

December 12, 2022

Frank P. Winslow
Toxics Cleanup Program
Washington State Department of Ecology – Central Regional Office
1250 West Alder Street
Union Gap, WA 98903

**RE: REMEDIAL INVESTIGATION/FOCUSED FEASIBILITY STUDY ADDENDUM
COMFORT SUITES PROPERTY
7200 FUN CENTER WAY
TUKWILA, WASHINGTON
FARALLON PN: 2812-001**

Dear Frank P. Winslow:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter as an addendum to the *Remedial Investigation/Focused Feasibility Study* dated October 18, 2022 prepared by Farallon on behalf of Eastwind Investments, Inc. (Eastwind) (RI/FFS) for the Comfort Suites Property at 7200 Fun Center Way in Tukwila, Washington (herein referred to as the Comfort Suites Property) (Figure 1). The Comfort Suites Property is enrolled in the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) Expedited Process and assigned Facility Site Identification (ID) No. 18434384 and VCP Project ID No. XN0027. The Comfort Suites Property is part of the cleanup site known to Ecology as the Family Fun Center Site (Cleanup Site Identification No. 385) (Figure 2). The Family Fun Center Site historically was enrolled in the VCP by the former owner, Family Fun Center Tukwila LLC. The RI/FFS was prepared with the intention of pursuing a property-specific No Further Action (NFA) determination for only the Comfort Suites Property. Ecology provided initial comments to the RI/FFS and requested additional information to support its formal review of the RI/FFS in an email dated October 31, 2022 and during a meeting between Ecology and Farallon on November 10, 2022. During the meeting, Farallon indicated that groundwater monitoring was performed at the Comfort Suites Property in August 2022; however, the data from this monitoring event was not included in the RI/FFS. This addendum provides the additional information requested by Ecology during the November 10, 2022 meeting and presents the results from additional groundwater monitoring conducted in August 2022.

ADDITIONAL INFORMATION REQUESTED BY ECOLOGY

The following information was requested by Ecology during the November 10, 2022 meeting with Farallon:

- Revised versions of RI/FFS Figures 2A and 2B showing geological cross sections of the Comfort Suites Property updated to include the depth and thickness of fill material;
- A revised version of RI/FFS Figure 3 showing the approximate locations of borings and monitoring wells constructed as part of investigations performed at the Comfort Suites Property and Family Fun Center Site;



- A revised version of RI/FFS Figure 4 showing the approximate location of the containment and capping area of the Fun Center Site presented on Figure 8 from the *Revised Cleanup Action Report, Family Fun Center Site, Tukwila, Washington* dated February 19, 2002, prepared by GeoEngineers; and
- A revised version of Tables 2 through 6 updated to indicate the parcels on which soil samples were collected and sampling locations where soil was subsequently excavated.

Farallon has revised these figures and tables as requested by Ecology. For convenience, a complete set of the RI/FFS figures and tables that includes these updates is attached.

AUGUST 2022 GROUNDWATER MONITORING

Groundwater monitoring was conducted on August 30, 2022 as a follow-up to groundwater monitoring conducted by Farallon on May 16, 2022 and to demonstrate that groundwater conditions are stable. The August 30, 2022 groundwater monitoring event included measuring depth to groundwater and collecting groundwater samples from monitoring wells FMW-01 through FMW-04 and MW-22. The monitoring wells were opened, and the water levels were allowed to equilibrate with atmospheric pressure before groundwater level measurements were obtained. Groundwater levels were measured to the surveyed reference point on the top of the monitoring well casing to an accuracy of 0.01 foot using an electric water-level meter. The depths to groundwater ranged from approximately 20.27 to 22.53 feet below ground surface. Depth-to-groundwater measurements and corresponding elevations are summarized in Table 1. Based on groundwater elevations measured on August 30, 2022, groundwater on the Comfort Suites Property flows north-northwest toward the Green River, which is consistent with the flow direction based on groundwater elevations measured on May 16, 2022.

Groundwater samples were collected using U.S. Environmental Protection Agency (EPA) low-flow protocols and analyzed for total petroleum hydrocarbons (TPH) as diesel-range organics (DRO) and oil-range organics (ORO) by Northwest Method NWTPH-Dx, and dissolved MTCA 5 metals (arsenic, cadmium, chromium, lead, and mercury) by EPA Methods 6010D/7471B. The laboratory report is included in Attachment A. A summary of the results of groundwater sampling is presented below and summarized in Tables 7 and 8.

- DRO and ORO either were not detected at the laboratory practical quantitation limit (PQL) or were detected at concentrations less than the MTCA Method A cleanup level in the groundwater samples collected from monitoring wells FMW-01 through FMW-04 and MW-22. These results are consistent with the results of groundwater sampling performed on May 16, 2022.
- Dissolved arsenic was detected at concentrations exceeding the MTCA Method A cleanup level of 5 micrograms per liter ($\mu\text{g/l}$) and the Puget Sound Basin natural background concentration of 8 $\mu\text{g/l}$ described in Ecology's Natural Background Groundwater Arsenic Concentrations in Washington State dated July 2021, revised January 2022 in the groundwater samples collected from monitoring wells FMW-01 through FMW-04 and MW-22 at concentrations ranging from 9.9 to 49 $\mu\text{g/l}$. These results are consistent with the results of groundwater sampling performed on May 16, 2022.



- Dissolved cadmium, chromium, lead, and mercury were not detected at concentrations exceeding the laboratory PQL in groundwater samples collected from monitoring wells FMW-01 through FMW-04 and MW-22. These results are consistent with the results of groundwater sampling performed on May 16, 2022.

Additional groundwater monitoring at the Comfort Suites Property is planned for the fourth quarter of 2022 and first quarter of 2023. The results of those groundwater monitoring events and conclusions will be presented to Ecology in a groundwater monitoring report anticipated in the second quarter of 2023.

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

Sincerely,

Farallon Consulting, L.L.C.

Amanda Meugniot, L.G.
Associate Geologist

Mark Havighorst, P.E.
Principal Engineer

Attachments: Figure 1, *Site Vicinity Map*
Figure 2, *Site Plan with Sample Locations and Cross Section Lines*
Figure 2A, *Cross Section A-A'*
Figure 2B, *Cross Section B-B'*
Figure 3, *Historical Features with Sample Locations*
Figure 4, *Excavation Extents*
Figure 4A, *Excavation Detail – North*
Figure 4B, *Excavation Detail – Southwest*
Figure 4C, *Excavation Detail – Southeast*
Table 1, *Groundwater Elevations*
Table 2, *Soil Analytical Results for TPH and BTEX*
Table 3, *Soil Analytical Results for PAHs*
Table 4, *Soil Analytical Results for PCBs*
Table 5, *Soil Analytical Results for Organochlorine Pesticides*
Table 6, *Soil Analytical Results for Metals*
Table 7, *Groundwater Analytical Results for TPH and BTEX*
Table 8, *Groundwater Analytical Results for Metals*
Attachment A, *Laboratory Analytical Report*

cc: Charles Lee, East Wind Investments, Inc.

AM/MH:cm

FIGURES

REMEDIAL INVESTIGATION/FOCUSED FEASIBILITY STUDY ADDENDUM COMFORT SUITES PROPERTY 7200 FUN CENTER WAY

Farallon PN: 2812-001



REFERENCE: 7.5 MINUTE USGS QUADRANGLE RENTON, WASHINGTON, DATED 2013



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FIGURE 1

SITE VICINITY MAP
2700 FUN CENTER WAY
TUKWILA, WASHINGTON

FARALLON PN: 2812-001

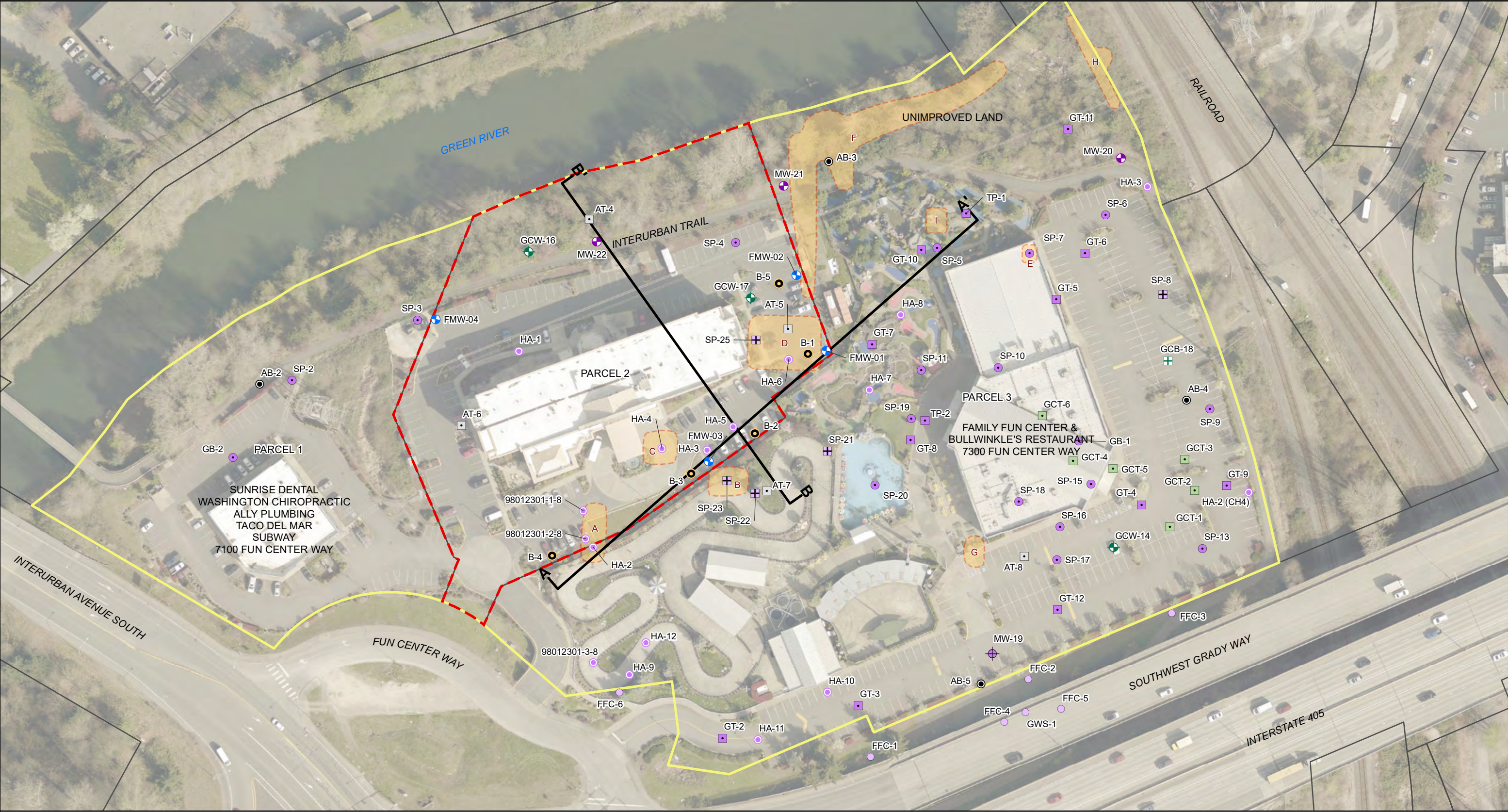
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- | | |
|--|---|
| SURFACE SOIL SAMPLE (GEOENGINEERS, 1998) | MONITORING WELL (FARALLON, 2022) |
| BORING (AEG, 2021) | MONITORING WELL (GEOENGINEERS, 2002) |
| DIRECT PUSH BORING (GEOENGINEERS, 1997) | MONITORING WELL (GEOENGINEERS, 1998) |
| DIRECT PUSH BORING (GEOTECH CONSULTANTS, 1997) | MONITORING WELL (GEOTECH CONSULTANTS, 1997) |
| BORING (GEOENGINEERS, 1997) | TEST PIT (APPLIED GEOTECHNOLOGY, 1989) |
| HAND AUGER BORING (GEOENGINEERS, 1997) | TEST PIT (GEOENGINEERS, 1997) |
| BORING (APPLIED GEOTECHNOLOGY, 1989) | TEST PIT (GEOTECH CONSULTANTS, 1997) |

- | |
|-----------------------------------|
| EXCAVATION EXTENT AND HOT SPOT ID |
| PROPERTY BOUNDARY |
| FAMILY FUN CENTER SITE BOUNDARY |
| KING COUNTY PARCEL BOUNDARY |
| CROSS-SECTION LINE |

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FIGURE 2

**SITE PLAN WITH SAMPLE LOCATIONS
AND CROSS SECTION LINES**
7200 FUN CENTER WAY
TUKWILA, WASHINGTON

FARALLON PN: 2812-001

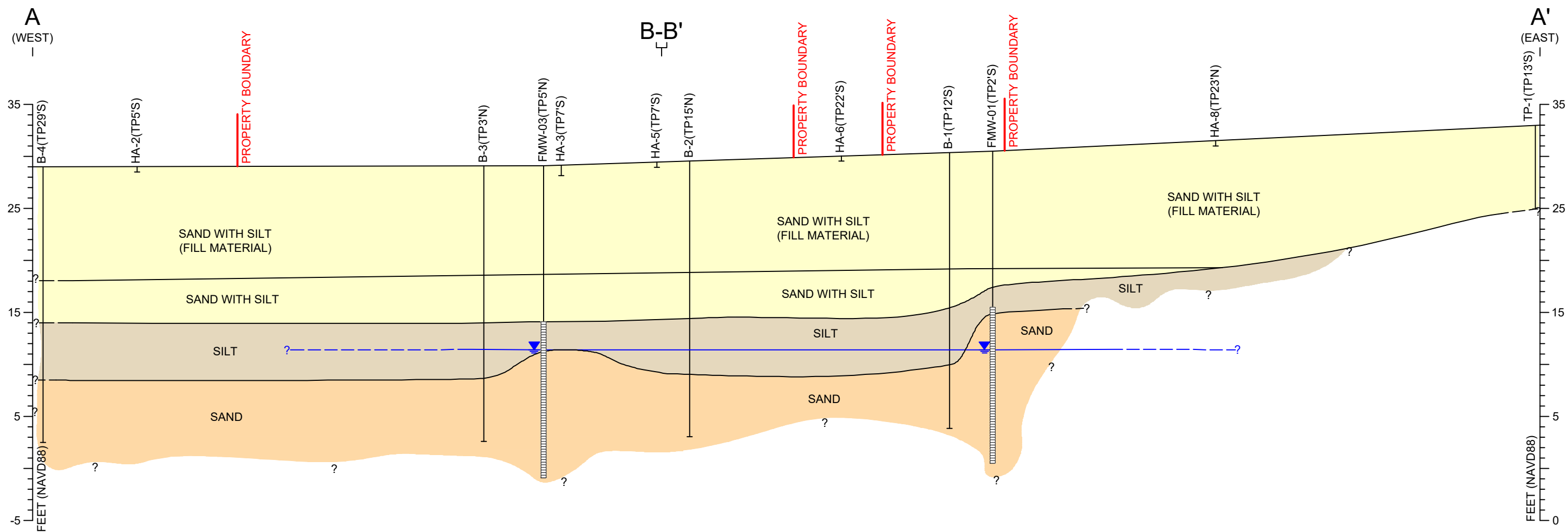
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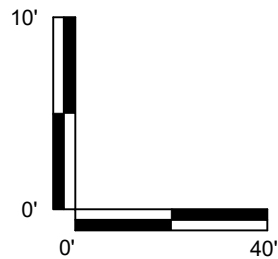
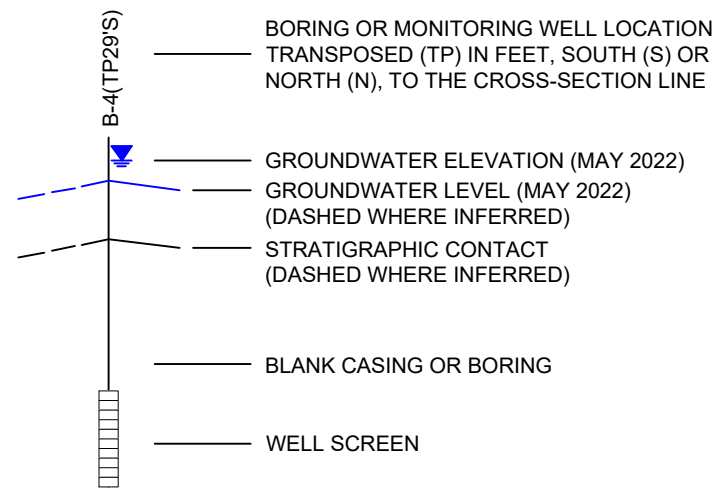
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FIGURE 2A

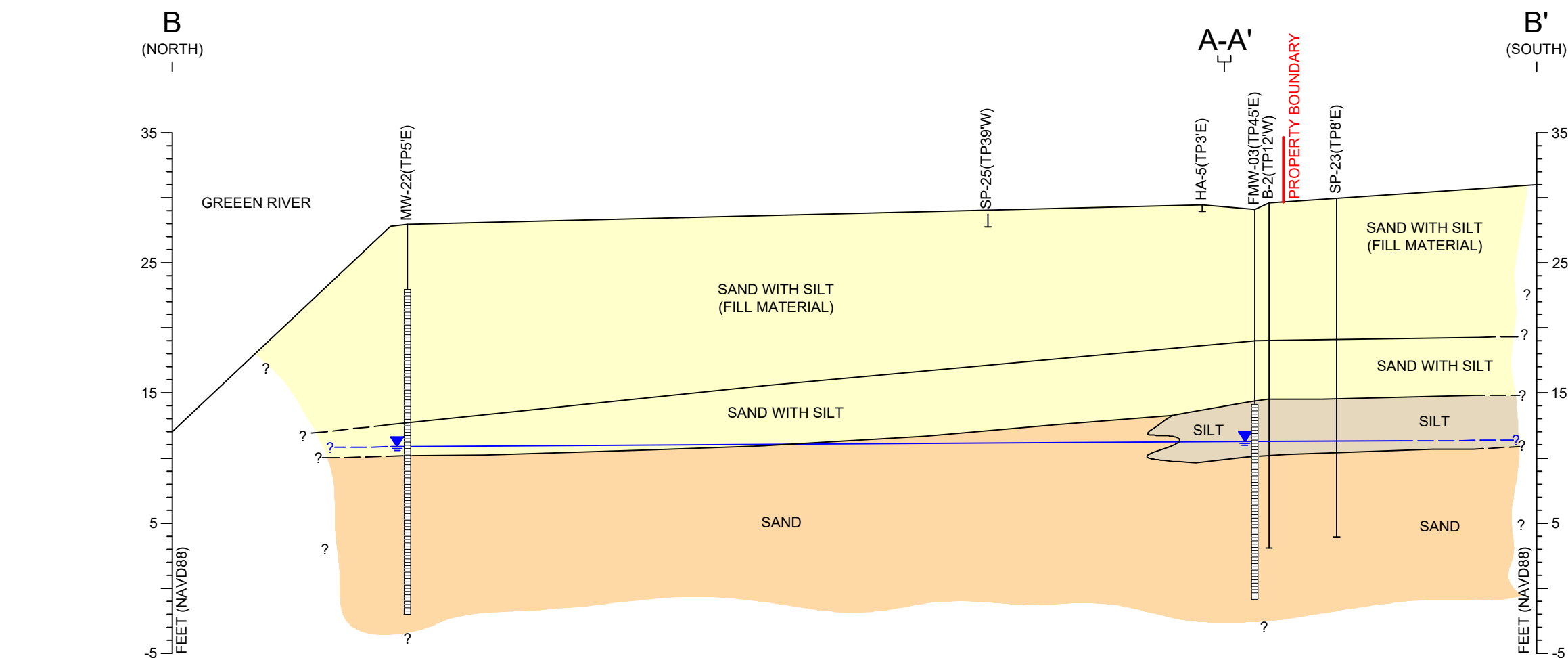
CROSS SECTION A-A'

2700 FUN CENTER WAY

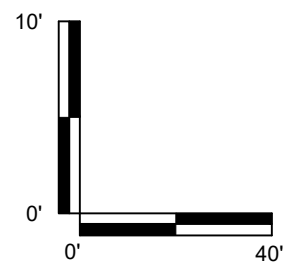
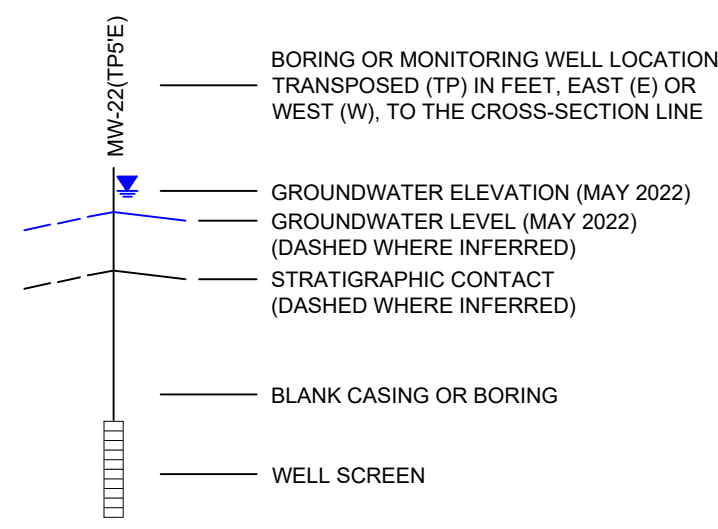
TUKWILA, WASHINGTON

FARALLON PN:2812-001


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FIGURE 2B

CROSS SECTION B-B'
2700 FUN CENTER WAY
TUKWILA, WASHINGTON



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|---|---|--|
| <ul style="list-style-type: none"> SURFACE SOIL SAMPLE (GEOENGINEERS, 1998) BORING (AEG, 2021) DIRECT PUSH BORING (GEOENGINEERS, 1997) DIRECT PUSH BORING (GEOTECH CONSULTANTS, 1997) BORING (GEOENGINEERS, 1997) HAND AUGER BORING (GEOENGINEERS, 1997) BORING (APPLIED GEOTECHNOLOGY, 1989) | <ul style="list-style-type: none"> MONITORING WELL (FARALLON, 2022) MONITORING WELL (GEOENGINEERS, 2002) MONITORING WELL (GEOENGINEERS, 1998) MONITORING WELL (GEOTECH CONSULTANTS, 1997) TEST PIT (APPLIED GEOTECHNOLOGY, 1989) TEST PIT (GEOENGINEERS, 1997) TEST PIT (GEOTECH CONSULTANTS, 1997) | <ul style="list-style-type: none"> FORMER PAD-MOUNTED TRANSFORMER FORMER POLE-MOUNTED TRANSFORMER FORMER SITE FEATURE FORMER GRAVEL ROAD PROPERTY BOUNDARY FAMILY FUN CENTER SITE BOUNDARY KING COUNTY PARCEL BOUNDARY |
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FIGURE 3

**HISTORICAL SITE FEATURES
WITH SAMPLE LOCATIONS
7200 FUN CENTER WAY
TUKWILA, WASHINGTON**

FARALLON PN: 2812-001

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- | | |
|---|--|
| ● CONFIRMATION SOIL SAMPLE (GEOENGINEERS, 1998) | ⊕ MONITORING WELL (GEOENGINEERS, 2002) |
| ● BORING (AEG, 2021) | ⊞ TEST PIT (GEOENGINEERS, 1997) |
| ● BORING (GEOENGINEERS, 1997) | ⊞ EXCAVATION EXTENT AND HOT SPOT ID |
| ● HAND AUGER BORING (GEOENGINEERS, 1997) | ⊞ PROPERTY BOUNDARY |
| ● BORING (APPLIED GEOTECHNOLOGY, 1989) | ⊞ FAMILY FUN CENTER SITE BOUNDARY |
| ⊕ MONITORING WELL (FARALLON, 2022) | ⊞ KING COUNTY PARCEL BOUNDARY |

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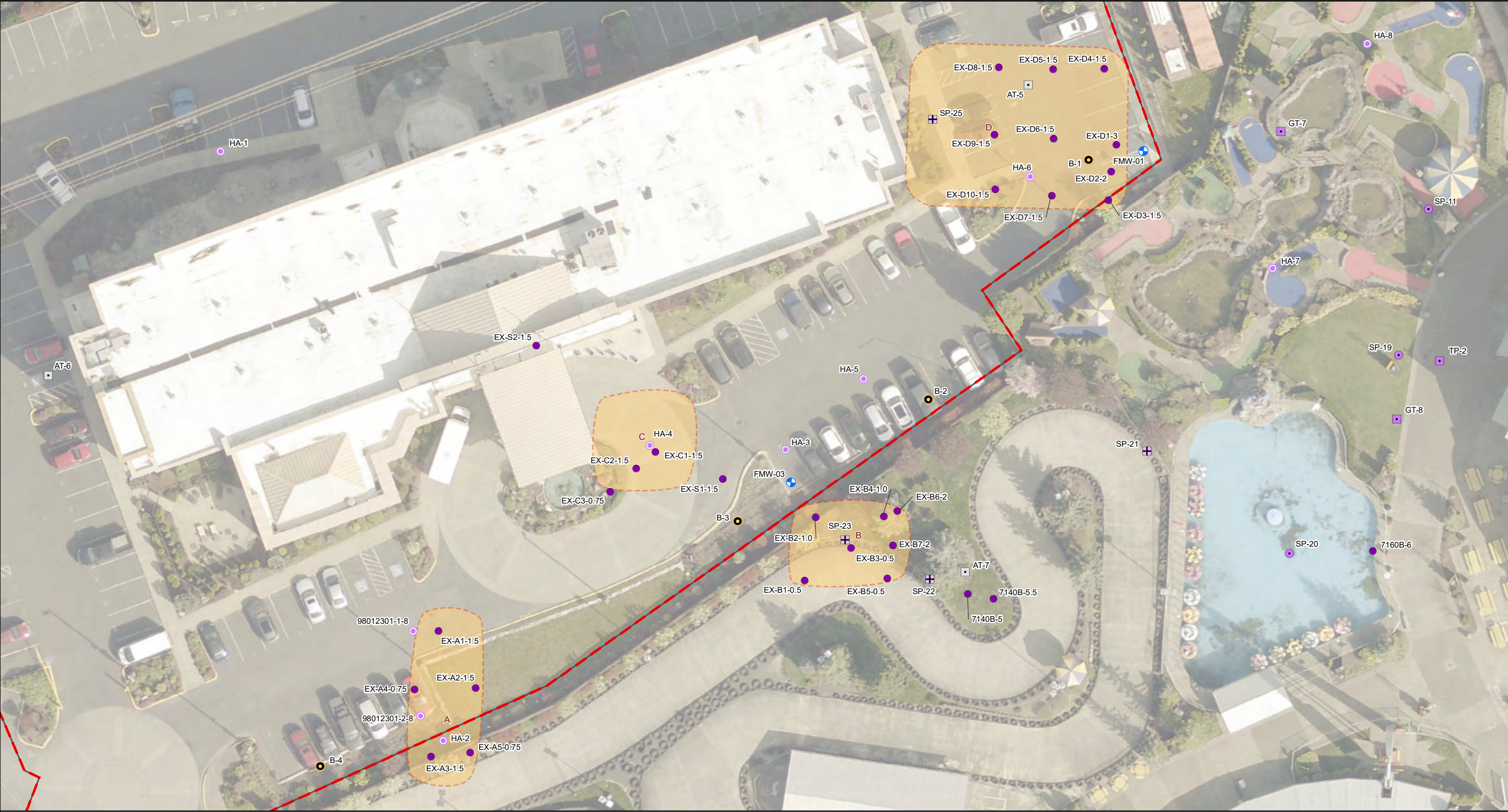
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FIGURE 4A

EXCAVATION DETAIL - NORTH
7200 FUN CENTER WAY
TUKWILA, WASHINGTON

FARALLON PN: 2812-001

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| ● CONFIRMATION SOIL SAMPLE (GEOENGINEERS, 1998) | ■ TEST PIT (APPLIED GEOTECHNOLOGY, 1989) |
| ● BORING (AEG, 2021) | ■ TEST PIT (GEOENGINEERS, 1997) |
| ⊕ DIRECT PUSH BORING (GEOENGINEERS, 1997) | A EXCAVATION EXTENT AND HOT SPOT ID |
| ● BORING (GEOENGINEERS, 1997) | ▬ PROPERTY BOUNDARY |
| ● HAND AUGER BORING (GEOENGINEERS, 1997) | ▬ FAMILY FUN CENTER SITE BOUNDARY |
| ● MONITORING WELL (FARALLON, 2022) | ▬ KING COUNTY PARCEL BOUNDARY |



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FIGURE 4B

EXCAVATION DETAIL - SOUTHWEST
7200 FUN CENTER WAY
TUKWILA, WASHINGTON

FARALLON PN: 2812-001



●

CONFIRMATION SOIL SAMPLE (GEOENGINEERS, 1998)

●

BORING (AEG, 2021)

⊕

DIRECT PUSH BORING (GEOENGINEERS, 1997)

⊕

DIRECT PUSH BORING (GEOTECH CONSULTANTS, 1997)

●

BORING (GEOENGINEERS, 1997)

○

HAND AUGER BORING (GEOENGINEERS, 1997)

●

BORING (APPLIED GEOTECHNOLOGY, 1989)

⊕

MONITORING WELL (FARALLON, 2022)

⊕

MONITORING WELL (GEOTECH CONSULTANTS, 1997)

■

TEST PIT (APPLIED GEOTECHNOLOGY, 1989)

■

TEST PIT (GEOENGINEERS, 1997)

■

TEST PIT (GEOTECH CONSULTANTS, 1997)

A

EXCAVATION EXTENT AND HOT SPOT ID

PROPERTY BOUNDARY

FAMILY FUN CENTER SITE BOUNDARY

KING COUNTY PARCEL BOUNDARY

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FIGURE 4C

EXCAVATION DETAIL - SOUTHEAST

7200 FUN CENTER WAY

TUKWILA, WASHINGTON

FARALLON PN: 2812-001

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Date: 9/22/2022

TABLES

REMEDIAL INVESTIGATION/FOCUSED FEASIBILITY STUDY ADDENDUM COMFORT SUITES PROPERTY 7200 FUN CENTER WAY

Farallon PN: 2812-001

Table 1
Groundwater Elevations
Comfort Suites Property
7200 Fun Center Way
Tukwila, Washington
Farallon PN: 2812-001

| Location | Total Depth (feet bgs) ¹ | Screened Interval (feet bgs) ¹ | Top of Casing Elevation (feet NAVD88) ² | Monitoring Date | Depth to Water (feet) ³ | Water Level Elevation (feet NAVD88) ² |
|----------|--|---|--|-----------------|---------------------------------------|--|
| MW-19 | 30 | 10 to 30 | NS | 11/20/1997 | 12.39 | --- |
| | | | | 1/26/1998 | 10.36 | --- |
| MW-20 | 30 | 10 to 30 | NS | 4/1/2002 | 19.82 | --- |
| | | | | 10/3/2002 | 23.17 | --- |
| MW-21 | 30 | 5 to 30 | NS | 4/1/2002 | 19.07 | --- |
| | | | | 10/3/2002 | 22.55 | --- |
| MW-22 | 30 | 5 to 30 | 27.63 | 4/1/2002 | 17.90 | 9.73 |
| | | | | 10/3/2002 | 21.36 | 6.27 |
| | | | | 5/16/2022 | 16.73 | 10.90 |
| | | | | 8/30/2022 | 20.27 | 7.36 |
| FMW-01 | 30 | 15 to 30 | 29.93 | 5/16/2022 | 18.60 | 11.33 |
| | | | | 8/30/2022 | 22.16 | 7.77 |
| FMW-02 | 30 | 15 to 30 | 30.11 | 5/16/2022 | 18.93 | 11.18 |
| | | | | 8/30/2022 | 22.53 | 7.58 |
| FMW-03 | 30 | 15 to 30 | 28.69 | 5/16/2022 | 17.34 | 11.35 |
| | | | | 8/30/2022 | 21.03 | 7.66 |
| FMW-04 | 30 | 15 to 30 | 28.78 | 5/16/2022 | 17.71 | 11.07 |
| | | | | 8/30/2022 | 21.53 | 7.25 |

NOTES:

--- denotes elevation not calculated

NS = not surveyed

¹ In feet below ground surface (bgs).

² In feet referenced to North American Vertical Datum of 1988 (NAVD88).

³ In feet below top of well casing.

Table 2
Soil Analytical Results for TPH and BTEX
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) | | | | | | |
|---|------------|-----------------------|----------------------------------|-------------|--|------------------|---------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | | | DRO ² | ORO ² | GRO ³ | Benzene ⁴ | Toluene ⁴ | Ethylbenzene ⁴ | Xylenes ⁴ |
| Parcel 1 | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | |
| SP-2 | GEI | SP-2-10 | 10.0 | 10/2/1997 | < 10.00 | < 25.00 | --- | --- | --- | --- | --- |
| Parcel 2 | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | |
| HA-4 | GEI | HA-4 | 0.5 | 10/6/1997 | 3,530 | < 2,530 | --- | < 0.200 | < 0.200 | < 0.200 | < 0.400 |
| HA-5 | GEI | HA-5 | 0.5 | 10/6/1997 | 566 | 2,250 | --- | --- | --- | --- | --- |
| HA-6 | GEI | HA-6 | 0.5 | 10/6/1997 | < 110 | 701 | 36.0 | < 0.200 | < 0.200 | < 0.200 | < 0.400 |
| SP-4 | GEI | SP-4-8 | 8.0 | 10/2/1997 | 15.0 | 25.4 | --- | --- | --- | --- | --- |
| SP-25 | GEI | SP-25 | 1.0 | 10/6/1997 | 6,860 | 31,700 | --- | < 0.200 | < 0.200 | < 0.200 | < 0.400 |
| 1998-1999 Cleanup Action — Excavation C - Former Auto Repair Shop/Drum Storage Area | | | | | | | | | | | |
| EX-C2-1.5 | GEI | EX-C2-1.5 | 1.5 | 5/5/1998 | < 12 | < 47 | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Excavation D - Former Oil Dump Area | | | | | | | | | | | |
| EX-D1-3 | GEI | EX-D1-3 | 3.0 | 5/5/1998 | 24 | 88 | --- | --- | --- | --- | --- |
| EX-D3-1.5 | GEI | EX-D3-1.5 | 1.5 | 5/5/1998 | 80 | 250 | --- | --- | --- | --- | --- |
| EX-D5-1.5 | GEI | EX-D5-1.5 | 1.5 | 5/5/1998 | 450 | 830 | --- | --- | --- | --- | --- |
| EX-D7-1.5 | GEI | EX-D7-1.5 | 1.5 | 5/5/1998 | 41 | 190 | --- | --- | --- | --- | --- |
| EX-D9-1.5 | GEI | EX-D9-1.5 | 1.5 | 5/5/1998 | 270 | 710 | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Slag Excavation | | | | | | | | | | | |
| EX-S1-1.5 | GEI | EX-S1-1.5 | 1.5 | 8/11/1998 | 45.0 | 96.9 | --- | --- | --- | --- | --- |
| 2022 Subsurface Investigation | | | | | | | | | | | |
| FMW-01 | Farallon | FMW-01-2.5 | 2.5 | 5/12/2022 | 26 N | 270 | --- | --- | --- | --- | --- |
| FMW-02 | Farallon | FMW-02-2.5 | 2.5 | 5/12/2022 | 35 N | 280 | --- | --- | --- | --- | --- |
| FMW-03 | Farallon | FMW-03-5.0 | 5.0 | 5/12/2022 | < 26 | < 64 | --- | --- | --- | --- | --- |
| FMW-04 | Farallon | FMW-04-2.5 | 2.5 | 5/12/2022 | 31 N | 380 | --- | --- | --- | --- | --- |
| Parcel 3 | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | |
| HA-7 | GEI | HA-7 | 0.5 | 10/6/1997 | 19.9 | < 25.00 | --- | --- | --- | --- | --- |
| HA-8 | GEI | HA-8 | 0.5 | 10/6/1997 | 24.0 | < 25.00 | --- | --- | --- | --- | --- |
| HA-11 | GEI | HA-11 | 0.5 | 10/8/1997 | < 10.00 | < 25.00 | --- | --- | --- | --- | --- |
| HA-12 | GEI | HA-12 | 0.5 | 10/8/1997 | < 10.00 | < 25.00 | --- | --- | --- | --- | --- |
| SP-5 | GEI | SP-5-18.0 | 18.0 | 10/3/1997 | 156 | 1,570 | --- | --- | --- | --- | --- |
| SP-6 | GEI | SP-6-4.0 | 4.0 | 10/3/1997 | < 10.00 | 50.6 | --- | --- | --- | --- | --- |
| SP-7 | GEI | SP-7-30 | 30.0 | 10/2/1997 | 83.7 | 310 | --- | --- | --- | --- | --- |
| SP-9 | GEI | SP-9-2.0 | 2.0 | 10/3/1997 | 44.8 | 455 | --- | --- | --- | --- | --- |
| SP-10 | GEI | SP-10 | 0.5 | 10/6/1997 | 53.6 | < 25.00 | --- | --- | --- | --- | --- |
| SP-11 | GEI | SP-11-3.0 | 3.0 | 10/3/1997 | 14.5 | 81.0 | --- | --- | --- | --- | --- |
| SP-13 | GEI | SP-13-4.0 | 4.0 | 10/3/1997 | 43.7 | 217 | --- | --- | --- | --- | --- |
| SP-15 | GEI | SP-15-1.0 | 1.0 | 10/3/1997 | 40.9 | 285 | --- | --- | --- | --- | --- |
| SP-16 | GEI | SP-16-2.0 | 2.0 | 10/3/1997 | < 10.00 | < 25.00 | --- | < 0.200 | < 0.200 | < 0.200 | < 0.400 |
| SP-17 | GEI | SP-17-2.0 | 2.0 | 10/3/1997 | < 10.00 | < 25.00 | --- | < 0.200 | < 0.200 | < 0.200 | < 0.400 |
| SP-18 | GEI | SP-18-10.0 | 10.0 | 10/3/1997 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| SP-19 | GEI | SP-19-10.0 | 10.0 | 10/3/1997 | 13.0 | 54.3 | --- | --- | --- | --- | --- |
| SP-20 | GEI | SP-20-9.0 | 9.0 | 10/3/1997 | < 10.00 | < 25.00 | --- | --- | --- | --- | --- |
| SP-21 | GEI | SP-21-1.0 | 1.0 | 10/3/1997 | 11.2 | 65.1 | --- | --- | --- | --- | --- |
| SP-22 | GEI | SP-22-9.0 | 9.0 | 10/3/1997 | < 10.00 | < 25.00 | --- | --- | --- | --- | --- |
| SP-23 | GEI | SP-23-0.5 | 0.5 | 10/3/1997 | 3,650 | 359 | 117 | --- | --- | --- | --- |
| MTCA Method A Cleanup Levels for Soil ⁵ | | | | | 2,000 | 2,000 | 30/100 ⁶ | 0.03 | 7 | 6 | 9 |

Table 2
Soil Analytical Results for TPH and BTEX
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) | | | | | | |
|---|------------|-----------------------|----------------------------------|-------------|--|------------------|---------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | | | DRO ² | ORO ² | GRO ³ | Benzene ⁴ | Toluene ⁴ | Ethylbenzene ⁴ | Xylenes ⁴ |
| Parcel 3 (continued) | | | | | | | | | | | |
| 1998 UST Removals and Supplemental Subsurface Investigation — UST No. 1 - Heating Oil Tank at Former Residence 7160 | | | | | | | | | | | |
| 7160B-6 | GEI | 7160B-6 | 6.0 | 2/25/1998 | < 10.0 | < 25.0 | --- | --- | --- | --- | --- |
| 1998 UST Removals and Supplemental Subsurface Investigation — UST Nos. 2 and 3 - Heating Oil Tanks at Former Residence 7140 | | | | | | | | | | | |
| 7140B-5 | GEI | 7140B-5.0 | 5.0 | 2/25/1998 | 13.6 | < 25.0 | --- | --- | --- | --- | --- |
| 7140EB-5.5 | GEI | 7140EB-5.5 | 5.5 | 2/25/1998 | 12.7 | < 25.0 | --- | --- | --- | --- | --- |
| 1998 UST Removals and Supplemental Subsurface Investigation — UST No. 4 - Gasoline UST | | | | | | | | | | | |
| EX-G1-7 | GEI | EX-G1-7 | 7.0 | 2/25/1998 | --- | --- | 235 | < 0.0500 | < 0.100 | < 0.0500 | 10.1 |
| EX-G2-7 | GEI | EX-G2-7 | 7.0 | 2/25/1998 | --- | --- | 37.1 | 0.101 | 0.739 | 0.0791 | 3.45 |
| EX-G3-7 | GEI | EX-G3-7 | 7.0 | 2/25/1998 | --- | --- | 1,990 | 1.16 | 55.5 | 24.5 | 208 |
| EX-G4-7 | GEI | EX-G4-7 | 7.0 | 2/25/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | 0.159 |
| B-G2-12 | GEI | B-G-12 | 12.0 | 2/25/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| 1998-1999 Cleanup Action — Excavation B - Former Auto Repair Shop | | | | | | | | | | | |
| EX-B1-0.5 | GEI | EX-B1-0.5 | 0.5 | 5/5/1998 | < 11 | < 45 | < 5.6 | < 0.028 | < 0.028 | < 0.028 | < 0.028 |
| EX-B2-1.0 | GEI | EX-B2-1.0 | 1.0 | 5/5/1998 | 22 | 58 | < 6.3 | < 0.032 | < 0.032 | < 0.032 | < 0.032 |
| EX-B3-1.0 | GEI | EX-B3-1.0 | 1.0 | 5/5/1998 | < 12 | < 47 | < 5.9 | < 0.029 | < 0.029 | < 0.029 | < 0.029 |
| EX-B4-1.0 | GEI | EX-B4-1.0 | 1.0 | 5/5/1998 | 19 | 120 | < 6.5 | < 0.032 | < 0.032 | < 0.032 | < 0.032 |
| EX-B5-0.5 | GEI | EX-B5-0.5 | 0.5 | 5/5/1998 | 25 | 70 | < 6.3 | < 0.031 | < 0.031 | < 0.031 | < 0.031 |
| 1998-1999 Cleanup Action — Excavation F - Sediment Excavation/Creosote-Impacted Soil | | | | | | | | | | | |
| EX-F1-1.5 | GEI | EX-F1-1.5 | 1.5 | 8/11/1998 | 24.7 | 98.6 | --- | --- | --- | --- | --- |
| EX-F2-1.5 | GEI | EX-F2-1.5 | 1.5 | 8/11/1998 | 34.6 | 123 | --- | --- | --- | --- | --- |
| EX-F3-2.0 | GEI | EX-F3-2.0 | 2.0 | 8/11/1998 | 31.6 | 151 | --- | --- | --- | --- | --- |
| EX-F4-6 | GEI | EX-F4-6 | 6.0 | 8/12/1998 | 36.0 | 116 | --- | --- | --- | --- | --- |
| EX-F5-4 | GEI | EX-F5-4 | 4.0 | 8/12/1998 | 68.2 | 66.7 | --- | --- | --- | --- | --- |
| EX-F6-10 | GEI | EX-F6-10 | 10.0 | 8/12/1998 | 926 | 503 | --- | --- | --- | --- | --- |
| EX-F7-1.5 | GEI | EX-F7-1.5 | 1.5 | 8/12/1998 | < 10.0 | < 25.0 | --- | --- | --- | --- | --- |
| EX-F8-10 | GEI | EX-F8-10 | 10.0 | 8/12/1998 | 13.8 | 45.5 | --- | --- | --- | --- | --- |
| EX-F9-5 | GEI | EX-F9-5 | 5.0 | 8/12/1998 | 187 | 208 | --- | --- | --- | --- | --- |
| EX-F10-5 | GEI | EX-F10-5 | 5.0 | 8/12/1998 | 54.5 | 153 | --- | --- | --- | --- | --- |
| EX-F11-1.5 | GEI | EX-F11-1.5 | 1.5 | 8/12/1998 | < 10.0 | < 25.0 | --- | --- | --- | --- | --- |
| EX-F12-2.5 | GEI | EX-F12-2.5 | 2.5 | 8/12/1998 | 26.4 | 32.3 | --- | --- | --- | --- | --- |
| EX-F13-1.5 | GEI | EX-F13-1.5 | 1.5 | 8/12/1998 | 34.9 | 93.5 | --- | --- | --- | --- | --- |
| EX-F16-12 | GEI | EX-F16-12 | 12.0 | 9/23/1998 | 160 | 236 | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Excavation H - Sediment along Eastern Property Boundary | | | | | | | | | | | |
| H1-1.5 | GEI | H1-1.5 | 1.5 | 8/25/1998 | 14.0 | 134 | --- | --- | --- | --- | --- |
| H2-1.5 | GEI | H2-1.5 | 1.5 | 8/25/1998 | 22.2 | 109 | --- | --- | --- | --- | --- |
| EX-H3-1.0 | GEI | EX-H3-1.0 | 1.0 | 9/23/1998 | 54.3 | 171 | --- | --- | --- | --- | --- |
| Excavation G - Former Gasoline UST Area | | | | | | | | | | | |
| EX-G5-7 | GEI | EX-G5-7 | 7.0 | 8/10/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| B-G2-12 | GEI | B-G2-12 | 12.0 | 8/10/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| EX-G6-7 | GEI | EX-G6-7 | 7.0 | 8/10/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| B-G3-12 | GEI | B-G3-12 | 12.0 | 8/10/1998 | --- | --- | < 5.00 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.100 |
| MTCA Method A Cleanup Levels for Soil ⁵ | | | | | 2,000 | 2,000 | 30/100 ⁶ | 0.03 | 7 | 6 | 9 |

Table 2
Soil Analytical Results for TPH and BTEX
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) | | | | | | |
|--|------------|-----------------------|----------------------------------|-------------|--|------------------|---------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | | | DRO ² | ORO ² | GRO ³ | Benzene ⁴ | Toluene ⁴ | Ethylbenzene ⁴ | Xylenes ⁴ |
| Southwest Grady Way | | | | | | | | | | | |
| Soil Placed Off the Site in City of Tukwila Property | | | | | | | | | | | |
| GWS-1 | GEI | GWS-1 | NA | 9/23/1998 | 53.2 | 254 | --- | --- | --- | --- | --- |
| FFC-1 | GEI | FFC-1 | NA | 12/21/1998 | 48.2 | 176 | --- | --- | --- | --- | --- |
| FFC-2 | GEI | FFC-2 | NA | 12/21/1998 | 41.7 | 247 | --- | --- | --- | --- | --- |
| FFC-3 | GEI | FFC-3 | NA | 12/21/1998 | 35.0 | 149 | --- | --- | --- | --- | --- |
| FFC-4 | GEI | FFC-4 | NA | 12/21/1998 | 82.2 | 631 | --- | --- | --- | --- | --- |
| FFC-5 | GEI | FFC-5 | NA | 12/21/1998 | < 10.0 | 46.2 | --- | --- | --- | --- | --- |
| FFC-6 | GEI | FFC-6 | NA | 12/21/1998 | 55.9 | 256 | --- | --- | --- | --- | --- |
| MTCA Method A Cleanup Levels for Soil ⁵ | | | | | 2,000 | 2,000 | 30/100 ⁶ | 0.03 | 7 | 6 | 9 |

NOTES:

Gray highlighting indicates location of sample has been excavated.

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

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

— denotes sample not analyzed.

¹Depth in feet below ground surface.

²Analyzed by Washington Department of Ecology Method WDOE-TPH-D or Northwest Method NWTPH-Dx.

³Analyzed by Washington Department of Ecology Method WDOE-TPH-D or Northwest Method NWTPH-Gx.

⁴Analyzed by U.S. Environmental Protection Agency Method 8020/8021/8240.

⁵Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

⁶Cleanup level is 30 milligrams per kilogram if benzene is detected and 100 milligrams per kilogram if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene and xylenes

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

Farallon = Farallon Consulting, L.L.C.

GEI = GeoEngineers, Inc.

GRO = TPH as gasoline-range organics

N = hydrocarbons in the oil-range are impacting the diesel-range result

NA = not applicable

ORO = TPH as oil-range organics

UST = underground storage tank

Table 3
Soil Analytical Results for PAHs
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) ² | | | | | | | | | | | | | | | | | | | |
|--|------------|-----------------------|----------------------------------|-------------|---|---------------------|---------------------------------|--------------------|----------------|---------------------|----------------------|--------------------|--------------------|--------------|--------------------|-------------------|--------------------|----------------------|------------------------|----------|------------------------|------------------------|--------------------------------|-----|
| | | | | | Non-Carcinogenic PAHs | | | | | | | | | | | Carcinogenic PAHs | | | | | | | | |
| | | | | | Naphthalene | 2-Methylnaphthalene | Total Naphthalenes ³ | Acenaphthene | Acenaphthylene | Anthracene | Benzo(g,h,i)Perylene | Fluoranthene | Fluorene | Phenanthrene | Pyrene | Benzo(a)Pyrene | Benzo(a)Anthracene | Benzo(b)Fluoranthene | Benzo(j,k)Fluoranthene | Chrysene | Dibenzo(a,h)Anthracene | Indeno(1,2,3-cd)Pyrene | Total cPAHs TEC ^{4,5} | |
| Parcel 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | | | | | | | | | | | |
| HA-3 | GEI | HA-3 | 0.5 | 10/6/1997 | < 0.0100 | < 0.0100 | < 0.0200 | < 0.0100 | < 0.0100 | < 0.0100 | 0.0601 | 0.0395 | < 0.0100 | 0.0232 | 0.0635 | 0.0137 | 0.0137 | 0.0249 | < 0.0100 | 0.0266 | < 0.0100 | 0.0275 | 0.022 | |
| HA-4 | GEI | HA-4 | 0.5 | 10/6/1997 | 0.216 | 2.82 | 3.036 | < 0.0800 | < 0.0800 | 0.303 | 0.483 | 1.04 | 0.169 | 0.652 | 0.897 | 0.250 | 0.553 | 0.285 | 0.111 | 0.501 | < 0.0800 | 0.140 | 0.370 | |
| HA-5 | GEI | HA-5 | 0.5 | 10/6/1997 | < 0.0200 | < 0.0200 | < 0.0400 | < 0.0200 | < 0.0200 | < 0.0200 | 0.470 | 0.0235 | < 0.0200 | < 0.0200 | 0.0587 | 0.0436 | < 0.0200 | 0.0553 | < 0.0200 | < 0.0200 | < 0.0200 | 0.101 | 0.062 | |
| HA-6 | GEI | HA-6 | 0.5 | 10/6/1997 | < 0.0100 | < 0.0100 | < 0.0200 | < 0.0100 | 0.0168 | 0.0124 | 0.0878 | < 0.0100 | < 0.0100 | 0.0154 | 0.105 | 0.0241 | < 0.0100 | 0.0256 | < 0.0100 | 0.0446 | < 0.0100 | 0.0709 | 0.036 | |
| SP-25 | GEI | SP-25 | 1.0 | 10/6/1997 | < 0.167 | < 0.167 | < 0.334 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.167 | < 0.13 | |
| Parcel 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1998 UST Removals and Supplemental Subsurface Investigation — UST No. 4 - Gasoline UST | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-G3-7 | GEI | EX-G3-7 | 7.0 | 2/25/1998 | 14.0 | --- | 14.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parcel 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1998-1999 Cleanup Action — Excavation F - Sediment Excavation/Creosote-Impacted Soil | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-F13-12 | GEI | EX-F13-12 | 12.0 | 10/8/1998 | < 0.0200 | --- | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.015 | |
| EX-F14-15 | GEI | EX-F14-15 | 15.0 | 10/8/1998 | < 0.0200 | --- | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | < 0.015 | |
| EX-F15-12 | GEI | EX-F15-12 | 12.0 | 10/8/1998 | < 0.0200 | --- | < 0.0200 | < 0.0200 | < 0.0200 | < 0.0200 | 0.0291 | 0.0200 | < 0.0200 | < 0.0200 | 0.0655 | 0.0236 | < 0.0200 | 0.0218 | < 0.0200 | < 0.0200 | < 0.0200 | 0.0218 | 0.031 | |
| EX-F16-12 | GEI | EX-F16-12 | 12.0 | 9/23/1998 | 0.171 | --- | 0.171 | 0.161 | 0.834 | 0.417 | 1.63 | 3.25 | 0.256 | 1.51 | 4.77 | 2.41 | 1.51 | 2.82 | 0.768 | 1.50 | 0.218 | 1.73 | 3.10 | |
| EX-F17-15 | GEI | EX-F17-15 | 15.0 | 12/7/1998 | 0.0653 | --- | 0.0653 | < 0.0500 | 0.178 | 0.0914 | 0.270 | 0.235 | < 0.0500 | 0.178 | 0.400 | 0.231 | 0.178 | 0.244 | 0.0609 | 0.144 | < 0.0500 | 0.270 | 0.310 | |
| EX-F18-12 | GEI | EX-F18-12 | 12.0 | 12/7/1998 | < 0.0500 | --- | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.038 | |
| EX-F19-18 | GEI | EX-F19-18 | 18.0 | 1/21/1999 | < 0.0100 | --- | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | 0.0234 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0100 | < 0.0076 | |
| 1998-1999 Cleanup Action — Excavation I - Creosote-Treated Timbers in Detention Pond Excavation | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-I1-5 | GEI | EX-I1-5 | 5.0 | 10/8/1998 | < 0.0500 | --- | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | 0.0755 | < 0.0500 | 0.0666 | 0.102 | < 0.0500 | < 0.0500 | 0.0533 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | 0.041 | |
| MTCA Method A Cleanup Level for Soil ⁶ | | | | | | | 5 | 4,800 ⁷ | NE | 24,000 ⁷ | NE | 3,200 ⁷ | 3,200 ⁷ | NE | 2,400 ⁷ | | | | | | | | 0.1 | |
| MTCA Method B Levels for Soil Protective of Groundwater Vadose @ 13 Degrees Celsius ⁷ | | | | | 4.5 | NE | NE | 49 | NE | 1,100 | NE | 630 | 51 | NE | 330 | | | | | | | | 3.9 | |
| MTCA Method B Levels for Soil Protective of Groundwater Saturated ⁷ | | | | | 0.24 | NE | NE | 2.5 | NE | 57 | NE | 32 | 2.6 | NE | 16 | | | | | | | | 0.2 | |

NOTES:

Gray highlighting indicates location of sample has been excavated.

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

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8270.

³Sum of naphthalene and 2-methylnaphthalene.

⁴Total cPAHs derived using the total toxicity equivalency method in Section 708(8) of Chapter 173-340 of the Washington Administrative Code.

⁵For concentrations reported at less than the laboratory reporting limit, half the reporting limit was used to calculate the TEC.

⁶Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013, unless otherwise noted.

⁷Washington State Cleanup Levels and Risk Calculations (CLARC) under Washington State MTCA, Standard Method B Formula Values for Soil from CLARC Master spreadsheet, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>

cPAHs = carcinogenic polycyclic aromatic hydrocarbons

GEI = GeoEngineers, Inc.

NA = not applicable

NE = not established

PAHs = polycyclic aromatic hydrocarbons

TEC = toxic equivalent concentration

Table 4
Soil Analytical Results for PCBs
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) ² | | | | | | | | | |
|---|------------|-----------------------|----------------------------------|-------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| | | | | | Aroclor 1016 | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 | Aroclor 1262 | Aroclor 1268 | Total PCBs |
| Parcel 2 | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | |
| HA-1 | GEI | HA-1 | 0.5 | 10/6/1997 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.45 |
| HA-2 | GEI | HA-2 | 0.5 | 10/6/1997 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.45 |
| Parcel 3 | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | |
| SP-15 | GEI | SP-15-1.0 | 1.0 | 10/3/1997 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.45 |
| SP-21 | GEI | SP-21-1.0 | 1.0 | 10/3/1997 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.0500 | < 0.45 |
| MTCA Method A Cleanup Level for Soil ³ | | | | | | | | | | | | | | 1.0 |

NOTES:

Gray highlighting indicates location of sample has been excavated.

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

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8081.

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

GEI = GeoEngineers, Inc.

PCB = polychlorinated biphenyl

Table 5
Soil Analytical Results for Organochlorine Pesticides
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) ² | | | | | | | | | | | Analytical Results (milligrams per kilogram) ² | | | | | | | | | | |
|---|------------|-----------------------|----------------------------------|-------------|---|------------|------------|------------|---------------------|-----------------|-----------------|-----------|-----------|-----------|----------------|---|--------------|---------------|--------------------|-----------|-----------------|---------------|------------|--------------------|--------------|-----------|
| | | | | | Aldrin | alpha-BHC | beta-BHC | delta-BHC | gamma-BHC (Lindane) | alpha-Chlordane | gamma-Chlordane | Chlordane | 4,4'-DDD | 4,4'-DDE | 4,4'-DDT | Dieldrin | Endosulfan I | Endosulfan II | Endosulfan Sulfate | Endrin | Endrin Aldehyde | Endrin Ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Toxaphene |
| Parcel 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HA-1 | GEI | HA-1 | 0.5 | 10/6/1997 | < 0.00100 | < 0.000500 | < 0.000900 | < 0.000600 | < 0.00100 | < 0.000800 | 0.00169 | < 0.00100 | 0.00553 | < 0.00100 | < 0.00100 | < 0.00200 | < 0.00100 | < 0.00200 | < 0.00100 | < 0.00200 | < 0.00200 | -- | < 0.00100 | < 0.00100 | < 0.00400 | < 0.0500 |
| HA-2 | GEI | HA-2 | 0.5 | 10/6/1997 | < 0.00100 | < 0.000500 | < 0.000900 | < 0.000600 | < 0.00100 | 0.0496 | 0.0464 | 0.738 | < 0.00100 | < 0.00100 | 0.00936 | 0.00516 | < 0.00100 | < 0.00200 | < 0.00100 | < 0.00200 | < 0.00200 | --- | < 0.00100 | < 0.00100 | < 0.00400 | < 0.0500 |
| 1998-1999 Cleanup Action — Excavation A - Former Pesticide Storage Area | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-A1-1.5 | GEI | EX-A1-1.5 | 1.5 | 5/5/1998 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | --- | --- | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0020 | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0039 | < 0.0020 | < 0.0020 | < 0.20 | < 0.39 |
| EX-A2-1.5 | GEI | EX-A2-1.5 | 1.5 | 5/5/1998 | < 0.0019 | < 0.0019 | < 0.0019 | < 0.0019 | < 0.0019 | --- | --- | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0019 | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0038 | < 0.0019 | < 0.0019 | < 0.019 | < 0.038 |
| EX-A4-0.75 | GEI | EX-A4-0.75 | 0.75 | 5/5/1998 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | < 0.0020 | --- | --- | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0020 | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0040 | < 0.0020 | < 0.0020 | < 0.20 | < 0.40 |
| Parcel 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1998-1999 Cleanup Action — Excavation A - Former Pesticide Storage Area | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EX-A3-1.5 | GEI | EX-A3-1.5 | 1.5 | 5/5/1998 | < 0.0018 | < 0.0018 | < 0.0018 | < 0.0018 | < 0.0018 | --- | --- | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0018 | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0036 | < 0.0018 | < 0.0018 | < 0.18 | < 0.36 |
| EX-A5-0.75 | GEI | EX-A5-0.75 | 0.75 | 5/5/1998 | < 0.0019 | < 0.0019 | < 0.0019 | < 0.0019 | < 0.0019 | --- | --- | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0019 | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0037 | < 0.0019 | < 0.0019 | < 0.19 | < 0.37 |
| MTCA Cleanup Levels for Soil ³ | | | | | 0.059 | 0.16 | 0.56 | NE | 0.01 ⁴ | 40 | 40 | 2.9 | 2.4 | 2.9 | 3 ⁴ | 0.063 | 480 | 480 | 24 | NE | NE | 0.22 | 0.11 | 400 | 0.91 | |

NOTES:

Gray highlighting indicates location of sample has been excavated.

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

--- denotes sample not analyzed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency Method 8081.

³Washington State Cleanup Levels and Risk Calculations (CLARC) under Washington State Model Toxics Control Act Cleanup Regulation (MTCA), Standard Method B Formula Values for Soil from CLARC Master spreadsheet, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>, unless otherwise noted.

⁴Washington State MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

BHC = hexachlorocyclohexane
DDD = dichlorodiphenyldichloroethane
DDE = dichlorodiphenyldichloroethylene
DDT = dichlorodiphenyltrichloroethane
GEI = GeoEngineers, Inc.
NE = not established

Table 6
Soil Analytical Results for Metals
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) ² | | | | | | | | | | | | | |
|--|------------|-----------------------|----------------------------------|-------------|---|---------|---------------------|------------------|---------|----------|--------------------|--------|----------|--------------------|------------------|------------------|-------------------|---------------------|
| | | | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Copper | Lead | Mercury | Nickel | Selenium | Silver | Thallium | Zinc |
| Parcel 2 | | | | | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | | | | | |
| HA-3 | GEI | HA-3 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 48.0 | < 0.250 | 0.715 | 23.6 | 41.2 | 127 | 0.119 | 37.8 | < 7.50 | < 1.00 | < 10.0 | 138 |
| HA-4 | GEI | HA-4 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 36.0 | < 0.250 | 0.664 | 12.6 | 29.2 | 146 | 0.0535 | 18.0 | < 7.50 | < 1.00 | < 10.0 | 120 |
| HA-5 | GEI | HA-5 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 58.3 | < 0.250 | < 0.250 | 24.0 | 28.1 | 71.8 | 0.0841 | 71.5 | < 7.50 | < 1.00 | < 10.0 | 90.9 |
| SP-4 | GEI | SP-4-8 | 8.0 | 10/2/1997 | < 5.00 | < 10.0 | 49.0 | < 0.250 | < 0.250 | 34.3 | 10.6 | 10.4 | < 0.0500 | 22.5 | < 7.50 | < 1.0 | < 10.0 | 37.5 |
| SP-25 | GEI | SP-25 | 1.0 | 10/6/1997 | < 5.00 | < 10.0 | 48.1 | < 0.250 | < 0.250 | 17.6 | 12.1 | < 10.0 | 0.0575 | 22.6 | < 7.50 | < 1.00 | < 10.0 | 27.5 |
| 1998 UST Removals and Supplemental Subsurface Investigation | | | | | | | | | | | | | | | | | | |
| 98012301-1 | GEI | 98012301-1-8 | 8.0 | 11/20/1997 | --- | 7.69 | --- | --- | --- | --- | --- | 168 | --- | --- | --- | --- | --- | --- |
| 98012301-2 | GEI | 98012301-2-8 | 8.0 | 11/20/1997 | --- | 4.5 | --- | --- | --- | --- | --- | 6.14 | --- | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Slag Excavation | | | | | | | | | | | | | | | | | | |
| EX-S3-2.0 | GEI | EX-S3-2.0 | 2.0 | 8/15/1998 | < 0.500 | 2.27 | 56.8 | < 0.500 | < 0.500 | 22.0 | 18.8 | 23.6 | < 0.100 | 27.6 | < 0.500 | < 0.500 | < 0.500 | 38.5 |
| 2021 Phase II Environmental Site Assessment | | | | | | | | | | | | | | | | | | |
| B-1 | AEG | B1-21 | 21.0 | 2/19/2021 | --- | 14 | --- | --- | < 1.0 | 8.1 | --- | 9.0 | < 0.5 | --- | --- | --- | --- | --- |
| B-2 | AEG | B2-21 | 21.0 | 2/19/2021 | --- | 12 | --- | --- | < 1.0 | < 5.0 | --- | 7.8 | < 0.5 | --- | --- | --- | --- | --- |
| B-3 | AEG | B3-21 | 21.0 | 2/19/2021 | --- | 5.6 | --- | --- | < 1.0 | < 5.0 | --- | < 5.0 | < 0.5 | --- | --- | --- | --- | --- |
| B-4 | AEG | B4-21 | 21.0 | 2/19/2021 | --- | < 5.0 | --- | --- | < 1.0 | < 5.0 | --- | < 5.0 | < 0.5 | --- | --- | --- | --- | --- |
| B-5 | AEG | B5-6 | 6.0 | 2/19/2021 | --- | 31 | --- | --- | 1.1 | 28 | --- | 150 | < 0.5 | --- | --- | --- | --- | --- |
| 2022 Subsurface Investigation | | | | | | | | | | | | | | | | | | |
| FMW-01 | Farallon | FMW-01-16.0 | 16.0 | 5/12/2022 | --- | < 13 | --- | --- | < 0.67 | 18 | --- | < 6.7 | < 0.34 | --- | --- | --- | --- | --- |
| FMW-02 | Farallon | FMW-02-18.0 | 18.0 | 5/12/2022 | --- | < 12 | --- | --- | < 0.61 | 14 | --- | < 6.1 | < 0.31 | --- | --- | --- | --- | --- |
| FMW-02 | Farallon | FMW-02-7.0 | 7.0 | 5/12/2022 | --- | < 12 | --- | --- | < 0.59 | 32 | --- | 27 | < 0.29 | --- | --- | --- | --- | --- |
| FMW-03 | Farallon | FMW-03-17.0 | 17.0 | 5/12/2022 | --- | < 13 | --- | --- | < 0.64 | 6.1 | --- | < 6.4 | < 0.32 | --- | --- | --- | --- | --- |
| FMW-04 | Farallon | FMW-04-15.0 | 15.0 | 5/12/2022 | --- | < 14 | --- | --- | < 0.68 | 15 | --- | < 6.8 | < 0.34 | --- | --- | --- | --- | --- |
| Parcel 3 | | | | | | | | | | | | | | | | | | |
| 1997 Phase II Environmental Site Assessment | | | | | | | | | | | | | | | | | | |
| HA-9 | GEI | HA-9 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 19.1 | < 0.250 | < 0.250 | 18.9 | 62.3 | 15.1 | 0.0628 | 23.7 | < 7.50 | < 1.00 | < 10.0 | 55.2 |
| HA-10 | GEI | HA-10 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 63.4 | < 0.250 | < 0.250 | 14.2 | 24.9 | < 10.0 | 0.103 | 11.9 | < 7.50 | < 1.00 | < 10.0 | 60.2 |
| SP-7 | GEI | SP-7-30 | 30.0 | 10/2/1997 | < 5.00 | < 10.0 | 281 | < 0.250 | < 0.250 | 1,150 | 77.4 | 134 | < 0.0500 | 131 | < 7.50 | 2.17 | < 10.0 | 103 |
| SP-9 | GEI | SP-9-2.0 | 2.0 | 10/3/1997 | < 5.00 | < 10.0 | 42.9 | < 0.250 | < 0.250 | 17.0 | 23.1 | 26.0 | 0.0842 | 17.9 | < 7.50 | < 1.00 | < 10.0 | 55.7 |
| SP-10 | GEI | SP-10 | 0.5 | 10/6/1997 | < 5.00 | < 10.0 | 49.4 | < 0.250 | < 0.250 | 41.0 | 22.8 | 19.1 | 0.0814 | 18.2 | < 7.50 | < 1.00 | < 10.0 | 47.8 |
| SP-11 | GEI | SP-11-3.0 | 3.0 | 10/3/1997 | < 5.00 | < 10.0 | 31.1 | < 0.250 | < 0.250 | 12.5 | 13.8 | < 10.0 | 0.0645 | 10.0 | < 7.50 | < 1.00 | < 10.0 | 30.1 |
| SP-15 | GEI | SP-15-1.0 | 1.0 | 10/3/1997 | < 5.00 | < 10.0 | 38.8 | < 0.250 | < 0.250 | 15.4 | 17.8 | 15.7 | 0.0860 | 15.5 | < 7.50 | < 1.00 | < 10.0 | 38.6 |
| SP-21 | GEI | SP-21-1.0 | 1.0 | 10/3/1997 | < 5.00 | < 10.0 | 40.6 | < 0.250 | < 0.250 | 9.63 | 13.7 | 18.2 | 0.0538 | 8.94 | < 7.50 | < 1.00 | < 10.0 | 33.9 |
| SP-23 | GEI | SP-23-0.5 | 0.5 | 10/3/1997 | < 5.00 | 30.4 | --- | < 0.250 | < 0.250 | 196 | 290 | 85.5 | < 0.0500 | 2,720 | < 7.50 | < 1.00 | < 10.0 | 46.0 |
| 1998 UST Removals and Supplemental Subsurface Investigation | | | | | | | | | | | | | | | | | | |
| 98012301-3 | GEI | 98012301-3-8 | 8.0 | 11/20/1997 | --- | 3.67 | --- | --- | --- | --- | --- | 6.31 | --- | --- | --- | --- | --- | --- |
| MTCA Cleanup Levels for Soil ³ | | | | | 32 ⁴ | 20 | 16,000 ⁴ | 160 ⁴ | 2 | 2,000 | 3,200 ⁴ | 250 | 2 | 1,600 ⁴ | 400 ⁴ | 400 ⁴ | 0.80 ⁴ | 24,000 ⁴ |
| MTCA Method B Cleanup Levels for Soil Protective of Groundwater Vadose @ 13 Degrees Celsius ⁵ | | | | | 5.4 | 2.9 | 1,600 | 63 | 0.69 | 480,000 | 280 | 3,000 | 2.1 | 130 | 5.2 | 14 | 0.23 | 6,000 |
| MTCA Method B Cleanup Levels for Soil Protective of Groundwater Saturated ⁵ | | | | | 0.27 | 0.15 | 83 | 3.2 | 0.035 | 24,000 | 14 | 150 | 0.1 | 6.5 | 0.26 | 0.69 | 0.011 | 300 |

Table 6
Soil Analytical Results for Metals
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Identification | Sample Depth (feet) ¹ | Sample Date | Analytical Results (milligrams per kilogram) ² | | | | | | | | | | | | | |
|--|------------|-----------------------|----------------------------------|-------------|---|---------|---------------------|------------------|---------|----------|--------------------|-------|---------|--------------------|------------------|------------------|-------------------|---------------------|
| | | | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Copper | Lead | Mercury | Nickel | Selenium | Silver | Thallium | Zinc |
| Parcel 3 (continued) | | | | | | | | | | | | | | | | | | |
| 1998-1999 Cleanup Action — Excavation B - Former Auto Repair Shop | | | | | | | | | | | | | | | | | | |
| EX-B1-0.5 | GEI | EX-B1-0.5 | 0.5 | 5/5/1998 | < 3.0 | 4.2 | 52 | < 0.30 | < 0.30 | 8.6 | 16 | 15 | < 0.11 | 8.7 | < 0.60 | < 0.61 | < 0.30 | 84 |
| EX-B2-1.0 | GEI | EX-B2-1.0 | 1.0 | 5/5/1998 | < 3.4 | 11 | 96 | < 0.34 | 0.40 | 13 | 28 | 110 | 0.27 | 11 | < 0.69 | < 0.69 | < 0.35 | 110 |
| EX-B3-1.0 | GEI | EX-B3-1.0 | 1.0 | 5/5/1998 | < 3.2 | 3.8 | 58 | < 0.32 | < 0.32 | 11 | 20 | 25 | < 0.11 | 9.5 | < 0.64 | < 0.63 | < 0.32 | 55 |
| EX-B4-1.0 | GEI | EX-B4-1.0 | 1.0 | 5/5/1998 | < 3.5 | 13 | 400 | 0.59 | 1.00 | 30 | 51 | 570 | 0.15 | 16 | < 1.8 | < 0.71 | < 0.35 | 180 |
| EX-B5-0.5 | GEI | EX-B5-0.5 | 0.5 | 5/5/1998 | < 3.3 | 10 | 300 | 0.33 | 0.87 | 15 | 47 | 210 | 0.13 | 21 | < 0.64 | < 0.67 | < 0.32 | 290 |
| EX-B6-2 | GEI | EX-B6-2 | 2.0 | 8/10/1998 | --- | --- | --- | --- | --- | --- | --- | 6.26 | --- | --- | --- | --- | --- | --- |
| EX-B7-2 | GEI | EX-B7-2 | 2.0 | 8/10/1998 | --- | --- | --- | --- | --- | --- | --- | 3.75 | --- | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Excavation E - Chromium Hot Spot | | | | | | | | | | | | | | | | | | |
| EX-E1-15.5 | GEI | EX-E1-15.5 | 15.5 | 10/8/1998 | --- | --- | --- | --- | --- | 95.9 | --- | --- | --- | --- | --- | --- | --- | --- |
| EX-E2-14.0 | GEI | EX-E2-14.0 | 14.0 | 10/8/1998 | --- | --- | --- | --- | --- | 97.1 | --- | --- | --- | --- | --- | --- | --- | --- |
| 1998-1999 Cleanup Action — Excavation F - Sediment Excavation/Creosote-Impacted Soil | | | | | | | | | | | | | | | | | | |
| EX-F6-10 | GEI | EX-F6-10 | 10.0 | 8/12/1998 | < 0.500 | 8.68 | --- | < 0.500 | < 0.500 | 10.6 | 21.6 | 41.9 | 0.128 | 34.7 | < 0.500 | 1.16 | < 0.500 | 37.5 |
| EX-F13-12 | GEI | EX-F13-12 | 12.0 | 10/8/1998 | < 0.500 | 5.82 | --- | < 0.500 | < 0.500 | 38.4 | 38.0 | 40.8 | 0.116 | 37.6 | < 0.500 | < 0.500 | < 0.500 | 65.7 |
| EX-F14-15 | GEI | EX-F14-15 | 15.0 | 10/8/1998 | < 0.500 | 5.45 | --- | < 0.500 | < 0.500 | 12.1 | 30.5 | 16.7 | 0.103 | 11.3 | < 0.500 | < 0.500 | < 0.500 | 54.2 |
| EX-F15-12 | GEI | EX-F15-12 | 12.0 | 10/8/1998 | < 0.500 | 3.65 | --- | < 0.500 | < 0.500 | 22.8 | 40.0 | 23.9 | < 0.100 | 25.7 | < 0.500 | < 0.500 | < 0.500 | 46.7 |
| EX-F16-12 | GEI | EX-F16-12 | 12.0 | 9/23/1998 | < 0.500 | 3.14 | --- | < 0.500 | < 0.500 | 25.2 | 28.9 | 8.66 | 0.128 | 24.2 | < 0.500 | < 0.500 | < 0.500 | 43.0 |
| 1998-1999 Cleanup Action — Excavation I - Creosote-Treated Timbers in Detention Pond Excavation | | | | | | | | | | | | | | | | | | |
| EX-I1-5 | GEI | EX-I1-5 | 5.0 | 10/8/1998 | < 0.500 | 3.70 | --- | < 0.500 | 0.543 | 22.9 | 25.3 | 24.5 | < 0.100 | 25.3 | < 0.500 | < 0.500 | < 0.500 | 45.5 |
| MTCA Cleanup Levels for Soil ³ | | | | | 32 ⁴ | 20 | 16,000 ⁴ | 160 ⁴ | 2 | 2,000 | 3,200 ⁴ | 250 | 2 | 1,600 ⁴ | 400 ⁴ | 400 ⁴ | 0.80 ⁴ | 24,000 ⁴ |
| MTCA Method B Cleanup Levels for Soil Protective of Groundwater Vadose @ 13 Degrees Celsius ⁵ | | | | | 5.4 | 2.9 | 1,600 | 63 | 0.69 | 480,000 | 280 | 3,000 | 2.1 | 130 | 5.2 | 14 | 0.23 | 6,000 |
| MTCA Method B Cleanup Levels for Soil Protective of Groundwater Saturated ⁵ | | | | | 0.27 | 0.15 | 83 | 3.2 | 0.035 | 24,000 | 14 | 150 | 0.1 | 6.5 | 0.26 | 0.69 | 0.011 | 300 |

NOTES:

Gray highlighting indicates location of sample has been excavated.

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

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

--- denotes sample not analyzed.

¹Depth in feet below ground surface.

²Analyzed by U.S. Environmental Protection Agency 6000/7000 series methods.

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

⁴Washington State Department of Ecology Cleanup Levels and Risk Calculations under MTCA Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>

⁵Washington State Cleanup Levels and Risk Calculations under the MTCA Standard Method B Formula Values for Soil from CLARC Master spreadsheet, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>

AEG = Associated Environmental Group, LLC

Farallon = Farallon Consulting, L.L.C.

GEI = GeoEngineers, Inc.

UST = underground storage tank

Table 7
Groundwater Analytical Results for TPH and BTEX
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Date | Sample Identification | Analytical Results (micrograms per liter) | | | | | | | |
|--|------------|-------------|-----------------------|---|------------------|----------------------------------|------------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | | DRO ¹ | ORO ¹ | TPH ¹ (C10 to C36) | GRO ² | Benzene ³ | Toluene ³ | Ethylbenzene ³ | Xylenes ³ |
| Reconnaissance Boring Groundwater Samples | | | | | | | | | | | |
| SP-2 | GEI | 10/2/1997 | SP-2 | < 250 | < 750 | --- | --- | --- | --- | --- | --- |
| SP-3 | GEI | 10/2/1997 | SP-3 | < 250 | < 750 | --- | --- | --- | --- | --- | --- |
| SP-4 | GEI | 10/2/1997 | SP-4 | < 250 | < 750 | --- | < 50.00 | < 1.00 | 1.32 | < 1.00 | < 2.00 |
| SP-5 | GEI | 10/3/1997 | SP-5 | < 250 | < 750 | --- | < 50.00 | < 1.00 | < 1.00 | < 1.00 | < 2.00 |
| SP-18 | GEI | 10/3/1997 | SP-18 | --- | --- | --- | < 50.00 | --- | --- | --- | --- |
| SP-19 | GEI | 10/3/1997 | SP-19 | 982 | 1,350 | --- | --- | --- | --- | --- | --- |
| SP-23 | GEI | 10/3/1997 | SP-23 | 448 | < 750 | --- | 58.9 | --- | --- | --- | --- |
| Monitoring Well Groundwater Samples | | | | | | | | | | | |
| GCW-16 | GEI | 10/8/1997 | GCW-16 | < 250 | < 500 | --- | < 50.00 | --- | --- | --- | --- |
| MW-20 | GEI | 4/1/2002 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 10/3/2002 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 4/14/2004 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 7/15/2004 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 11/4/2004 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 1/19/2005 | MW-20 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| MW-21 | GEI | 4/1/2002 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 10/3/2002 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 4/14/2004 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 7/15/2004 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 11/4/2004 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 1/19/2005 | MW-21 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| MW-22 | GEI | 4/1/2002 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 10/3/2002 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 4/14/2004 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 7/15/2004 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 11/4/2004 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | GEI | 1/19/2005 | MW-22 | < 130 | < 250 | --- | < 50.0 | < 1.00 | < 1.00 | < 1.00 | < 3.00 |
| | Farallon | 5/16/2022 | MW-22-051622 | --- | --- | < 270 | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | MW-22-083022 | < 160 | < 220 | --- | --- | --- | --- | --- | --- |
| MTCA Method A Cleanup Level for Groundwater ⁴ | | | | 500 | 500 | 500 | 800/1,000 ⁵ | 5 | 1,000 | 700 | 1,000 |

Table 7
Groundwater Analytical Results for TPH and BTEX
Comfort Suites Property
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Date | Sample Identification | Analytical Results (micrograms per liter) | | | | | | | |
|--|------------|-------------|-----------------------|---|------------------|----------------------------------|------------------------|----------------------|----------------------|---------------------------|----------------------|
| | | | | DRO ¹ | ORO ¹ | TPH ¹ (C10 to C36) | GRO ² | Benzene ³ | Toluene ³ | Ethylbenzene ³ | Xylenes ³ |
| Monitoring Well Groundwater Samples (continued) | | | | | | | | | | | |
| FMW-01 | Farallon | 5/16/2022 | FMW-01-051622 | --- | --- | 490 | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-01-083022 | < 170 | < 230 | --- | --- | --- | --- | --- | --- |
| FMW-02 | Farallon | 5/16/2022 | FMW-02-051622 | --- | --- | 380 | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-02-083022 | 180 | < 210 | --- | --- | --- | --- | --- | --- |
| FMW-03 | Farallon | 5/16/2022 | FMW-03-051622 | --- | --- | < 280 | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-03-083022 | 180 | 260 | --- | --- | --- | --- | --- | --- |
| FMW-04 | Farallon | 5/16/2022 | FMW-04-051622 | --- | --- | < 280 | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-04-083022 | < 170 | < 220 | --- | --- | --- | --- | --- | --- |
| MTCA Method A Cleanup Level for Groundwater ⁴ | | | | 500 | 500 | 500 | 800/1,000 ⁵ | 5 | 1,000 | 700 | 1,000 |

NOTES:

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

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

--- denotes sample not analyzed.

¹Analyzed by Washington Department of Ecology Method WDOE-TPH-D or Northwest Method NWTPH-Dx.

²Analyzed by Washington Department of Ecology Method WDOE-TPH-D or Northwest Method NWTPH-Gx.

³Analyzed by U.S. Environmental Protection Agency Method 8021/8240.

⁴Washington State Model Toxics Control Act Cleanup Regulation Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

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

BTEX = benzene, toluene, ethylbenzene, and xylenes

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

GEI = GeoEngineers, Inc.

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

TPH (C10 to C36) = total petroleum hydrocarbons quantified as a single product within the carbon range of C10 to C36 (diesel- and oil-range)

Table 8
Groundwater Analytical Results for Metals
Comfort Suites Property
7200 Fun Center Way
Tukwila, Washington
Farallon PN: 2812-001

| Sample Location | Sampled By | Sample Date | Sample Identification | Analytical Results (micrograms per liter) ¹ | | | | | | | | | | | | | | Analytical Results (micrograms per liter) ¹ | | | | | | | | | | | | | |
|--|------------|-------------|-----------------------|--|--------------------|---------------|-------------------|--------------------|------------------|-----------------|---------------------|---------------|-------------------|----------------|--------------------|------------------|------------------|--|----------------|---------------|-------------------|------------------|------------------|-----------------|--------------------|-----------------|------------------|-------------------|--------------------|--------------------|----------------|
| | | | | Total Antimony | Dissolved Antimony | Total Arsenic | Dissolved Arsenic | Total Barium | Dissolved Barium | Total Beryllium | Dissolved Beryllium | Total Cadmium | Dissolved Cadmium | Total Chromium | Dissolved Chromium | Total Copper | Dissolved Copper | Total Lead | Dissolved Lead | Total Mercury | Dissolved Mercury | Total Nickel | Dissolved Nickel | Total Selenium | Dissolved Selenium | Total Silver | Dissolved Silver | Total Thallium | Dissolved Thallium | Total Zinc | Dissolved Zinc |
| | | | | Reconnaissance Boring Groundwater Samples | | | | | | | | | | | | | | Reconnaissance Boring Groundwater Samples | | | | | | | | | | | | | |
| SP-2 | GEI | 10/2/1997 | SP-2 | < 100 | --- | < 4.00 | --- | < 10.0 | | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 200 | --- | < 20.0 | --- |
| SP-3 | GEI | 10/2/1997 | SP-3 | < 100 | --- | < 4.00 | --- | 16.5 | | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 200 | --- | 172 | --- |
| SP-4 | GEI | 10/2/1997 | SP-4 | < 100 | --- | 69.4 | --- | 19.6 | | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 200 | --- | < 20.0 | --- |
| SP-5 | GEI | 10/3/1997 | SP-5 | < 100 | --- | 68.4 | --- | 54.2 | | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 200 | --- | < 20.0 | --- |
| SP-18 | GEI | 10/3/1997 | SP-18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | < 100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SP-19 | GEI | 10/3/1997 | SP-19 | --- | < 100 | --- | < 4.00 | --- | 38.3 | --- | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 2.00 | --- | < 20.0 |
| SP-23 | GEI | 10/3/1997 | SP-23 | --- | < 100 | --- | < 4.00 | --- | 13.3 | --- | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | 59.4 | --- | < 5.00 | --- | < 20.0 | --- | < 2.00 | --- | < 20.0 |
| B-1 | AEG | 2/19/2021 | B1-W | --- | --- | 150 | --- | --- | --- | --- | --- | 4 | --- | 21 | --- | --- | --- | 150 | --- | < 0.100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B-2 | AEG | 2/19/2021 | B2-W | --- | --- | 47 | --- | --- | --- | --- | --- | 10 | --- | < 5.0 | --- | --- | --- | 79 | --- | < 0.100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B-3 | AEG | 2/19/2021 | B3-W | --- | --- | 88 | --- | --- | --- | --- | --- | 4.1 | --- | 13 | --- | --- | --- | 84 | --- | < 0.100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B-4 | AEG | 2/19/2021 | B4-W | --- | --- | 72 | --- | --- | --- | --- | --- | 1.5 | --- | < 5.0 | --- | --- | --- | 15 | --- | < 0.100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | Monitoring Well Groundwater Samples | | | | | | | | | | | | | | Monitoring Well Groundwater Samples | | | | | | | | | | | | | |
| GCW-16 | GEI | 10/8/1997 | GCW-16 | < 100 | --- | 6.60 | --- | 42.3 | | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | 35.0 | --- | < 20.0 | --- | < 200 | --- | < 20.0 | --- |
| MW-19 | GEI | 11/20/1997 | MW-19 | --- | < 100 | --- | < 4.00 | --- | --- | --- | < 5.00 | --- | < 5.00 | --- | < 10.0 | --- | < 30.0 | --- | < 2.00 | --- | < 1.00 | --- | < 30.0 | --- | < 5.00 | --- | < 20.0 | --- | < 2.00 | --- | < 20.0 |
| | GEI | 1/23/1998 | MW-19 | --- | --- | --- | < 1.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-20 | GEI | 4/1/2002 | MW-20 | --- | --- | 33 | 25 | --- | --- | --- | --- | --- | --- | < 10 | < 10 | --- | --- | 7 | < 4 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 10/3/2002 | MW-20 | --- | --- | 72 | 55 | --- | --- | --- | --- | --- | --- | < 10 | < 10 | --- | --- | < 3 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 4/14/2004 | MW-20 | --- | --- | 20 | < 5 | --- | --- | --- | --- | --- | --- | 9 | < 7 | --- | --- | 7 | < 3 | --- | --- | 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 7/15/2004 | MW-20 | --- | --- | 40 | 26 | --- | --- | --- | --- | --- | --- | 62 | < 7 | --- | --- | 58 | < 3 | --- | --- | 400 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 11/4/2004 | MW-20 | --- | --- | 20 | 11 | --- | --- | --- | --- | --- | --- | 76 | 10 | --- | --- | 68 | 17 | --- | --- | 100 | 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 1/19/2005 | MW-20 | --- | --- | 15 | 10 | --- | --- | --- | --- | --- | --- | 45 | < 7 | --- | --- | 20 | < 3 | --- | --- | 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| MW-21 | GEI | 4/1/2002 | MW-21 | --- | --- | 170 | 77 | --- | --- | --- | --- | --- | --- | 10 | < 10 | --- | --- | < 4 | < 4 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 10/3/2002 | MW-21 | --- | --- | 62 | 41 | --- | --- | --- | --- | --- | --- | < 10 | < 10 | --- | --- | < 3 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 4/14/2004 | MW-21 | --- | --- | 21 | 9 | --- | --- | --- | --- | --- | --- | 100 | < 7 | --- | --- | 4 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 7/15/2004 | MW-21 | --- | --- | 19 | 10 | --- | --- | --- | --- | --- | --- | 59 | < 7 | --- | --- | 17 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 11/4/2004 | MW-21 | --- | --- | 21 | 21 | --- | --- | --- | --- | --- | --- | 15 | 7 | --- | --- | 7 | 5 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 1/19/2005 | MW-21 | --- | --- | 50 | 15 | --- | --- | --- | --- | --- | --- | < 7 | < 7 | --- | --- | 3 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| MW-22 | GEI | 4/1/2002 | MW-22 | --- | --- | 5 | < 5 | --- | --- | --- | --- | --- | --- | < 10 | < 10 | --- | --- | < 4 | < 4 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 10/3/2002 | MW-22 | --- | --- | 12 | 6 | --- | --- | --- | --- | --- | --- | < 10 | < 10 | --- | --- | < 3 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 4/14/2004 | MW-22 | --- | --- | 9 | < 5 | --- | --- | --- | --- | --- | --- | 10 | < 7 | --- | --- | 9 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 7/15/2004 | MW-22 | --- | --- | 15 | 7 | --- | --- | --- | --- | --- | --- | 33 | < 7 | --- | --- | 30 | < 3 | --- | --- | < 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 11/4/2004 | MW-22 | --- | --- | 12 | 10 | --- | --- | --- | --- | --- | --- | 22 | < 7 | --- | --- | 17 | 14 | --- | --- | 20 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | GEI | 1/19/2005 | MW-22 | --- | --- | 6 | < 5 | --- | --- | --- | --- | --- | --- | 10 | < 7 | --- | --- | 17 | < 3 | --- | --- | 30 | < 20 | --- | --- | --- | --- | --- | --- | --- | |
| | Farallon | 5/16/2022 | MW-22-051622 | --- | --- | --- | 4.5 | --- | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| | Farallon | 8/30/2022 | MW-22-083022 | --- | --- | --- | 9.9 | --- | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| MTCA Cleanup Levels for Groundwater ² | | | | 6.4 ³ | | 5 | | 3,200 ³ | | 32 ³ | | 5 | | 50 | | 640 ³ | | 15 | | 2 | | 320 ³ | | 80 ³ | | 80 ³ | | 0.16 ³ | | 4,800 ³ | |
| | | | | Monitoring Well Groundwater Samples (continued) | | | | | | | | | | | | | | Monitoring Well Groundwater Samples (continued) | | | | | | | | | | | | | |
| FMW-01 | Farallon | 5/16/2022 | FMW-01-051622 | --- | --- | --- | 64 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-01-083022 | --- | --- | --- | 35 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FMW-02 | Farallon | 5/16/2022 | FMW-02-051622 | --- | --- | --- | 66 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-02-083022 | --- | --- | --- | 49 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FMW-03 | Farallon | 5/16/2022 | FMW-03-051622 | --- | --- | --- | 6.8 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-03-083022 | --- | --- | --- | 8.1 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| FMW-04 | Farallon | 5/16/2022 | FMW-04-051622 | --- | --- | --- | 16 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | Farallon | 8/30/2022 | FMW-04-083022 | --- | --- | --- | 27 | --- | --- | --- | --- | < 4.0 | --- | < 10 | --- | --- | --- | < 1.0 | --- | < 0.50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MTCA Cleanup Levels for Groundwater ² | | | | 6.4 ³ | | 5 | | 3,200 ³ | | 32 ³ | | 5 | | 50 | | 640 ³ | | 15 | | 2 | | 320 ³ | | 80 ³ | | 80 ³ | | 0.16 ³ | | 4,800 ³ | |

NOTES:
Results in **bold** and highlighted **yellow** denote concentrations exceeding applicable cleanup levels.
< denotes analyte not detected at or exceeding the reporting limit listed.
--- denotes sample not analyzed.
¹Analyzed by U.S. Environmental Protection Agency Methods 200.8/6000/7000 Series.
²Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013, unless
³Washington State Cleanup Levels and Risk Calculations (CLARC) under Washington State Model Toxics Control Act Cleanup Regulation (MTCA), Standard Method B Formula Values for Groundwater from CLARC Master spreadsheet, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC>

ATTACHMENT A
LABORATORY ANALYTICAL REPORT

REMEDIAL INVESTIGATION/FOCUSED FEASIBILITY STUDY
ADDENDUM
COMFORT SUITES PROPERTY
7200 FUN CENTER WAY

Farallon PN: 2812-001



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 9, 2022

Amanda Meugniot
Farallon Consulting
975 5th Avenue NW
Issaquah, WA 98027

Re: Analytical Data for Project 2812-001
Laboratory Reference No. 2208-347

Dear Amanda:

Enclosed are the analytical results and associated quality control data for samples submitted on August 31, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DeB" followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures



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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: September 9, 2022
Samples Submitted: August 31, 2022
Laboratory Reference: 2208-347
Project: 2812-001

Case Narrative

Samples were collected on August 30, 2022 and received by the laboratory on August 31, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: September 9, 2022
 Samples Submitted: August 31, 2022
 Laboratory Reference: 2208-347
 Project: 2812-001

**DIESEL AND HEAVY OIL RANGE ORGANICS
 NWTPH-Dx**

Matrix: Water
 Units: mg/L (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------------------|------------------|----------------|----------|---------------|---------------|-------|
| Client ID: FMW-01-083022 | | | | | | |
| Laboratory ID: 08-347-01 | | | | | | |
| Diesel Range Organics | ND | 0.17 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | ND | 0.23 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 95 | 50-150 | | | | |
| Client ID: FMW-02-083022 | | | | | | |
| Laboratory ID: 08-347-02 | | | | | | |
| Diesel Range Organics | 0.18 | 0.16 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | ND | 0.21 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 95 | 50-150 | | | | |
| Client ID: FMW-03-083022 | | | | | | |
| Laboratory ID: 08-347-03 | | | | | | |
| Diesel Range Organics | 0.18 | 0.17 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | 0.26 | 0.23 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 91 | 50-150 | | | | |
| Client ID: FMW-04-083022 | | | | | | |
| Laboratory ID: 08-347-04 | | | | | | |
| Diesel Range Organics | ND | 0.17 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | ND | 0.22 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 110 | 50-150 | | | | |
| Client ID: MW-22-083022 | | | | | | |
| Laboratory ID: 08-347-05 | | | | | | |
| Diesel Range Organics | ND | 0.16 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | ND | 0.22 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Surrogate: | Percent Recovery | Control Limits | | | | |
| o-Terphenyl | 100 | 50-150 | | | | |



Date of Report: September 9, 2022
 Samples Submitted: August 31, 2022
 Laboratory Reference: 2208-347
 Project: 2812-001

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

Matrix: Water
 Units: mg/L (ppm)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------------|-------------------------|-----------------------|----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0907W1 | | | | | |
| Diesel Range Organics | ND | 0.12 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| Lube Oil Range Organics | ND | 0.16 | NWTPH-Dx | 9-7-22 | 9-7-22 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>o-Terphenyl</i> | 100 | 50-150 | | | | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|--------------------|--------------|--------------|---------------|------------------|-----------------|--------|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | SB0907W1 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Diesel Fuel #2 | 0.346 | 0.378 | NA | NA | NA | NA | 9 | NA |
| <i>Surrogate:</i> | | | | | | | | |
| <i>o-Terphenyl</i> | | | | 110 | 107 | 50-150 | | |



Date of Report: September 9, 2022
 Samples Submitted: August 31, 2022
 Laboratory Reference: 2208-347
 Project: 2812-001

DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------------------|-----------|------|-----------|---------------|---------------|-------|
| Client ID: FMW-01-083022 | | | | | | |
| Laboratory ID: 08-347-01 | | | | | | |
| Arsenic | 35 | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |
| Mercury | ND | 0.50 | EPA 7470A | | 9-2-22 | |

| | | | | | | |
|---------------------------------|-----------|------|-----------|--|--------|--|
| Client ID: FMW-02-083022 | | | | | | |
| Laboratory ID: 08-347-02 | | | | | | |
| Arsenic | 49 | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |
| Mercury | ND | 0.50 | EPA 7470A | | 9-2-22 | |

| | | | | | | |
|---------------------------------|------------|------|-----------|--|--------|--|
| Client ID: FMW-03-083022 | | | | | | |
| Laboratory ID: 08-347-03 | | | | | | |
| Arsenic | 8.1 | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |
| Mercury | ND | 0.50 | EPA 7470A | | 9-2-22 | |

| | | | | | | |
|---------------------------------|-----------|------|-----------|--|--------|--|
| Client ID: FMW-04-083022 | | | | | | |
| Laboratory ID: 08-347-04 | | | | | | |
| Arsenic | 27 | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |
| Mercury | ND | 0.50 | EPA 7470A | | 9-2-22 | |



Date of Report: September 9, 2022
 Samples Submitted: August 31, 2022
 Laboratory Reference: 2208-347
 Project: 2812-001

DISSOLVED METALS
EPA 200.8/7470A

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------|---------------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-22-083022 | | | | | |
| Laboratory ID: | 08-347-05 | | | | | |
| Arsenic | 9.9 | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |
| Mercury | ND | 0.50 | EPA 7470A | | 9-2-22 | |



Date of Report: September 9, 2022
 Samples Submitted: August 31, 2022
 Laboratory Reference: 2208-347
 Project: 2812-001

**DISSOLVED METALS
 EPA 200.8/7470A
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|----------|-----|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0906D1 | | | | | |
| Arsenic | ND | 3.0 | EPA 200.8 | | 9-6-22 | |
| Cadmium | ND | 4.0 | EPA 200.8 | | 9-6-22 | |
| Chromium | ND | 10 | EPA 200.8 | | 9-6-22 | |
| Lead | ND | 1.0 | EPA 200.8 | | 9-6-22 | |

| | | | | | | |
|----------------|----------|------|-----------|---------|--------|--|
| Laboratory ID: | MB0829F1 | | | | | |
| Mercury | ND | 0.50 | EPA 7470A | 8-29-22 | 9-2-22 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 08-347-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Arsenic | 35.0 | 34.4 | NA | NA | NA | NA | 2 | 20 |
| Cadmium | ND | ND | NA | NA | NA | NA | NA | 20 |
| Chromium | ND | ND | NA | NA | NA | NA | NA | 20 |
| Lead | ND | ND | NA | NA | NA | NA | NA | 20 |

| | | | | | | | | |
|----------------|-----------|----|----|----|----|----|----|----|
| Laboratory ID: | 08-298-01 | | | | | | | |
| Mercury | ND | ND | NA | NA | NA | NA | NA | 20 |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------|-----------|------|------|------|------|-----|-----|--------|---|----|
| Laboratory ID: | 08-347-01 | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | |
| Arsenic | 123 | 121 | 80.0 | 80.0 | 35.0 | 110 | 108 | 75-125 | 2 | 20 |
| Cadmium | 73.6 | 76.2 | 80.0 | 80.0 | ND | 92 | 95 | 75-125 | 3 | 20 |
| Chromium | 72.6 | 71.8 | 80.0 | 80.0 | ND | 91 | 90 | 75-125 | 1 | 20 |
| Lead | 74.2 | 74.6 | 80.0 | 80.0 | ND | 93 | 93 | 75-125 | 1 | 20 |

| | | | | | | | | | | |
|----------------|-----------|------|------|------|----|----|----|--------|---|----|
| Laboratory ID: | 08-298-01 | | | | | | | | | |
| Mercury | 5.85 | 5.95 | 6.25 | 6.25 | ND | 94 | 95 | 75-125 | 2 | 20 |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 - Sample extract treated with a silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference





Analytical Laboratory Testing Services
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| | | | | | |
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| CIVIL COMMERCIAL INC. | | | | | |
| Company: Farallon | | | | | |
| Project Number: 2812-001 | | | | | |
| Project Name: Parcel 2 Comfort Suites | | | | | |
| Project Manager: Amanda Meunier | | | | | |
| Sampled by: C. van Stolk | | | | | |
| (Check One) <input type="checkbox"/> Same Day <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input checked="" type="checkbox"/> Standard (7 Days) | | | | | |
| (other) _____ | | | | | |
| Turnaround Request (in working days) | | | | | |
| Laboratory Number: 08-347 | | | | | |
| Number of Containers | | | | | |
| NWTPH-HCID | | | | | |
| NWTPH-Gx/BTEX (8021 <input type="checkbox"/> 8260 <input type="checkbox"/>) | | | | | |
| NWTPH-Gx | | | | | |
| NWTPH-Dx (Acid / SG Clean-up <input type="checkbox"/>) | | | | | |
| Volatiles 8260 | | | | | |
| Halogenated Volatiles 8260 | | | | | |
| EDB EPA 8011 (Waters Only) | | | | | |
| Semivolatiles 8270/SIM (with low-level PAHs) | | | | | |
| PAHs 8270/SIM (low-level) | | | | | |
| PCBs 8082 | | | | | |
| Organochlorine Pesticides 8081 | | | | | |
| Organophosphorus Pesticides 8270/SIM | | | | | |
| Chlorinated Acid Herbicides 8151 | | | | | |
| Total RCRA Metals | | | | | |
| Total MTCA Metals | | | | | |
| TCLP Metals | | | | | |
| HEM (oil and grease) 1664 | | | | | |
| dissolved MTCA metals | | | | | |
| % Moisture | | | | | |