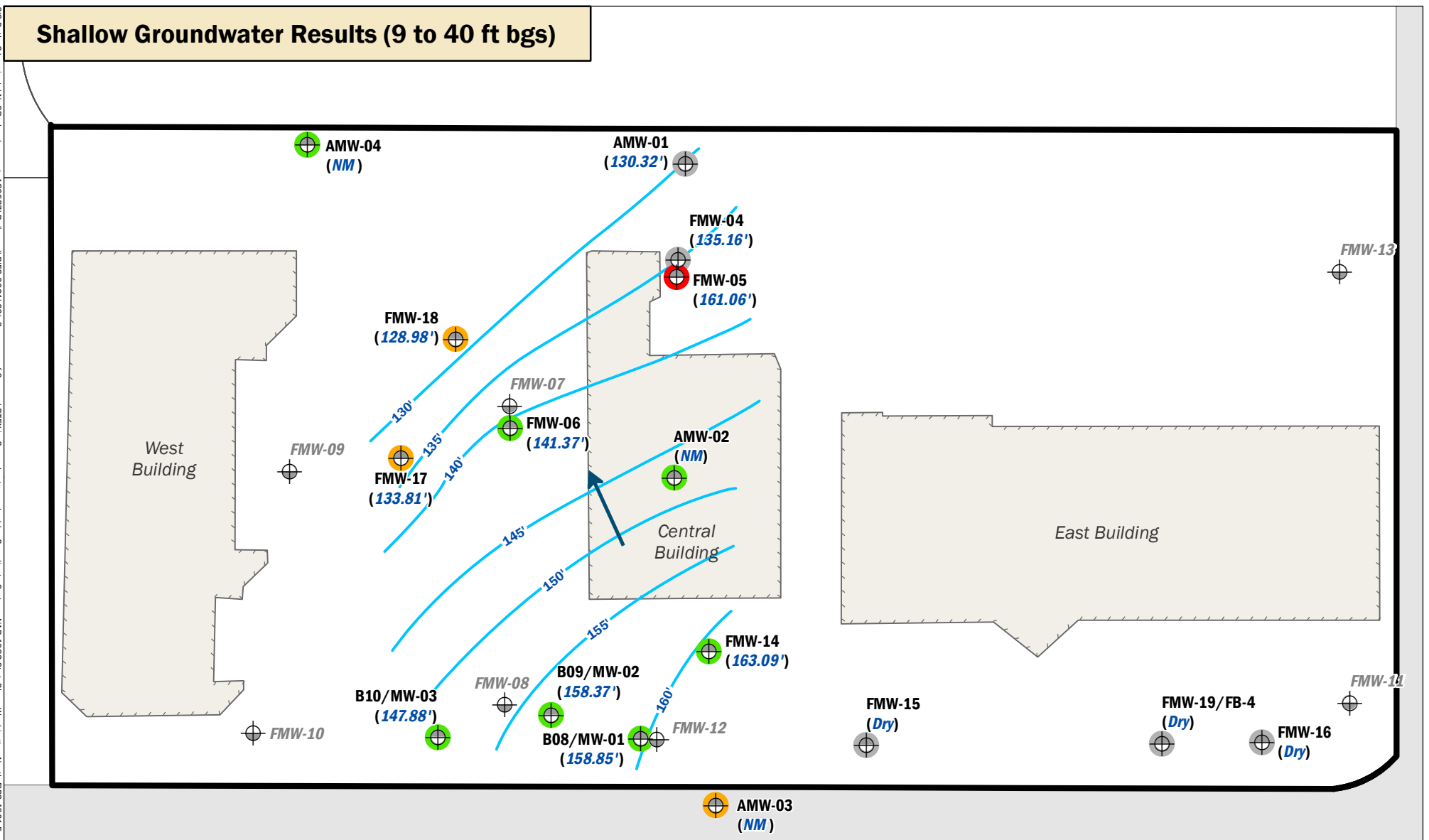
FMW-05 ← Sample Name
(129.53') ← Groundwater Elevation (NAVD88, ft)

Summary of Petroleum Hydrocarbons and BTEX in Groundwater May 2019

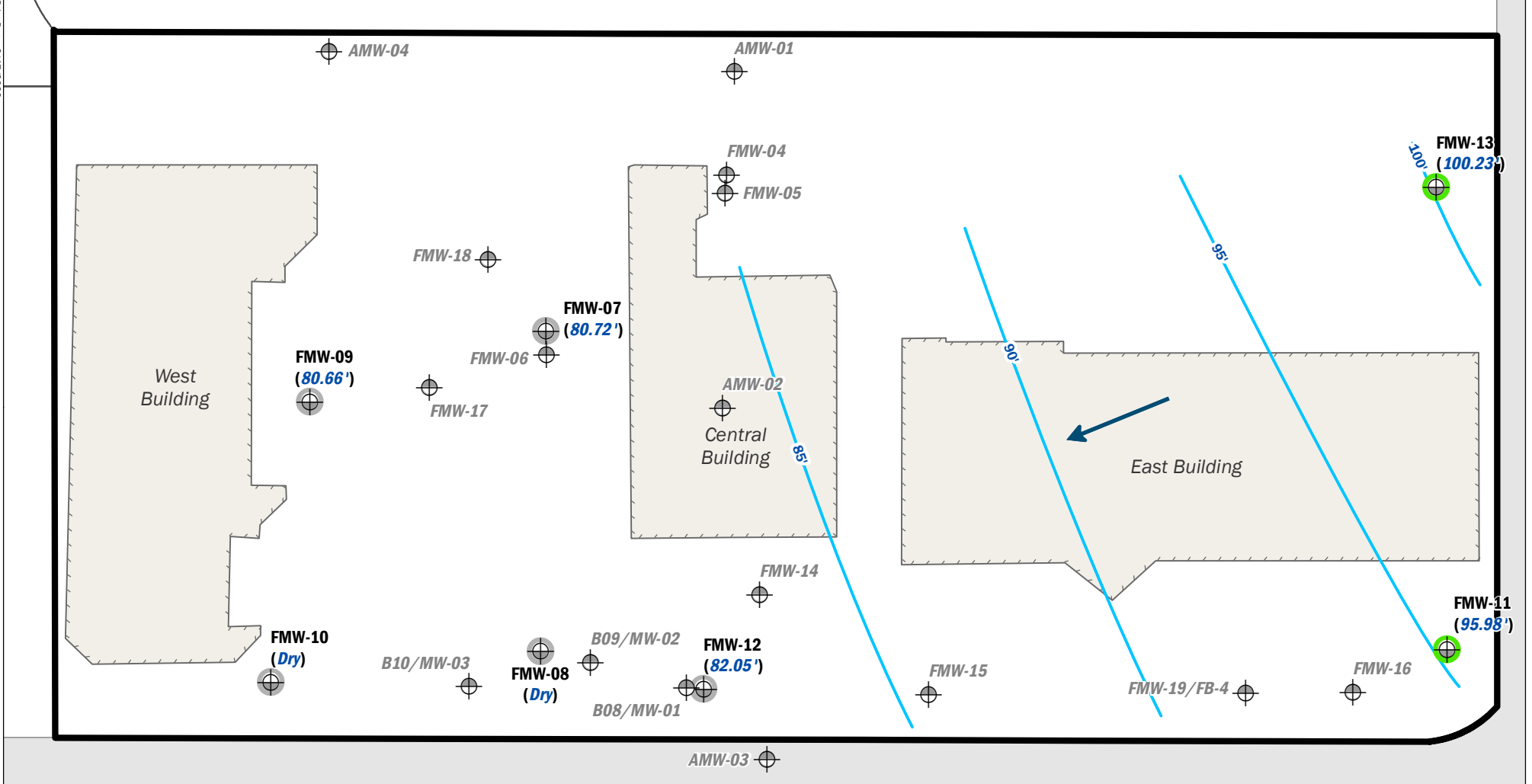
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 6a
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Results (9 to 40 ft bgs)



Deep Groundwater Results (80-90 ft bgs)



Notes:
1. Sampling results are from samples collected between March 25th and 30th, 2021.
2. Site features are approximate.
3. *AMW-03 and AMW-04 were not surveyed.

- Petroleum hydrocarbons and BTEX detected at a concentration greater than the MTCA Method A cleanup level.
- Petroleum hydrocarbons and BTEX detected at a concentration less than the MTCA Method A cleanup level.
- Petroleum hydrocarbons and BTEX were not detected.
- Not sampled due to insufficient water.
- Groundwater Flow Direction
- Monitoring Well - Shallow
- Monitoring Well - Deep
- Groundwater Contour Line (NAVD88, ft)
- Subject Property

FMW-05 (129.53') ← Sample Name; Groundwater Elevation (NAVD88, ft)

N

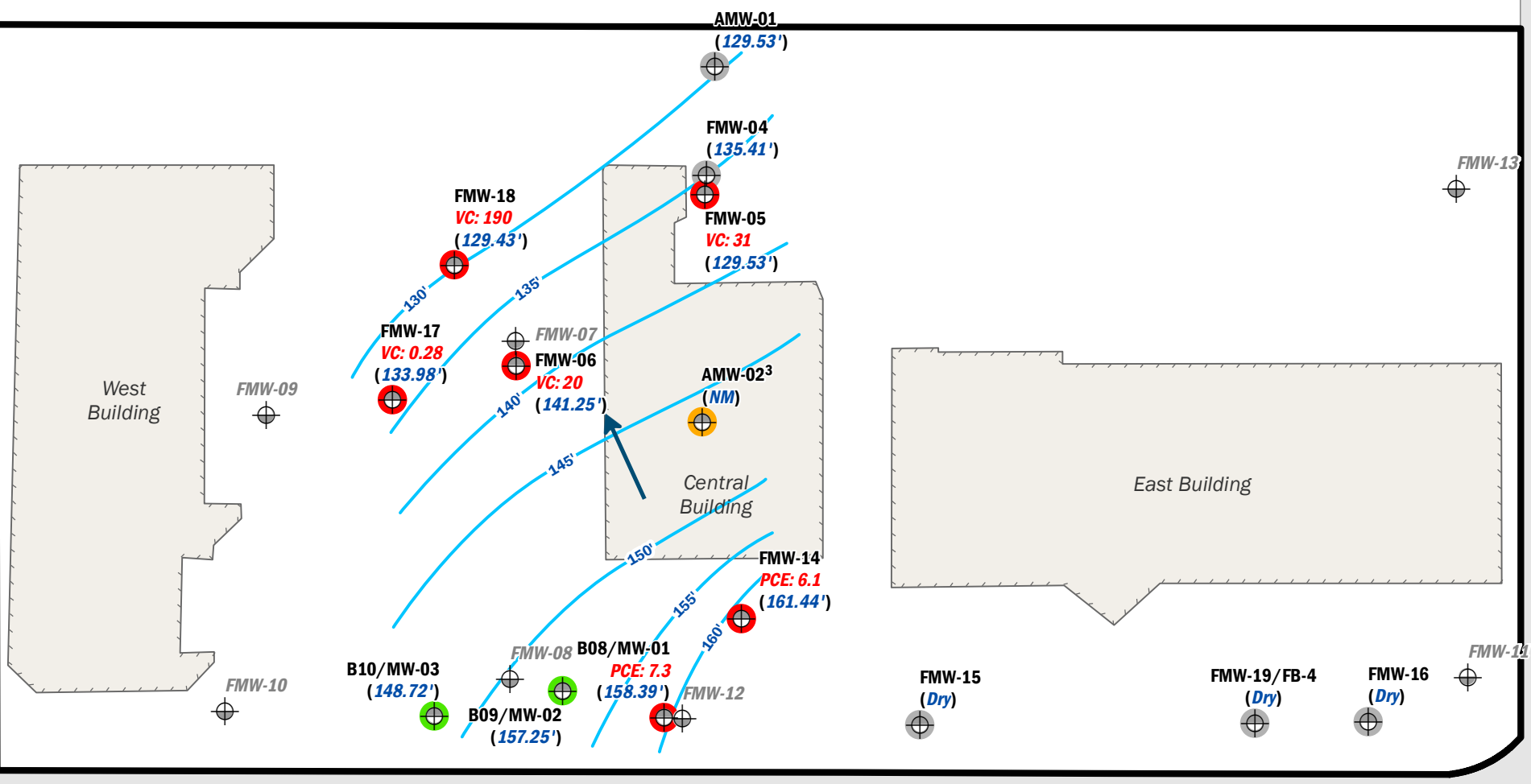
0 20 40
Feet

Summary of Petroleum Hydrocarbons and BTEX in Groundwater March 2021

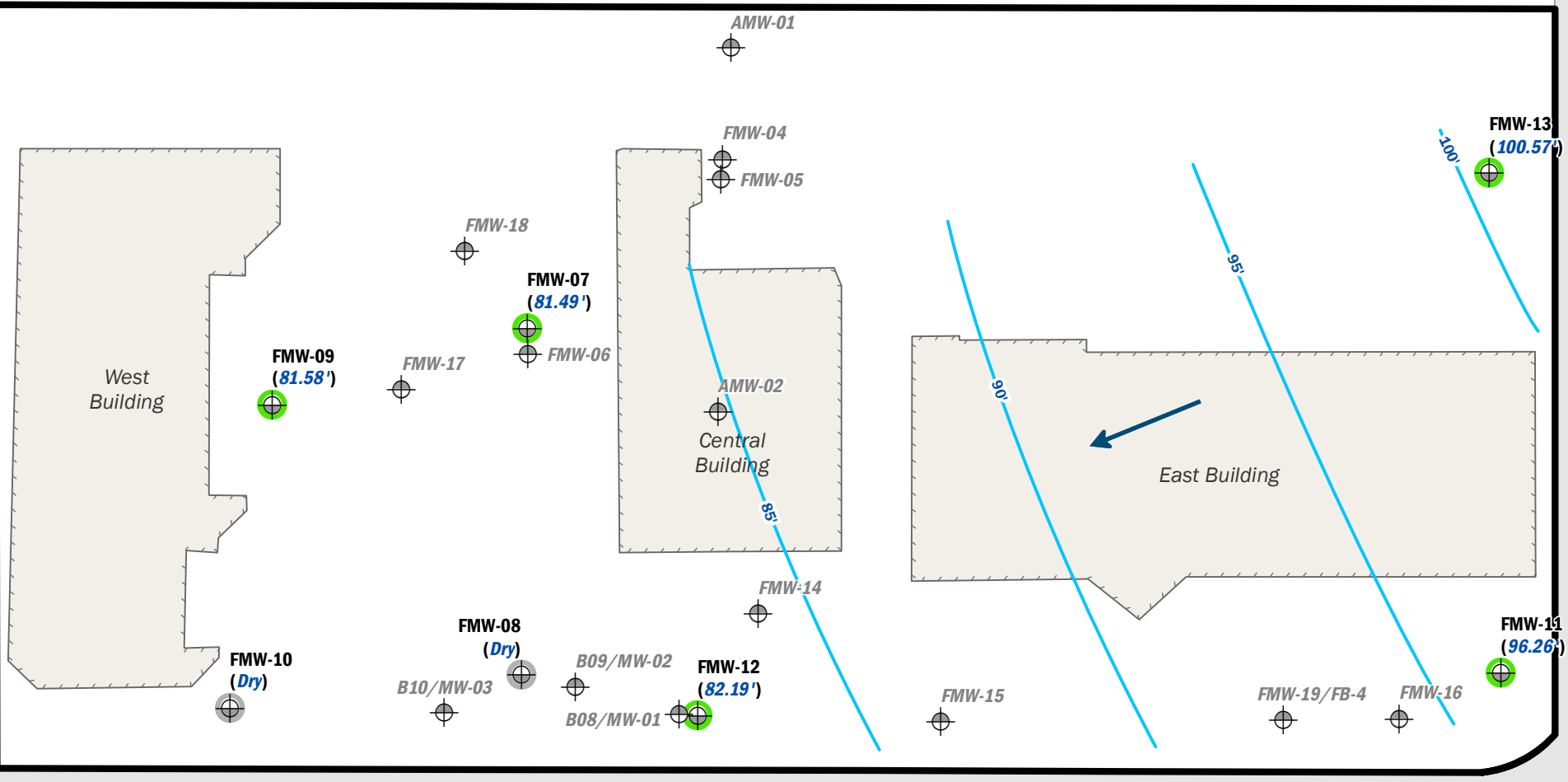
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 6b
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Results (9 to 40 ft bgs)



Deep Groundwater Results (80-90 ft bgs)



Notes:
1. Site features are approximate.
2. Chlorinated solvents tested were PCE, TCE, VC, 1,2-Cis, 1,2 Trans DCE
3. Sampling results are from May 22nd, 2019, except AMW-02 which was sampled July 26th, 2019.

- Chlorinated solvents detected at a concentration greater than the MTCA Method A cleanup level.
- Chlorinated solvents detected at concentrations less than the MTCA Method A cleanup level.
- Chlorinated solvents were not detected.
- Not sampled due to insufficient water.
- Groundwater Flow Direction
- Groundwater Contour Line (NAVD88, ft)
- Monitoring Well - Shallow
- Monitoring Well - Deep
- Subject Property

N

0 20 40
Feet

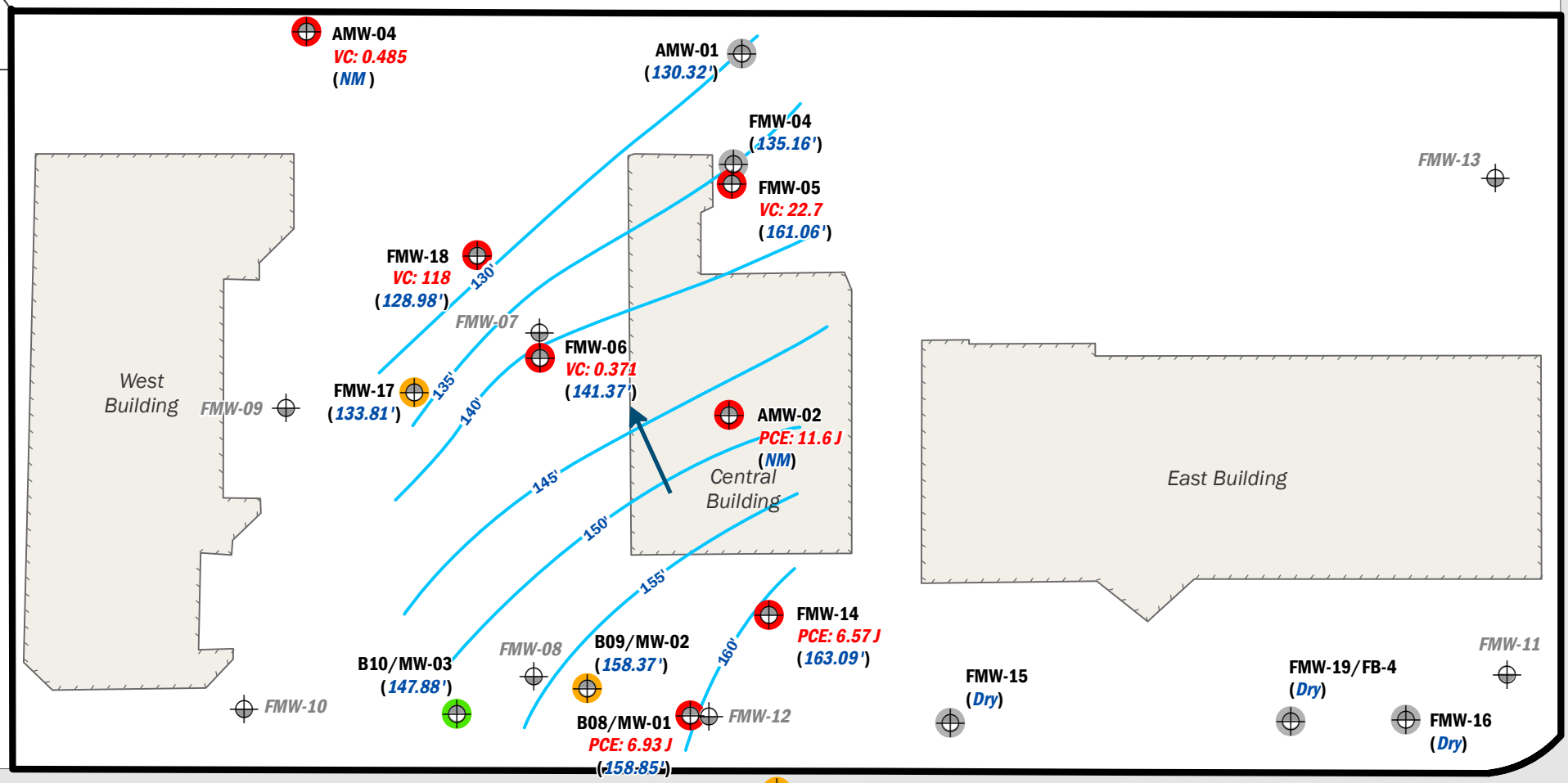
FMW-14 — Sample Name
PCE: 6.1 (161.44') — Chlorinated solvents detected at a concentration greater than the MTCA Mehod A cleanup level. (mg/Kg) — Groundwater Elevation (NAVD88, ft)

Summary of Chlorinated Solvents in Groundwater May 2019

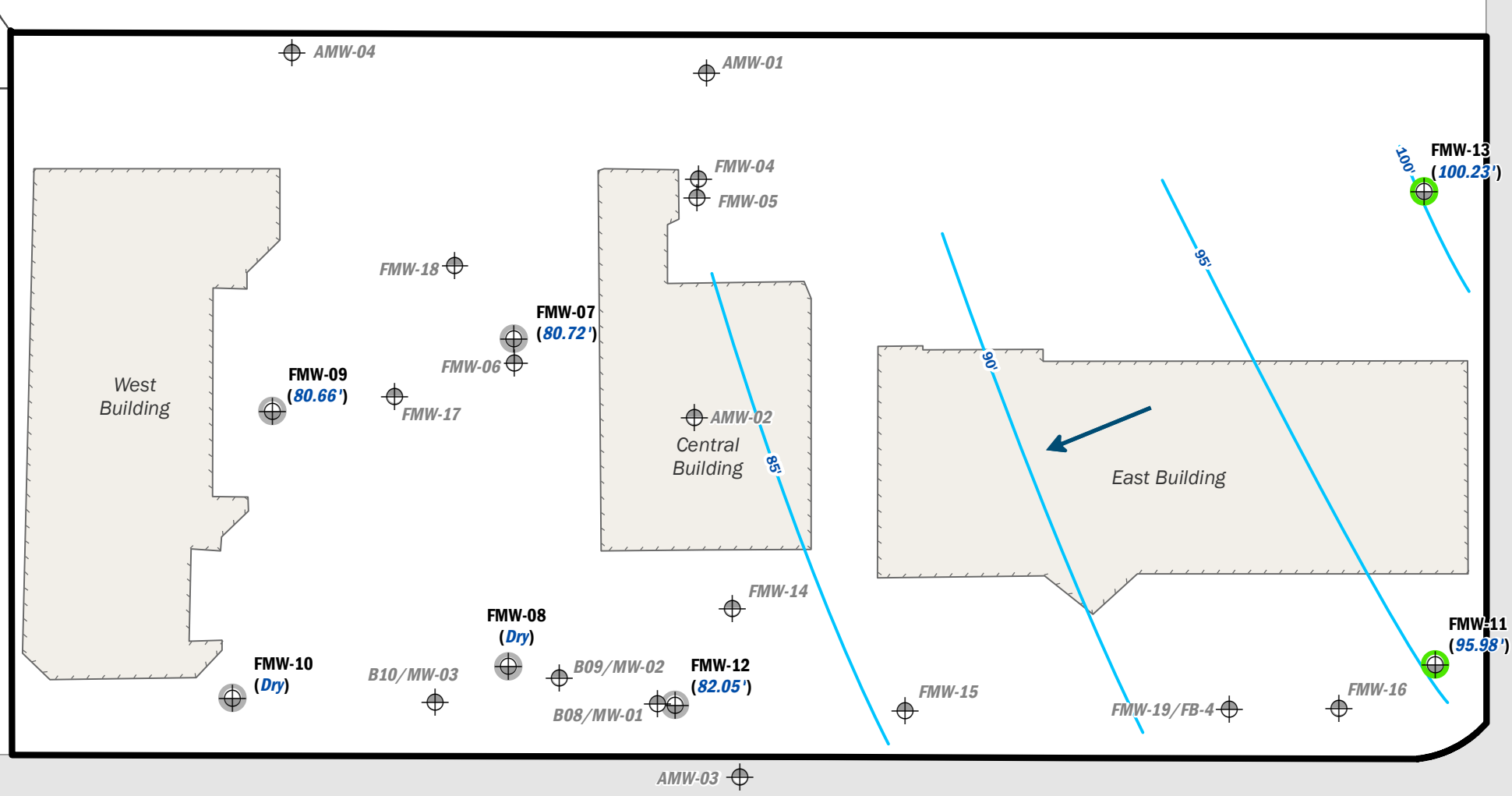
RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 7a
	PROJECT NO. 180587	REVISED BY: ---	

Shallow Groundwater Results (9 to 40 ft bgs)



Deep Groundwater Results (80-90 ft bgs)



Notes:
1. Sampling results are from samples collected between March 25th and 30th, 2021.
2. Site features are approximate.
3. MTCA Method A cleanup level for TCE: 5 ug/L 4. MTCA Method A cleanup level for VC: 0.2 ug/L.

- Chlorinated solvents detected at a concentration greater than the MTCA Method A cleanup level.
- Chlorinated solvents detected at concentrations less than the MTCA Method A cleanup level.
- Chlorinated solvents were not detected.
- Not sampled due to insufficient water.
- Groundwater Flow Direction
- Groundwater Contour Line (NAVD88, ft)
- Monitoring Well - Shallow
- Monitoring Well - Deep
- Subject Property

N

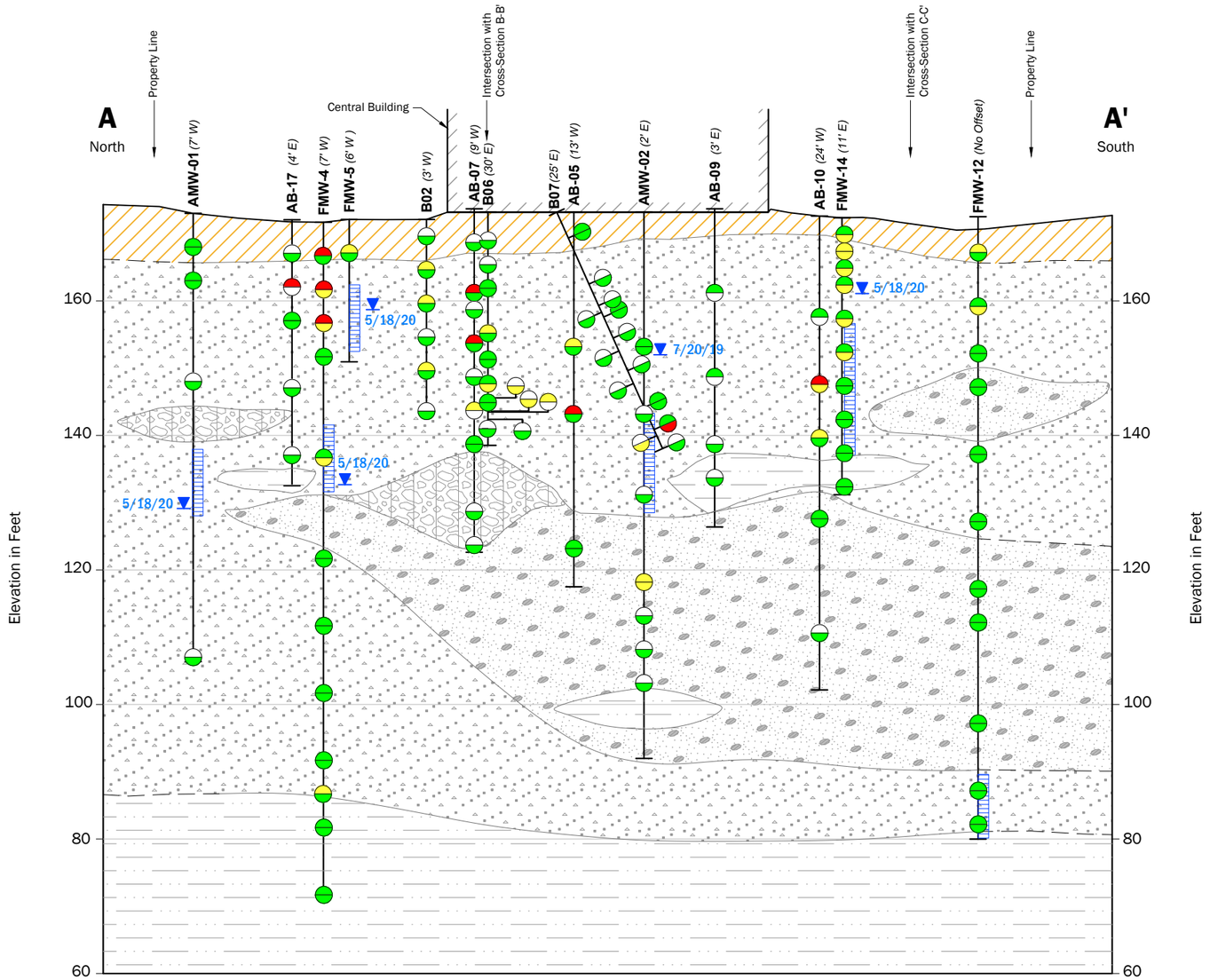
0 20 40
Feet

FMW-14
PCE: 6.1
(161.44')
- Sample Name
- Chlorinated solvents detected at a concentration greater than the MTCA Mehod A cleanup level. (mg/Kg)
- Groundwater Elevation (NAVD88, ft)

Summary of Chlorinated Solvents in Groundwater March 2021

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	MAR-2022	BY: ALC / TDR	FIGURE NO. 7b
	PROJECT NO. 180587	REVISED BY: ---	



Legend

- Silt
- Sand w/Cobbles
- Silty Sand
- Gravel
- Fill

AMW-01 (Offset 17' NW) — Boring ID

Analytical Sample Location

Petroleum Compounds (Upper Half)

Chlorinated Solvents (Lower Half)

Estimated Fill/Native Soils Contact

5/18/20 — Water Level and Date Measured

Screened Interval

Analytical Results

- Contaminants not detected
- Contaminants detected at concentrations below the MTCA Method A Cleanup Levels
- Contaminants detected at concentrations greater than the MTCA Method A Cleanup Level
- Did not sample for

Horizontal Scale: 1" = 30'
Vertical Scale: 1" = 20'
Vertical Exaggeration 1.5x

0 30 60 Feet

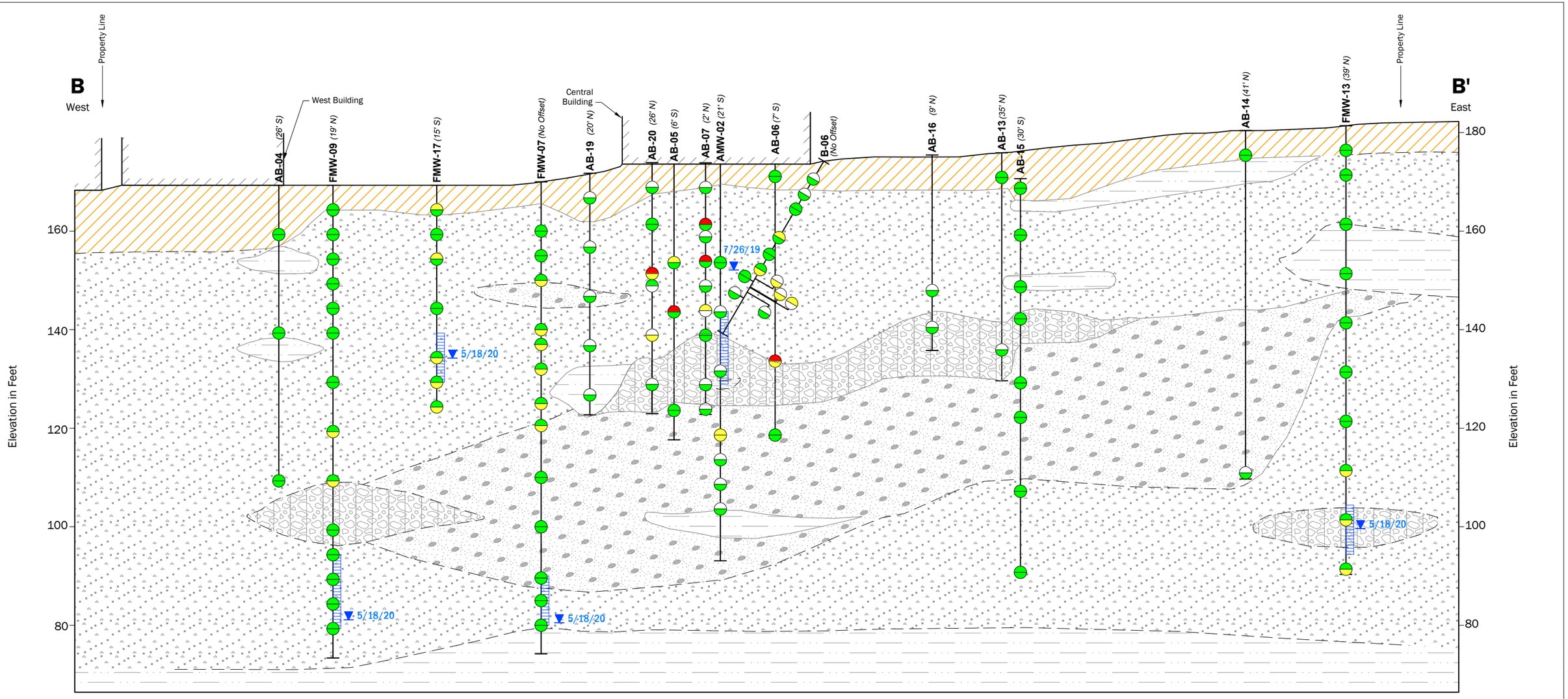
Note: Petroleum compounds include diesel and gasoline range petroleum hydrocarbons, benzene, ethylbenzene, toluene and total xylenes.

Cross-Section A-A'

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	Mar-2022	BY: KB/CMV	FIGURE NO. 8
	PROJECT NO. 180587-2.1	REVISED BY: CMV/SCC	

CAD Path: Q:\Skanska 180587\2021-04 RIFS\180587 Cross Sections AB&C.dwg || Date Saved: 3/17/2022 2:44:40 PM || User: cvanslyke



Legend

- Silt
- Sand w/Cobbles
- Silty Sand
- Gravel
- Fill

AMW-01 (Offset 17' NW) — Boring ID

Analytical Sample Location

Petroleum Compounds (Upper Half)

Chlorinated Solvents (Lower Half)

Estimated Fill/Native Soils Contact

5/18/20 — Water Level and Date Measured

Screened Interval

Analytical Results

- Contaminants not detected
- Contaminants detected at concentrations below the MTCA Method A Cleanup Levels
- Contaminants detected at concentrations greater than the MTCA Method A Cleanup Level
- Did not sample for

Horizontal Scale: 1" = 30'
Vertical Scale: 1" = 20'
Vertical Exaggeration 1.5x

0 30 60 Feet

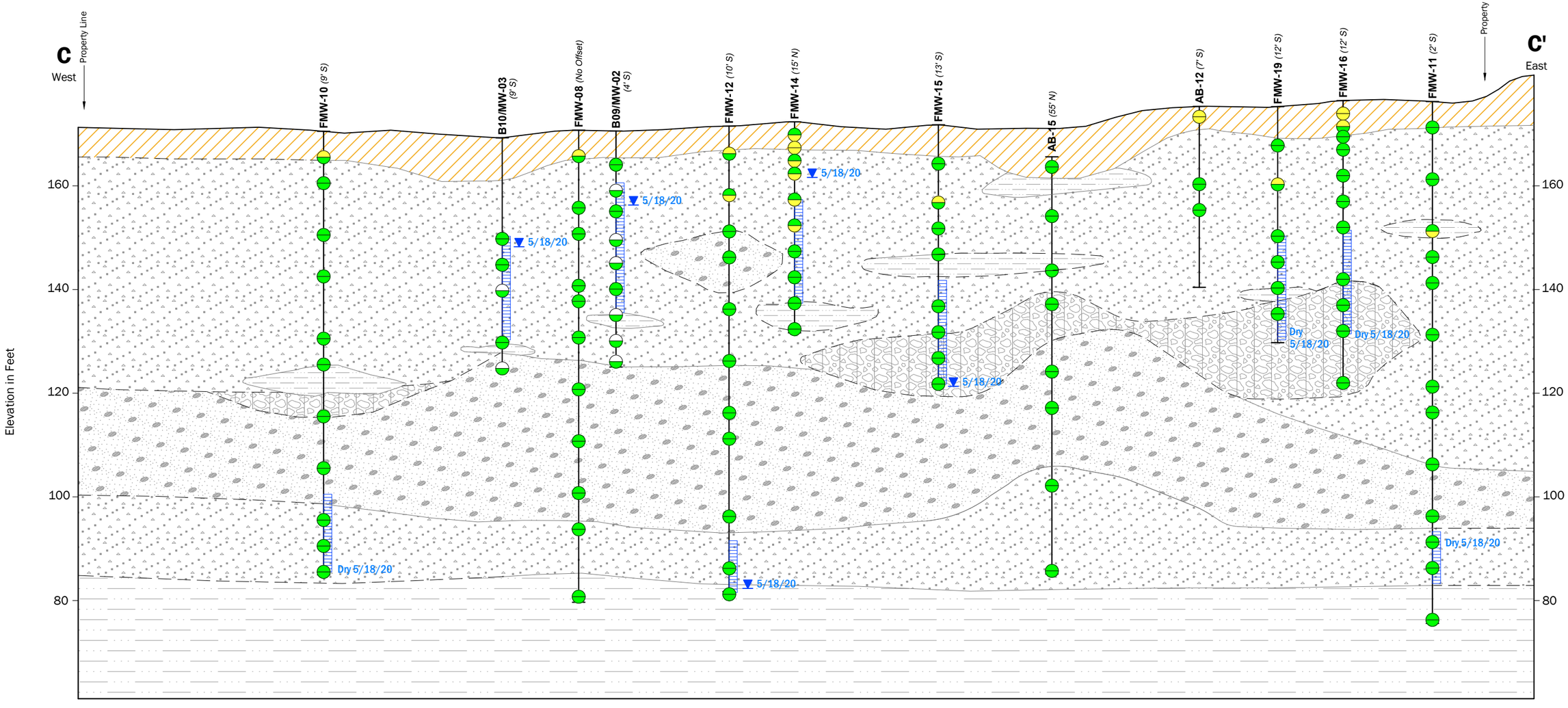
Note: Petroleum compounds include diesel and gasoline range petroleum hydrocarbons, benzene, ethylbenzene, toluene and total xylenes.

Cross-Section B-B'

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	Mar-2022	BY: KB/CMV	FIGURE NO. 9
	PROJECT NO. 180587-3-3.1	REVISED BY: SCC	

CAD Path: Q:\Skanska 180587\2021-04 RI\FS \180587-Cross Sections AB&C.dwg || Date Saved: 3/17/2022 2:44:40 PM || User: cvanslyke



Legend

- Silt
- Sand w/Cobbles
- Silty Sand
- Gravel
- Fill

AMW-01 (Offset 17' NW)

- Boring ID
- Analytical Sample Location
- Petroleum Compounds (Upper Half)
- Chlorinated Solvents (Lower Half)
- Estimated Fill/Native Soils Contact
- 5/18/20 Water Level and Date Measured
- Screened Interval

Analytical Results

- Contaminants not detected
- Contaminants detected at concentrations below the MTCA Method A Cleanup Levels
- Contaminants detected at concentrations greater than the MTCA Method A Cleanup Level
- Did not sample for

Horizontal Scale: 1" = 30'
Vertical Scale: 1" = 20'
Vertical Exaggeration 1.5x

0 30 60 Feet

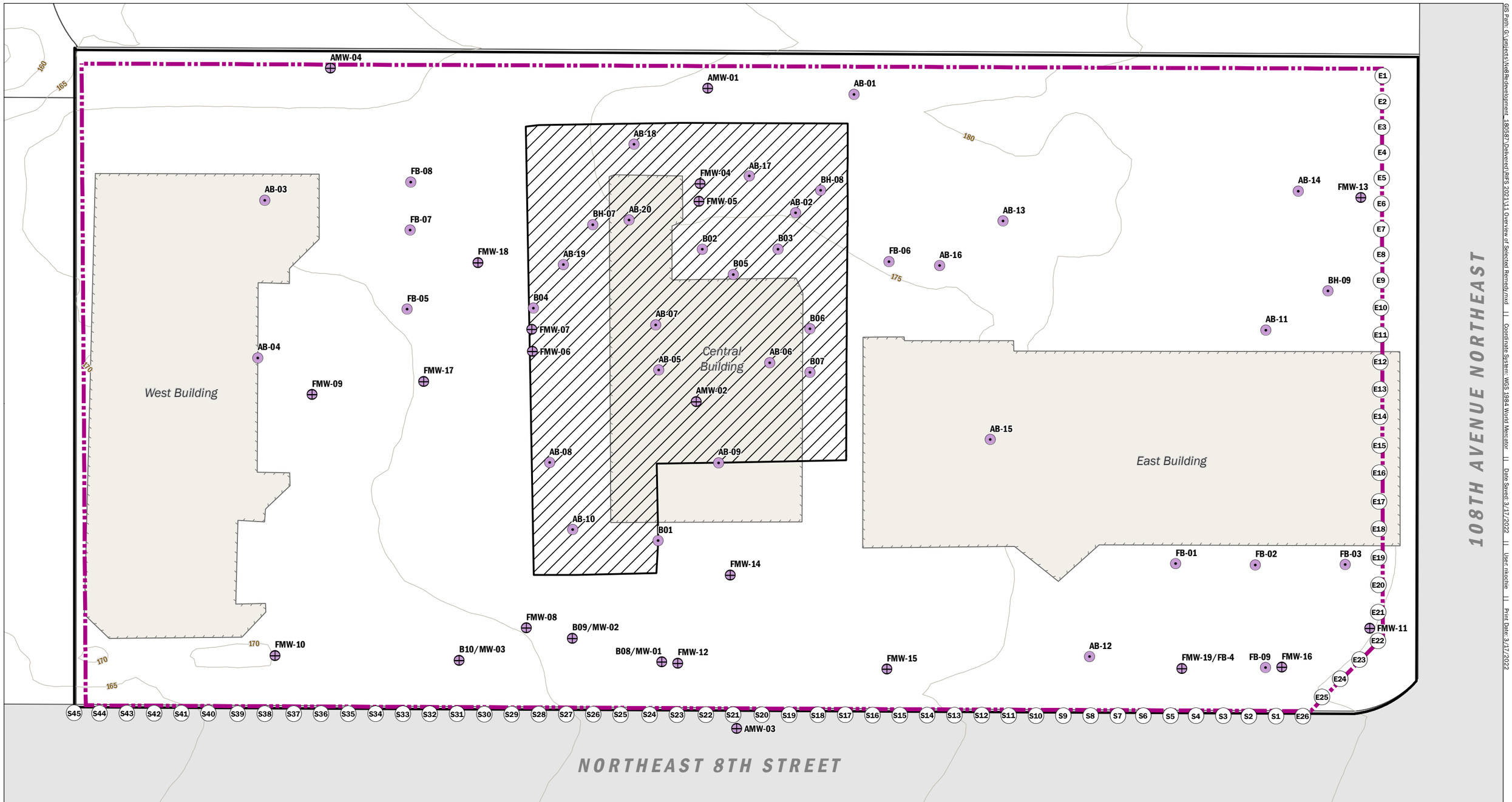
Note: Petroleum compounds include diesel and gasoline range petroleum hydrocarbons, benzene, ethylbenzene, toluene and total xylenes.

Cross-Section C-C'

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect Consulting	Mar-2022	BY: KB/CMV	FIGURE NO. 10
	PROJECT NO. 180587-3-3.1	REVISED BY: SCC	

CAD Path: Q:\Skanska 180587\2021-04 RIFS\180587 Cross Sections AB&C.dwg || Date Saved: 3/17/2022 2:44:40 PM || User: cvanslyke



Boring

Monitoring Well
Decommissioned March-April 2021

S5 Soldier Pile Used in Excavation Sample Nomenclature

Shoring Wall and Maximum Horizontal Extent of Mass Excavation

Subject Property

Anticipated estimated maximum horizontal extent of remedial excavation of soil with MTCA exceedances of PCE, TPH, or benzene.

Notes:
1. TPH = gasoline- and diesel-range petroleum hydrocarbons
2. PCE = tetrachloroethene
3. Site features are approximate.

N

0 20 40
Feet

Overview of Selected Remedy

RI/FS and CAP Report
The Eight Redevelopment
Bellevue, Washington

Aspect CONSULTING	MAR-2022	BY: ALC / NLK	FIGURE NO. 11
	PROJECT NO. 180587	REVISED BY: NLK	