PES Environmental, Inc.
Engineering & Environmental Services

MEMORANDUM

TO: Tamara Cardona and Ron Timm, Washington Department of Ecology

FROM: Bill Haldeman/Brian O'Neal

CC: John Moshy, BMR-Dexter LLC

DATE: April 22, 2019

SUBJECT: Groundwater Data Summary, First Quarter 2019
American Linen Supply Co–Dexter Avenue Site
700 Dexter Avenue North, Seattle, Washington

PROJECT NO.: 1413.001.02

PES Environmental, Inc. ("PES") has prepared this technical memorandum on behalf of BMR-Dexter LLC ("BMRD") for the American Linen Supply Co–Dexter Avenue Site (the "Site") located at 700 Dexter Avenue North, Seattle, Washington. This memorandum documents the first quarter 2019 sampling of interim action performance monitoring wells at the 700 Dexter Avenue North property (the "Property"), including wells both on and outside of the Property. Consistent with the Final Interim Action Work Plan[1], PES conducted the following monitoring events during the quarter to document the chlorinated volatile organic compound ("CVOC") concentrations in groundwater and soil vapor during implementation of the interim action:

- The first quarterly monitoring event of 57 wells and three vapor probes after completion of the third and final *in situ* chemical oxidation ("ISCO") injection event in January 2019; and
- The monitoring of 20 wells, mainly on the Property, following the completion of the emulsified vegetable oil ("EVO") injection event in early March 2019.

This technical memorandum summarizes the procedures and results of the two monitoring events.

Groundwater Monitoring Procedures

PES collected groundwater samples from 57 monitoring wells between January 21 and February 5, 2019, including 8 Shallow Zone wells, 16 Intermediate A Zone wells, 17

[1] PES Environmental, Inc. 2018. *Final Interim Action Work Plan, American Linen Supply Co-Dexter Avenue Site, 700 Dexter Avenue North, Seattle, Washington.* Prepared for BMR-Dexter LLC. August.

Intermediate B Zone wells, and 16 Deep Zone wells.[2] Between March 11 and March 13, PES collected groundwater samples from 20 monitoring wells, including 3 Intermediate A Zone wells, 9 Intermediate B Zone wells, and 8 Deep Zone wells. One round of groundwater levels was measured in all available monitoring wells at the Site on March 14, 2019. Figures 1 and 2 show the well locations.

PES used an electronic water level probe to measure depth to groundwater in the wells, and either a peristaltic or bladder pump to purge and sample the wells. Wells were purged at pumping rates of 180 mL/min or less. One primary groundwater sample was collected from each monitoring well, with duplicate samples collected from MW110, MW-142, and MW-163 in the first event, and from MW-136 in the second event. Two equipment rinsate blanks and seven trip blanks were collected in the first sampling event, and one equipment rinsate blank and two trip blanks were collected in the second sampling event. All samples were shipped to either Pace Analytical in Mount Juliet, Tennessee, or transported to Fremont Analytical in Seattle, Washington, for analysis of VOCs by Environmental Protection Agency ("EPA") Method 8260C. Groundwater samples from most wells near the Property were also analyzed for gasoline-range organics ("GRO") by Washington State Department of Ecology ("Ecology") Method NWTPH-Gx, and groundwater samples from a subset of wells across the Site were also analyzed for geochemical parameters as described in the Final Interim Action Work Plan. Groundwater sampling, sample analysis, and health and safety procedures were performed consistent with the Sampling and Analysis Plan, Quality Assurance/Quality Control Plan, and Health and Safety Plan provided in the Final Interim Action Work Plan.

Vapor Probe Sampling Procedures

PES collected soil vapor samples on February 6, 2019, from three soil vapor probes (SV01, SV02, and SV03) located on the east side of 8th Avenue North across from the Property (Figure 1). The soil vapor samples were collected in the vadose zone just above the groundwater capillary fringe, at depths ranging from 11.75 to 12.75 feet bgs, and analyzed for VOCs, including tetrachloroethene ("PCE"), trichloroethene ("TCE"), cis-1,2-dichloroethene ("cDCE"), trans-1,2-dichloroethene ("tDCE"), and vinyl chloride ("VC"). Soil vapor sampling, sample analysis, and health and safety procedures were performed consistent with the Sampling and Analysis Plan, Quality Assurance/Quality Control Plan, and Health and Safety Plan provided in the Final Interim Action Work Plan.

Results

Groundwater Elevations and Flow Directions. Table 1 provides the March 14, 2019, depth to groundwater measurements and calculated groundwater elevations. Depth to groundwater varied from 3.2 feet bgs in MW-149 to 39.8 feet bgs in MW-138, and groundwater elevations (relative to NAVD 88) ranged from 16.9 feet in MW-145 to 38.9 feet in R-MW5.

Figure 3 presents groundwater contours for the Shallow, Intermediate A, Intermediate B, and Deep Zones using data measured on March 14, 2019, over a year after shutdown of the 630 Westlake Avenue North groundwater extraction system. The groundwater flow direction in

[2] One additional well (MW112) that was scheduled to be sampled during the January/February event was sampled on December 21, 2018, due to January 2019 City of Seattle street use limitations in the Dexter Avenue North right of way. During this event, PES sampled 17 wells at the Property and 40 wells outside of the Property.

the Shallow and Intermediate A Zones was to the east-northeast, similar to March 2017 (a time of no known construction-related groundwater withdrawals in the area). Discounting the highly variable groundwater contours on the Property due to interim action activities (i.e., injection of ISCO reagents and EVO), the general groundwater flow direction in the Intermediate B Zone was also to the east-northeast. Similar to the March 2017 groundwater level events, the groundwater flow direction in the Deep Zone was westward to the west of 9th Avenue North, and eastward to the east of 9th Avenue North. Deep Zone pressure transducer data collected between March 2018 and March 2019 confirm the westward component of groundwater flow throughout a year with no known construction-related groundwater withdrawals in the area. In locations with co-located wells in different zones, the vertical gradient was generally downward (e.g., at the MW-142/MW-143 well pair). Comparing the March 2017 and March 2019 groundwater elevation contours for the Shallow, Intermediate A, and Deep Zones suggests that the interim action activities have not significantly affected groundwater flow in these zones. Groundwater elevation contours for the Intermediate B Zone were not prepared for March 2017, so a direct comparison between the March 2017 and March 2019 Intermediate B Zone events cannot be made.

Groundwater Analytical Results. Tables 2 through 4 provide the groundwater results for the first quarter of 2019, including the field parameter measurements, the analytical results for the detected VOCs and GRO, and the analytical results for the geochemical parameters, respectively. All sample results were reported to the method detection limit ("MDL") to provide VC detection limits below the VC screening level. PES has reviewed the January/February and March analytical reports to evaluate the laboratory's performance in meeting EPA's quality control criteria, and has added data qualifiers as necessary.

Only 8 of the 32 VOCs detected in groundwater were reported at concentrations above their respective screening levels (shown at the top of Table 3). The VOCs detected above their screening levels included benzene, 1,1-dichloroethene, cDCE, tDCE, 1,2-dichloropropane, PCE, TCE, and VC. Figures 4 through 7 depict the January/February 2019 PCE, TCE, cDCE, and VC results in the Shallow, Intermediate A, Intermediate B, and Deep Zones, respectively. The figures display both the data and the estimated areas of the Site where these constituents exceeded their respective screening levels.

GRO was also detected in groundwater samples at concentrations exceeding the screening level (Table 3); these were qualified, however, as a result of the data quality review. The laboratory indicated that the chromatograms for the GRO concentrations above the screening levels from five wells on the Property (MW-149, MW130, MW-135, MW-150, and MW-152) and three wells outside of the Property (MW113, MW-156, and MW-157) did not resemble the fuel standard, and that the results were likely due to the presence of CVOCs in the samples. None of the unqualified GRO results exceeded the GRO screening level.

Soil Vapor Analytical Results. Table 5 provides the analytical results for PCE, TCE, cDCE, tDCE, and VC, none of which were detected above the laboratory reporting limit in February 2019. These results are consistent with the September 2018 results.

Discussion of Groundwater Monitoring Results

The following presents an overview of the of the January/February and March 2019 groundwater results for both the Property and areas outside the Property.

Shallow Zone CVOCs. The Shallow Zone on the Property will be excavated and removed during the interim action and Property redevelopment, with the Shallow Zone immediately surrounding the Property dewatered during the subsurface construction phase of redevelopment. Consistent with the Final Interim Action Work Plan, shallow wells on the Property were not sampled in 2019. The Shallow Zone CVOC results for Property wells on Figure 4 are from the most recent sampling event prior to 2019. Shallow Zone CVOCs prior to 2019 were above the screening levels in a number of wells on the Property, with the highest concentrations in the wells on the southern half of the Property (wells F5, G12, J5, K8, and N7). The 2019 CVOC results for wells outside of the Property were near or below the screening levels, with generally neutral or downward CVOC trends.

Intermediate A Zone CVOCs. Figure 5 provides the January/February 2019 results for the Intermediate A Zone monitoring wells, including three monitoring wells on the Property (MW131, MW-149, and MW-151). One of the three Intermediate A Zone monitoring wells on the Property (MW131) continued to display decreasing CVOC concentrations in 2019, with PCE and TCE currently below the MDLs. The other two Intermediate A Zone monitoring wells on the Property (MW-149 and MW-151) showed the effects of the interim action injections, with increases in CVOC concentrations during the ISCO injections (reflecting desorption due to the ISCO activity) and decreases in PCE and TCE concentrations after EVO injection. EVO that has been injected in the Intermediate A Zone will continue to promote biodegradation for years into the future, the upper portion of the Intermediate A Zone will be excavated and removed during Property redevelopment, and Intermediate A Zone groundwater immediately outside of the Property will be pumped out during construction dewatering.

The 2019 PCE and TCE concentrations in Intermediate A Zone wells outside of the Property continued generally neutral or downward CVOC trends, with the exception of MW108, which continued the upward PCE and TCE concentration trends that started in 2016, prior to the start of the interim action.

As shown in Figure 5, the highest detections of CVOCs in Intermediate A Zone groundwater sampled in 2019 were in Property wells MW-149 (located near the former loading dock) and MW-151 (located near and south of the former western boiler room), in two wells located on the streets adjacent to the Property (MW-146 and MW-156), and two wells located in the alley between 8th and 9th Avenues North (MW108 and MW110). Monitoring wells MW115 (except for VC), MW116, and MW119 on 9th Avenue North and GEI-1 in the northwest corner of the 630 Westlake Avenue North property provide the lateral extent of the Intermediate A Zone CVOCs above the screening levels.

Intermediate B Zone CVOCs. Figure 6 provides the January/February 2019 results for the Intermediate B Zone monitoring wells, including eight monitoring wells on the Property (MW130, MW-132, MW-134, MW-135, MW-136, MW-139, MW-150, and MW-152). Three of the eight Intermediate B Zone monitoring wells on the Property (MW-134, MW-136, and MW-139) continued to display decreasing CVOC concentrations in 2019, with most constituents

below the MDLs, and only VC in MW-134 above the screening level. The other five Intermediate B Zone monitoring wells on the Property (MW130, MW-132, MW-135, MW-150, and MW-152) showed the effects of the interim action injections, with either significant decreases in CVOCs throughout the injection process (MW-132) or increases in CVOC concentrations during the ISCO injections (reflecting desorption due to the ISCO activity) followed by decreases in PCE and/or TCE concentrations after further ISCO or EVO injections (MW-135, MW-150, and MW-152). MW130 continued to show somewhat steady concentrations, but the well was not sampled in March 2019, so final conclusions about the well's trends after nearby EVO injections cannot be drawn. As in the Intermediate A Zone, EVO that has been injected in the Intermediate B Zone will continue to promote biodegradation for years into the future. Given the very low hydraulic conductivity of the zone, the Intermediate B Zone will not likely be influenced by construction dewatering.

The highest detections of CVOCs in Intermediate B Zone groundwater sampled in 2019 were in Property wells MW-135 and MW-150 (located near the former loading dock) and MW130 and MW-152 (located near and north of the former western boiler room), with decreasing concentrations in wells located to the south (MW-147) and northeast (MW-157) of the Property, and even lower concentrations in wells located further to the east of the Property (MW111, MW-143, and MW-145). Monitoring wells MW112 (west side of Dexter Avenue North), MW126 (alley east of the 800 Aloha Street parcel parking lot), and MW-148 (southeast of the Property) provide the lateral extent of the Intermediate B CVOCs above the screening levels. The low CVOC concentrations in the reconnaissance groundwater samples collected from B-213 (Dexter Avenue North) during drilling also provide the lateral extent of the Intermediate B CVOC plume.

Deep Zone CVOCs. Figure 7 provides the January/February 2019 results for the Deep Zone monitoring wells, including six wells on the Property (MW-133, MW-137, MW-141, MW-162, MW-163, and MW-164). Deep Zone monitoring wells MW-133, MW-137, and MW-141 on the Property continued to display decreasing or continued low CVOC concentrations in 2019, with most constituents below the screening levels or even the MDLs.

The 2019 PCE and TCE concentrations in Deep Zone wells outside of the Property continued generally neutral or downward CVOC trends.

As shown in Figure 7, the highest detections of CVOCs in deep groundwater sampled in 2019 were in MW-162 through MW-164 (all three recently installed at the Property and yet to stabilize) and in MW113 (located east of the Property). The CVOC concentrations in the MW-162, MW-163, and MW-164 groundwater samples were one to two orders of magnitude less than those in the nearest Treatment Zone C or D samples. The CVOC concentrations in MW-162 and MW-164 decreased significantly after the EVO injection event; for example, the PCE concentration in MW-162 decreased from 2,800 µg/L prior to EVO injection to 613 µg/L after EVO injection, and the PCE concentration in MW-164 decreased from 871 µg/L prior to EVO injection to 444 µg/L after EVO injection. The MW-162, MW-163, and MW-164 soil and groundwater CVOC results indicate that the presence of CVOCs in the MW-162, MW-163, and MW-164 groundwater samples is likely due to dissolved phase transport of CVOCs from a source present in zones above. CVOC concentrations in deep monitoring wells surrounding the Property (MW102 and MW124 near the northern Property boundary; MW104, MW-160, and MW-161

near the eastern Property boundary; MW-138 near the western Property boundary; and MW-140 near the southern Property boundary) were far lower than in MW-162, MW-163, and MW-164 on the Property (and often near or below the screening levels). MW102, MW105, MW106, MW122, MW123, MW124, MW-138, MW-140 (last sampled in April 2018), FMW-3D (last sampled in June 2017), and FMW-131 (last sampled in June 2017) provide the lateral extent of the deep CVOC plume.

Petroleum Hydrocarbons. The only petroleum-related VOC detected above the screening level on the Property was one detection of benzene just above the screening level in MW-135. Benzene was detected just above the screening level in only two wells outside of the Property, once in MW108 and twice in MW113. The benzene results in these two wells appear to be isolated relative to the results in other wells upgradient of these locations, and the MW108 and MW113 benzene results may indicate a source other than the former USTs at the Property. Based on these results, residual petroleum hydrocarbons in groundwater on and near the Property appear to be minimal.

The Next Monitoring Event

The next quarterly interim action performance monitoring event is scheduled for late April 2019. During the event, groundwater levels will be measured in all monitoring wells, and groundwater samples will be collected in 44 wells, including 8 Shallow Zone wells, 13 Intermediate A Zone wells, 10 Intermediate B Zone wells, and 13 Deep Zone wells. All samples will be analyzed for VOCs, and most samples will also be analyzed for GRO and geochemical parameters. Three vapor probes on the east side of 8th Avenue North will also be sampled, and the samples will be analyzed for VOCs.

Attachments:

Table 1 – Summary of Groundwater Elevations, March 14, 2019
Table 2 – First Quarter 2019 Groundwater Field Parameters
Table 3 – Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Table 4 – First Quarter 2019 Groundwater Geochemical Parameters
Table 5 – First Quarter 2019 Soil Vapor Analytical Results
Figure 1 – Property Exploration Location Map
Figure 2 – Site-Wide Exploration Location Map
Figure 3 – Groundwater Elevation Contours, March 14, 2019
Figure 4 – 2019 CVOCs in Groundwater, Shallow Zone
Figure 5 – 2019 CVOCs in Groundwater, Intermediate A Zone
Figure 6 – 2019 CVOCs in Groundwater, Intermediate B Zone
Figure 7 – 2019 CVOCs in Groundwater, Deep Zone

TABLES

Table 1

Summary of Groundwater Elevations, March 14, 2019
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Screen Interval (ft below TOC)	Top of Casing Elevation (feet)	Depth to Groundwater[a]	Groundwater Elevation [b]
Shallow Zone					
J15	Property	10 to 40	38.85	5.05	33.80
MW-8	800 Aloha Street	4.5 to 19	33.19	11.23	21.96
MW-9	8th Avenue	7 to 22	40.81	13.81	27.00
MW121	8th Avenue	15 to 25	41.72	10.86	30.86
MW125	Valley Street	15 to 30	43.55	15.59	27.96
MW-154	Roy Street	25 to 35	52.57	20.81	31.76
MW-155	Roy Street	20 to 30	44.05	16.80	27.25
MW-159	8th Avenue	20 to 30	42.79	14.70	28.09
MW214	Valley Street	TD = 15	27.32	8.92	18.40
R-MW2	Property	5 to 15	41.74	6.39	35.35
R-MW3	Property	7 to 17	41.74	7.41	34.33
R-MW5	Dexter Avenue	15 to 30	57.03	18.18	38.85
R-MW6	Property	12 to 22	45.28	12.24	33.04
SCL-MW101	Alley	--	30.46	7.64	22.82
SCL-MW105	Alley	--	31.26	7.97	23.29
SCS-2	800 Aloha	Unknown	39.16	16.22	22.94
SMW-3	Valley Street	Unknown	26.57	8.59	17.98
Intermediate A Zone					
BB-8	Roy Street	30 to 40	43.69	13.73	29.96
GEI-1	Block 37	26.8 to 36.8	27.95	9.64	18.31
MW107	8th Avenue	35 to 45	43.82	12.84	30.98
MW108	Alley	40 to 50	32.78	13.46	19.32
MW109	Alley	35 to 45	34.97	15.87	19.10
MW110	Alley	35 to 45	39.67	20.18	19.49
MW115	9th Avenue	35 to 45	34.10	15.64	18.46
MW116	9th Avenue	35 to 45	31.34	12.72	18.62
MW119	9th Avenue	35 to 45	37.42	18.79	18.63
MW120	8th Avenue	40 to 50	40.00	16.06	23.94
MW131	Property	45 to 55	39.39	8.48	30.91
MW-142	8th Avenue	40-50	42.12	15.42	26.70
MW-144	8th Avenue	40-50	43.50	14.07	29.43
MW-146	Roy Street ROW	40-50	52.34	19.89	32.45
MW-149	Property	35-45	35.22	3.15	32.07
MW-151	Property	35-45	39.38	3.35	36.03
MW-156	8th Avenue	40-50	41.24	15.72	25.52
Intermediate B Zone					
MW111	Alley	70 to 80	36.48	18.36	18.12
MW112	Dexter Avenue	75 to 85	57.45	36.62	20.83
MW126	Alley	85 to 95	30.94	12.88	18.06
MW130	Property	70 to 80	39.55	21.86	17.69
MW-132	Property	70 to 80	40.07	17.32	22.75
MW-134	Property	80 to 90	41.05	22.89	18.16
MW-135	Property	70 to 80	38.96	13.62	25.34
MW-136	Property	84.6 to 94.6	51.45	33.70	17.75
MW-139	Property	70 to 80	39.44	15.45	23.99
MW-143	8th Avenue	70-80	42.04	18.29	23.75
MW-145	8th Avenue	70 to 80	43.46	26.55	16.91
MW-147	Roy Street	70 to 80	51.85	25.65	26.20
MW-148	Roy Street	70 to 80	43.91	24.31	19.60

Table 1

Summary of Groundwater Elevations, March 14, 2019
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Screen Interval (ft below TOC)	Top of Casing Elevation (feet)	Depth to Groundwater[a]	Groundwater Elevation [b]
MW-150	Property	49 to 59	35.39	3.58	31.81
MW-152	Property	50 to 60	39.11	5.21	33.90
MW-157	8th Avenue	70 to 80	41.22	14.94	26.28
W-MW-01	8th Avenue	70 to 80	44.88	21.77	23.11
W-MW-02	8th Avenue	70 to 80	43.46	15.46	29.42
Deep Zone					
FMW-131	Block 37	63 to 73	27.85	10.26	17.59
GEI-2	Block 37	50.5 to 60.5	29.38	11.70	17.68
MW102	Property	115 to 125	49.19	31.94	17.25
MW103	Alley	103.5 to 113.5	35.92	17.75	18.17
MW104	8th Avenue	119 to 129	42.68	25.00	17.68
MW105	Roy Street	130 to 140	44.17	26.33	17.84
MW106	SDOT Property	130 to 140	51.99	34.64	17.35
MW113	9th Avenue	70 to 80	32.90	14.52	18.38
MW122	Alley	105 to 119	30.03	11.99	18.04
MW123	Westlake	70 to 80	27.51	9.32	18.19
MW124	Valley Street	110 to 120	56.24	38.98	17.26
MW128	Westlake	60 to 70	28.59	10.79	17.80
FMW-129	SDOT Property	84 to 89	38.31	20.11	18.2
MW-133	Property	129 to 139	39.77	22.62	17.15
MW-137	Property	105 to 115	51.46	33.99	17.47
MW-138	Dexter Ave N	105 to 115	57.06	39.75	17.31
MW-141	Property	95 to 105	39.32	21.80	17.52
MW-153	Roy Street	120 to 130	54.35	37.27	17.08
MW-158A	8th Avenue	90 to 100	41.09	23.15	17.94
MW-160	8th Avenue	118 to 128	43.46	24.70	18.76
MW-161	8th Avenue	130 to 140	43.82	26.50	17.32
MW-162	Property	100 to 110	–	19.58	–
MW-163	Property	100 to 110	–	21.61	–
MW-164	Property	100 to 110	–	22.26	–

NOTES:

[a] As measured in feet below a fixed spot on the well casing rim.

[b] Calculated by subtracting the depth to groundwater from the casing elevation.

-- = unknown

ROW = right-of-way

TOC = top of casing (PVC)

TD = Total Depth

Table 2

First Quarter 2019 Groundwater Field Parameters
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	ORP (mv)	Ferrous Iron (mg/L)
Shallow Water-Bearing Zone									
MW121	Property	01/31/19	6.87	2,396	15.3	–	0.42	-3	–
MW125	Valley Street ROW	01/21/19	6.67	912	15.8	–	0.48	122	–
MW-154	Roy St ROW	01/21/19	7.25	523	14.4	–	0.61	99	–
MW-155	Roy St ROW	01/21/19	6.52	500	12.3	–	2.43	119	–
MW-159	8th Ave N ROW	01/21/19	6.92	1,125	14.1	–	0.59	126	–
MW-9	8th Ave N ROW	01/21/19	6.63	1,179	12.5	–	0.71	143	–
R-MW5	8th Ave N ROW	01/03/19	5.96	533	14.7	–	0.81	71.1	–
R-MW6	8th Ave N ROW	01/25/19	6.75	1,055	14.9	–	0.33	-101.1	–
Intermediate "A" Water-Bearing Zone									
BB-8	Roy Street ROW	01/23/19	6.80	700	12.9	–	0.76	154.2	0.0
MW107	8th Ave N ROW	01/30/19	6.99	1,299	11.0	–	0.74	127	–
MW108	Alley Between 8th & 9th	01/22/19	6.77	1,053	11.9	–	0.80	132	–
MW109	Alley Between 8th & 9th	01/23/19	6.97	1,203	15.7	–	0.59	143	–
MW110	Alley Between 8th & 9th	01/23/19	6.74	1,020	14.5	–	0.41	103.2	–
MW115	9th Ave N ROW	01/30/19	7.03	912	12.7	–	0.57	116	–
MW116	9th Ave N ROW	01/30/19	7.09	771	15.5	–	0.65	-122	2.0
MW119	9th Ave N ROW	01/21/19	6.76	67	12.6	–	6.76	114.4	–
MW120	8th Ave N ROW	01/24/19	6.66	649	14.0	–	0.73	110	–
MW131	Property	01/29/19 03/11/19	6.86 6.70	1,948 1,849	9.2 14.0	– –	0.77 1.30	137 -21	– –
MW-142	8th Ave N ROW	01/28/19	6.94	1,528	11.7	7.9	0.75	152	2.00
MW-144	8th Ave N ROW	01/28/19	7.44	1,798	13.1	5.3	0.57	125	–
MW-146	Roy St ROW	01/22/19	7.56	621	12.1	–	0.48	122	2.00
MW-149	Property	01/29/19 03/13/19	6.67 6.29	1,209 1,648	17.1 17.2	2.9 –	17.05 0.12	121 -178	0.0 –
MW-151	Property	01/31/19 03/12/19	6.86 6.40	2,151 1,430	13.0 12.3	¯ ¯	0.18 0.23	21 -278	– –
MW-156	8th Ave N ROW	01/24/19	6.70	1,263	16.1	78.1	0.54	131	0.00
Intermediate "B" Water-Bearing Zone									
MW111	Alley Between 8th & 9th	01/23/19	7.86	528	14.2	–	0.50	-124	–
MW112	Dexter Ave N ROW	12/21/18	6.88	108	13.9	–	0.77	68	–
MW126	Alley Between 8th & 9th	01/22/19	7.88	432	10.7	–	1.25	115	–
MW130	Property	01/31/19	7.40	1,176	21.4	–	59.05	112	0.0

Table 2

First Quarter 2019 Groundwater Field Parameters
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	ORP (mv)	Ferrous Iron (mg/L)
MW-132	Property	01/31/19	7.66	712	14.9	–	0.74	-40.3	–
		03/11/19	7.62	592	17.2	–	0.99	-24	–
MW-134	Property	01/28/19	7.74	747	17.1	–	0.53	-140.6	–
		03/12/19	7.06	759	16.8	–	0.38	171	–
MW-135	Property	01/31/19	7.34	1269	21.1	–	0.13	-157.4	–
		03/13/19	7.13	1,661	15.0	–	0.18	194	–
MW-136	Property	02/01/19	7.41	546	18.7	–	1.42	-53.6	–
		03/12/19	7.36	687	14.2	–	0.50	172	–
MW-139	Property	01/28/19	7.92	534	13.4	–	1.19	-134	–
		03/11/19	7.11	703	18.4	–	0.70	-56	–
MW-143	8th Ave ROW	01/29/19	7.64	950	18.1	80.4	0.23	-148	0.75
MW-145	8th Ave ROW	01/29/19	7.60	740	17.4	94.9	0.98	-101	0.00
MW-147	Roy St ROW	01/22/19	7.60	892	8.6	–	0.79	118	1.00
MW-148	Roy St ROW	01/23/19	7.80	706	12.0	–	0.66	116	–
MW-150	Property	01/29/19	6.88	1,959	15.8	–	0.15	123	–
		03/13/19	6.39	2,489	16.5	–	0.19	-214	–
MW-152	Property	01/31/19	7.26	1632	11.6	–	9.10	125	–
		03/12/19	6.47	1,922	12.9	–	0.29	-186	–
MW-157	8th Ave N ROW	01/24/19	6.86	885	14.3	–	0.71	-64	3.00
W-MW-01	8th Ave N ROW	01/25/19	7.46	703	12.4	MAX[(a)]	0.51	127	1.5
		03/11/19	7.36	737	15.4	–	0.36	198	–
W-MW-02	8th Ave N ROW	01/25/19	6.49	1,687	16.9	25.2	0.53	-52	2.00
		03/11/19	6.50	1,832	14.8	–	0.95	-9	–
Deep Water-Bearing Zone									
MW102	Valley Street ROW	01/24/19	8.01	314	11.5	–	0.63	-124	0.00
MW103	Alley Between 8th & 9th	01/23/19	9.60	359	13.8	–	0.55	126	–
MW104	8th Ave N ROW	02/01/19	9.65	153	20.2	MAX[(a)]	0.11	-205	0.0
		03/13/19	9.03	407	18.6	–	0.24	122	
MW105	Roy Street ROW	01/23/19	7.66	570	13.4	–	0.67	107.1	–
MW113	9th Ave N ROW	02/07/19	6.64	1,219	9.9	2.4	0.80	75.9	2.5
MW-133	Property	02/01/19	7.76	362	19.4	–	0.34	-163.3	–
		03/13/19	6.99	413	12.1	–	0.91	181	–
MW-137	Property	02/01/19	9.26	437	18.8	–	0.21	-170.8	–
		03/11/19	7.39	493	18.1	–	0.50	180	–
MW-138	Dexter Ave N ROW	01/03/19	7.33	358	16.2	–	2.41	49.8	0.0
		03/14/19	6.76	426	14.2	–	0.44	149.2	–

Table 2

First Quarter 2019 Groundwater Field Parameters
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	pH	Specific Conductance (µS/cm)	Temperature (^{o}C)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	ORP (mv)	Ferrous Iron (mg/L)
MW-141	Property	01/30/19	7.35	411	20.5	–	0.28	-134.0	–
		03/11/19	7.29	427	16.4	–	0.55	185	–
MW-153	Roy St ROW	01/22/19	8.91	391	15.2	–	0.67	93.5	0.0
MW-158	8th Ave N ROW	01/24/19	7.91	707	13.8	MAX[(a)]	0.53	-164.1	0.0
MW-160	8th Ave N ROW	01/25/19	7.57	404	18.4	MAX[(a)]	0.40	94.8	0.5
MW-161	8th Ave N ROW	01/25/19	7.49	661	17.9	MAX[(a)]	0.61	99.2	0.0
MW-162	Property	02/05/19	7.68	541	12.7	7.5	0.29	109.6	–
		03/12/19	7.52	402	17.8	–	0.31	-81.9	–
MW-163	Property	02/05/19	7.67	394	15.5	4.5	3.73	-44.7	–
		03/12/19	7.45	392	15.6	–	0.59	145.3	–
MW-164	Property	02/05/19	7.63	462	14.6	10.5	0.56	-35.4	–
		03/12/19	7.30	686	15.4	–	0.23	148.7	–

Notes:

1. – = not measured

2.[(a)] = Turbidity reading collected and read with a turbidmeter after water sample collection.

3. MAX = Turbidity greater than instrument upper detection limit.

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter)																
				GRO	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1-Dichloroethene	cDCE	tDCE	1,2-Dichloropropane	Ethylbenzene	n-Hexane	Isopropylbenzene	p-Isopropyltoluene
Screening Level				**800**	**7,200**	**0.5**	**800**	**130**	**–**	**80**	**420**	**7.68**	**7**	**16**	**100**	**0.71**	**29**	**480**	**800**	**–**
Shallow Water Bearing Zone																				
MW121	Property	01/31/19	Peristaltic	38.0 U	**7.53 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**5.53**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW125	Valley St ROW	01/21/19	Peristaltic	31.6 U	**1.66 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-154	Roy St ROW	01/21/19	Peristaltic	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**2.03**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-155	Roy St ROW	01/21/19	Peristaltic	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.274 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-159	Roy St ROW	01/21/19	Peristaltic	31.6 U	**1.98 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.651**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-9	8th Ave N ROW	01/21/19	Peristaltic	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
R-MW5	Dexter Ave N	01/03/19	Peristaltic	**81.5 J**	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
R-MW6	8th Ave N ROW	01/25/19	Peristaltic	–	1.05 U	**0.142 J**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.310 J**	**12.5**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
Intermediate A Water-Bearing Zone																				
BB-8	Roy St ROW	01/23/19	Peristaltic	**99.6 J**	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.403 J**	**81.5**	**0.402 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW107	8th Ave N ROW	01/30/19	Peristaltic	**663 J+z**	1.05 U	**0.215 J**	0.101 U	0.140 U	**3.52**	0.0860 U	0.101 U	0.114 U	**9.01**	**1,130**	**14.4**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW108	Alley	01/22/19	Peristaltic	—	1.05 U	**1.67**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**10.1**	**1,180**	**6.03**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW109	Alley	01/23/19	Peristaltic	—	**1.54 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.739**	**403**	**2.08**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW110	Alley Between	01/23/19	Peristaltic	—	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**6.44**	**673**	**5.83**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
(dup)	8th & 9th Ave	01/23/19	Peristaltic	—	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**6.88**	**718**	**6.49**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW115	9th Ave N ROW	01/30/19	Peristaltic	–	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.316 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW116	9th Ave N ROW	01/30/19	Bladder	–	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.655**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW119	9th Ave N ROW	01/21/19	Peristaltic	—	**4.46 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW120	8th Ave N ROW	01/24/19	Peristaltic	**105 J+z**	1.05 UJ	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	**1.61**	**0.883**	**60.5**	**0.194 J**	**0.756**	0.158 U	0.305 U	0.126 U	0.138 U
MW131	Property	01/29/19	Peristaltic	**43.7 J**	1.05 U	**0.182 J**	0.101 U	0.140 U	**0.367 J**	0.0860 U	0.101 U	0.114 U	0.188 U	**0.774**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Peristaltic	31.6 U	**52.6**	**0.152 J**	0.101 U	0.140 U	**0.386 J**	0.0860 U	0.101 U	0.114 U	0.188 U	**0.25 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-142	8th Ave N ROW	01/28/19	Peristaltic	31.6 U	6.98 U	**0.442 J**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**5.62**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
(dup)		01/28/19	Peristaltic	31.6 U	8.44 U	**0.410 J**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**5.67**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-144	8th Ave N ROW	01/28/19	Peristaltic	31.6 U	1.05 U	0.0896 U	**0.716**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**10.4**	**0.489 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-146	Roy St ROW	01/22/19	Peristaltic	**509 J+z**	**1.98 J**	0.0896 U	0.101 U	0.140 U	**1.60 J**	0.0860 U	0.101 U	0.114 U	**4.44**	**1,080**	**7.25**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-149	Property	01/29/19	Peristaltic	**14,400 J+z**	105 U	8.96 U	10.1 U	14.0 U	14.1 U	8.60 U	10.1 U	11.4 U	18.8 U	**4,350**	15.2 U	19.0 U	15.8 U	30.5 U	12.6 U	13.8 U
		03/13/19	Peristaltic	**15,300 J+**	**17.2 J**	**0.222 J**	**1.38**	0.140 U	**14.1**	**0.270 J**	0.101 U	0.114 U	**34.0**	**30,800**	**129**	0.190 U	**0.843**	0.305 U	0.126 U	0.138 U
MW-151	Property	01/31/19	Peristaltic	**340 J+z**	**14.0 J**	0.0896 U	**0.344 J**	0.140 U	**6.11**	0.0860 U	0.101 U	0.114 U	**3.15**	**466**	**3.52**	0.190 U	0.158 U	**0.560 J**	0.126 U	0.138 U
		03/12/19	Peristaltic	**143**	**34.5**	**0.159 J**	**1.55**	0.140 U	**10.4**	0.0860 U	0.101 U	0.114 U	0.188 U	**196**	**1.60**	0.190 U	**4.88**	**0.589 J**	0.126 U	0.138 U
MW-156	8th Ave N ROW	01/24/19	Peristaltic	**1,480 J+z**	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**14.1**	**2,050**	**11.5**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
Intermediate B Water-Bearing Zone																				
MW111	Alley	01/23/19	Peristaltic	—	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**1.70**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter)														
				MEK	MIBK	Napthalene	n-propylbenzene	Styrene	PCE	Toluene	1,1,1-Trichloroethane	TCE	CFC-113	1,2,4-TMB	1,2,3-TMB	1,3,5-TMB	VC	Total Xylenes
			Screening Level	4,800	640	160	800	1,600	2.4	72	200	1	240,000	–	–	80	0.2	10,000
Shallow Water Bearing Zone																		
MW121	Property	01/31/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	**19.8**	0.316 U
MW125	Valley St ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
MW-154	Roy St ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**1.70**	0.412 U	0.0940 U	**0.330 J**	0.164 U	0.123 U	0.0739 U	0.124 U	**3.52**	0.316 U
MW-155	Roy St ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**3.72**	0.412 U	0.0940 U	**0.581**	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
MW-159	Roy St ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	**0.666**	0.316 U
MW-9	8th Ave N ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
R-MW5	Dexter Ave N	01/03/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**0.477 J**	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
R-MW6	8th Ave N ROW	01/25/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**0.328 J**	0.412 U	0.0940 U	**1.07**	0.164 U	0.123 U	0.0739 U	0.124 U	**9.14**	0.316 U
Intermediate A Water-Bearing Zone																		
BB-8	Roy St ROW	01/23/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**133**	0.412 U	0.0940 U	**43.1**	0.164 U	0.123 U	0.0739 U	0.124 U	**0.618**	0.316 U
MW107	8th Ave N ROW	01/30/19	Peristaltic	1.28 UJ	0.823 U	0.174 UJ	0.162 U	0.117 U	0.199 U	**0.715 J+**	0.0940 U	**41.1**	0.164 U	0.123 U	0.0739 UJ	0.124 U	**474**	0.316 U
MW108	Alley	01/22/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**4,190**	**0.562**	0.0940 U	**587**	0.164 U	0.123 U	0.0739 U	0.124 U	**90.8**	0.316 U
MW109	Alley	01/23/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.995 U	0.412 U	0.0940 U	**43.8**	0.164 U	0.123 U	0.0739 U	0.124 U	**36.8**	0.316 U
MW110	Alley Between 8th & 9th Ave	01/23/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**1,260**	0.412 U	0.0940 U	**490**	0.164 U	0.123 U	0.0739 U	0.124 U	**1.39**	0.316 U
(dup)		01/23/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**1,120**	0.412 U	0.0940 U	**499**	0.164 U	0.123 U	0.0739 U	0.124 U	**1.51**	0.316 U
MW115	9th Ave N ROW	01/30/19	Peristaltic	1.28 UJ	0.823 U	0.174 UJ	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 UJ	0.124 U	**12.4**	0.316 U
MW116	9th Ave N ROW	01/30/19	Bladder	1.28 UJ	0.823 U	0.174 UJ	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 UJ	0.124 U	0.118 U	0.316 U
MW119	9th Ave N ROW	01/21/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**1.24**	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
MW120	8th Ave N ROW	01/24/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**125**	0.412 U	**0.255 J**	**34.3**	**0.394 J**	0.123 U	0.0739 UJ	0.124 U	**1.64**	0.316 U
MW131	Property	01/29/19	Peristaltic	**3.81 J**	0.823 U	0.174 UJ	0.162 U	0.117 U	0.199 U	**0.516 J+**	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 UJ	0.124 U	**0.539**	0.316 U
		03/11/19	Peristaltic	**25.4**	0.823 U	0.174 U	0.162 U	**0.145 J**	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 U	0.124 U	0.118 U	0.316 U
MW-142	8th Ave N ROW	01/28/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	0.153 U	0.164 U	0.123 U	0.0739 UJ	0.124 U	**3.45**	0.316 U
(dup)		01/28/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	**0.208 J**	0.164 U	0.123 U	0.0739 UJ	0.124 U	**3.38**	0.316 U
MW-144	8th Ave N ROW	01/28/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	0.199 U	0.412 U	0.0940 U	**0.251 J**	0.164 U	0.123 U	0.0739 UJ	0.124 U	**40.4**	0.316 U
MW-146	Roy St ROW	01/22/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**2.29**	0.412 U	0.0940 U	**21.6**	0.164 U	0.123 U	0.0739 U	0.124 U	**1,370**	0.316 U
MW-149	Property	01/29/19	Peristaltic	128 UJ	82.3 U	17.4 UJ	16.2 U	11.7 U	**23,700**	41.2 U	9.40 U	**3,800**	16.4 U	12.3 U	7.39 UJ	12.4 U	**155**	31.6 U
		03/13/19	Peristaltic	**44.9**	0.823 U	0.174 U	0.162 U	0.117 U	**2,630**	**0.862**	0.0940 U	**2,770**	0.164 U	**0.524**	**0.338 J**	**0.159 J**	**285**	**0.490 J**
MW-151	Property	01/31/19	Peristaltic	**1.71 J**	0.823 U	0.174 U	0.162 U	0.117 U	**106**	0.412 U	0.0940 U	**40.4**	0.164 U	0.123 U	0.0739 U	0.124 U	**158**	0.316 U
		03/12/19	Peristaltic	**23.3**	0.823 U	0.174 U	0.162 U	0.117 U	**0.981**	0.412 U	0.0940 U	**1.36**	0.164 U	0.123 U	0.0739 U	0.124 U	**24.9**	0.316 U
MW-156	8th Ave N ROW	01/24/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**1,720**	0.412 U	0.0940 U	**723**	0.164 U	0.123 U	0.0739 UJ	0.124 U	11.8 U	0.316 U
Intermediate B Water-Bearing Zone																		
MW111	Alley	01/23/19	Peristaltic	1.28 U	0.823 U	0.174 U	0.162 U	0.117 U	**0.492 J**	0.412 U	0.0940 U	**0.176 J**	0.164 U	0.123 U	0.0739 U	0.124 U	**37.6**	0.316 U

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter) GRO	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1-Dichloroethene	cDCE	tDCE	1,2-Dichloropropane	Ethylbenzene	n-Hexane	Isopropylbenzene	p-Isopropyltoluene
Screening Level				**800**	**7,200**	**0.5**	**800**	**130**	–	**80**	**420**	**7.68**	**7**	**16**	**100**	**0.71**	**29**	**480**	**800**	–
MW112	Dexter Ave N	12/21/18	Bladder	31.6 U	**1.50 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW126	Alley	01/22/19	Peristaltic	—	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW130	Property	01/31/19	Bladder	**22,400 J+z**	**9.13 J**	**0.377 J**	**4.57**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**130**	**27,700**	**107**	0.190 U	**0.279 J**	0.305 U	0.126 U	0.138 U
MW-132	Property	01/31/19	Peristaltic	**104 J+z**	**7.79 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.366 J**	**108**	**0.506**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Peristaltic	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.086 U	0.101 U	0.114 U	0.188 U	**22.8**	**0.302 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-134	Property	01/28/19	Bladder	31.6 U	7.59 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.609**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/12/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.086 U	0.101 U	0.114 U	0.188 U	**0.550**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-135	Property	01/31/19	Bladder	**42,700 J+z**	**27.6 J**	**0.695 J**	**0.462 J**	0.140 U	**1.40 J**	0.0860 U	**0.147 J**	**0.396 J**	**225 J**	**37,400**	**68.6 J**	0.190 U	**0.571 J**	0.305 U	**0.136 J**	**0.195 J**
		03/13/19	Bladder	**32,700 J+**	**30.5**	**0.496 J**	**0.707**	0.140 U	**2.69**	0.0860 U	0.101 U	**0.347 J**	**173**	**37,200**	**74.3**	0.190 U	**0.329 J**	0.305 U	0.126 U	0.138 U
MW-136	Property	02/01/19	Bladder	44.5 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.851**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/12/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.330 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
(dup)		03/12/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.378 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-139	Property	01/28/19	Peristaltic	31.6 U	7.66 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Peristaltic	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	**0.385 J**	0.0860 U	0.101 U	0.114 U	0.188 U	**0.187 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-143	8th Ave N ROW	01/29/19	Bladder	31.6 U	1.05 U	**0.141 J**	**0.226 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.241 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-145	8th Ave N ROW	01/29/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.316 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-147	Roy St ROW	01/22/19	Bladder	**663 J+z**	**1.51 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**6.83**	**1,230**	**2.88**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-148	Roy St ROW	01/23/19	Bladder	31.6 U	1.90 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-150	Property	01/29/19	Peristaltic	**11,900 J+z**	105 U	8.96 U	10.1 U	14.0 U	14.1 U	8.60 U	10.1 U	11.4 U	**35.9 J**	**18,100**	**36.7 J**	19.0 U	15.8 U	30.5 U	12.6 U	13.8 U
		03/13/19	Peristaltic	**7,540 J+**	**7.76 J**	**0.165 J**	**1.63**	0.140 U	**2.94**	**0.21 J**	0.101 U	0.114 U	**19.1**	**15,000**	**50.5**	0.190 U	**0.185 J**	0.305 U	0.126 U	0.138 U
MW-152	Property	01/31/19	Peristaltic	**44,300 J+z**	**30.9**	**0.416 J**	**16.4**	0.140 U	0.141 U	**0.137 J**	0.101 U	0.114 U	**86.3**	**58,400**	**101**	0.190 U	**0.342 J**	0.305 U	0.126 U	**0.196 J**
		03/12/19	Peristaltic	**55,900 J+**	**51.5 J**	2.24 U	**11.3 J**	3.5 U	3.52 U	2.15 U	2.52 U	2.85 U	**112**	**127,000**	**781**	4.75 U	3.95 U	7.62 U	3.15 U	3.45 U
MW-157	8th Ave N ROW	01/24/19	Peristaltic	**1,870 J+z**	**1.31 J**	0.0896 U	0.101 U	0.140 U	**0.505 J**	0.0860 U	0.101 U	0.114 U	**16.7**	**4,250**	**14.2**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
W-MW-01	8th Ave N ROW	01/25/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.459 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.396 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
W-MW-02	8th Ave N ROW	01/25/19	Peristaltic	**37.4 J**	1.05 U	**0.133 J**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**1.83**	**0.263 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Peristaltic	31.6 U	**3.26 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**2.41**	**0.316 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
Deep Water-Bearing Zone																				
MW102	Valley St ROW	01/24/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW103	Alley	01/23/19	Peristaltic	—	**23.0 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**11.4**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW104	8th Ave N ROW	02/01/19	Bladder	**191 J+**	**72.7**	0.0896 U	**0.179 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.415 J**	**30.6**	**0.326 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/13/19	Bladder	**124 J+**	**9.26 J**	0.0896 U	**0.232 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**4.72**	**83.0**	**1.93**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW105	Roy St ROW	01/23/19	Bladder	31.6 U	1.73 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**1.51**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter)																							
				MEK		MIBK		Napthalene		n-propylbenzene		Styrene		PCE		Toluene		1,1,1-Trichloroethane		TCE		CFC-113		1,2,4-TMB		1,2,3-TMB		1,3,5-TMB		VC		Total Xylenes	
Screening Level				**4,800**		**640**		**160**		**800**		**1,600**		**2.4**		**72**		**200**		**1**		**240,000**		–		–		**80**		**0.2**		**10,000**	
MW112	Dexter Ave N	12/21/18	Bladder	1.28	U	**1.06**	**J**	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW126	Alley	01/22/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW130	Property	01/31/19	Bladder	1.28	U	0.823	U	**0.204**	**J**	0.162	U	0.117	U	**23,700**		**1.51**	**J+**	0.0940	U	**4,640**		0.164	U	**1.09**		**0.622**		**0.394**	**J**	**1,740**		**1.22**	**J**
MW-132	Property	01/31/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**22.9**		0.412	U	0.0940	U	**1.95**		0.164	U	0.123	U	0.0739	U	0.124	U	**269**		0.316	U
		03/11/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**7.03**		0.412	U	0.0940	U	**1.22**		0.164	U	0.123	U	0.0739	U	0.124	U	**57.3**		0.316	U
MW-134	Property	01/28/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	**32.4**		0.316	U
		03/12/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.094	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**17.7**		0.316	U
MW-135	Property	01/31/19	Bladder	**4.87**	**J**	0.823	U	**0.227**	**J**	**0.376**	**J**	0.117	U	**56,500**		**5.12**	**J+**	0.0940	U	**9,530**		0.164	U	**2.50**	**J**	**1.08**	**J**	**0.786**	**J**	**1,090**		**3.43**	**J**
		03/13/19	Bladder	**6.73**		0.823	U	**0.327**	**J**	**0.322**	**J**	0.117	U	**57,300**		**2.43**		0.0940	U	**8,150**		0.164	U	**2.09**		**1.07**		**0.655**		**706**		**1.90**	
MW-136	Property	02/01/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**1.26**		0.412	U	0.0940	U	0.293	U	0.164	U	0.123	U	0.0739	U	0.124	U	**0.186**	**J**	0.316	U
		03/12/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.206**	**J**	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
(dup)		03/12/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.262**	**J**	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW-139	Property	01/28/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	0.118	U	0.316	U
		03/11/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**5.77**		0.316	U
MW-143	8th Ave N ROW	01/29/19	Bladder	1.28	UJ	0.823	U	0.174	UJ	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	0.118	U	0.316	U
MW-145	8th Ave N ROW	01/29/19	Bladder	1.28	UJ	0.823	U	0.174	UJ	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	**0.335**	**J**	0.316	U
MW-147	Roy St ROW	01/22/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**98.2**		0.412	U	0.0940	U	**179**		0.164	U	0.123	U	0.0739	U	0.124	U	**738**		0.316	U
MW-148	Roy St ROW	01/23/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**1.24**		0.412	U	0.0940	U	**0.347**	**J**	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW-150	Property	01/29/19	Peristaltic	128	UJ	82.3	U	17.4	UJ	16.2	U	11.7	U	**303**		41.2	U	9.4	U	**548**		16.4	U	12.3	U	7.39	UJ	12.4	U	**1,370**		31.6	U
		03/13/19	Peristaltic	**12.8**		0.823	U	0.174	U	0.162	U	0.117	U	**36.00**		0.412	U	0.0940	U	**262**		0.164	U	0.123	U	0.0739	U	0.124	U	**479**		0.316	U
MW-152	Property	01/31/19	Peristaltic	**9.01**		0.823	U	**0.266**	**J**	**0.281**	**J**	0.117	U	**38,300**		**2.61**	**J+**	0.0940	U	**3,920**		0.164	U	**2.37**		**0.932**		**0.615**		**9,600**		**2.10**	
		03/12/19	Peristaltic	**37.0**	**J**	20.6	U	4.35	U	4.05	U	2.92	U	398	U	10.3	U	2.35	U	**18,700**		4.1	U	3.08	U	1.85	U	3.1	U	**11,000**		7.9	U
MW-157	8th Ave N ROW	01/24/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	**1.65**		0.164	U	0.123	U	0.0739	UJ	0.124	U	**674**		0.316	U
W-MW-01	8th Ave N ROW	01/25/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	**0.587**		0.164	U	0.123	U	0.0739	U	0.124	U	**5.46**		0.316	U
		03/11/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.520**		0.412	U	0.0940	U	**0.301**	**J**	0.164	U	0.123	U	0.0739	U	0.124	U	**7.24**		0.316	U
W-MW-02	8th Ave N ROW	01/25/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	**2.09**		0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**2.01**		0.316	U
		03/11/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	**1.12**		0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**2.43**		0.316	U
Deep Water-Bearing Zone																															
MW102	Valley St ROW	01/24/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.22**	**J**	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	0.118	U	0.316	U
MW103	Alley	01/23/19	Peristaltic	**8.78**		0.823	U	0.174	U	0.162	U	0.117	U	**0.365**	**J**	**1.35**		0.0940	U	**1.48**		0.164	U	0.123	U	0.0739	U	0.124	U	**6.68**		0.316	U
MW104	8th Ave N ROW	02/01/19	Bladder	**68.5**		0.823	U	0.174	U	0.162	U	0.117	U	**12.1**		0.412	U	0.0940	U	**3.22**		0.164	U	0.123	U	0.0739	U	0.124	U	**32.4**		0.316	U
		03/13/19	Bladder	**2.04**	**J**	0.823	U	0.174	U	0.162	U	0.117	U	**31.6**		**0.455**	**J**	0.0940	U	**75.7**		0.164	U	0.123	U	0.0739	U	0.124	U	**25.9**		0.316	U
MW105	Roy St ROW	01/23/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.790**		0.412	U	0.0940	U	**0.317**	**J**	0.164	U	0.123	U	0.0739	U	0.124	U	**0.392**	**J**	0.316	U

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter)																
				GRO	Acetone	Benzene	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,1-Dichloroethane	1,1-Dichloroethene	cDCE	tDCE	1,2-Dichloropropane	Ethylbenzene	n-Hexane	Isopropylbenzene	p-Isopropyltoluene
Screening Level				**800**	**7,200**	**0.5**	**800**	**130**	–	**80**	**420**	**7.68**	**7**	**16**	**100**	**0.71**	**29**	**480**	**800**	–
MW113	9th Ave N ROW	01/30/19	Peristaltic	–	5.25 U	**1.02 J**	0.505 U	0.700 U	0.705 U	0.4300 U	0.505 U	0.570 U	**8.61**	**6,330**	**22.8**	0.950 U	0.790 U	1.52 U	0.630 U	0.690 U
		02/07/19	Peristaltic	**3,100 J+z**	**2.79 J**	**0.811**	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	**0.141 J**	**9.92**	**6,990**	**25.7**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-133	Property	02/01/19	Bladder	46.4 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**1.94**	**12.4**	**0.588**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/13/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**1.33**	**7.48**	**0.483 J**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-137	Property	02/01/19	Bladder	58.4 U	1.05 U	0.0896 U	**0.114 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.616**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.275 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-138	Dexter Ave N	01/03/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	0.0933 U	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/14/19	Bladder	31.6 U	1.05 U	0.0896 U	**0.286 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.262 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-141	Property	01/30/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**0.479 J**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
		03/11/19	Bladder	31.6 U	**1.24 J**	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**1.30**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-153	Roy St ROW	01/22/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**1.41**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-158A	8th Ave N ROW	01/24/19	Bladder	31.6 U	1.05 U	0.0896 U	**0.491 J**	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**2.54**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-160	8th Ave N ROW	01/25/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	0.188 U	**5.08**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-161	8th Ave N ROW	01/25/19	Bladder	31.6 U	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	0.0860 U	0.101 U	0.114 U	**0.489 J**	**1.26**	0.152 U	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-162	Property	02/05/19	Bladder	–	–	1.00 U	–	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	**4.23**	**1,070**	**9.58**	1.00 U	1.00 U	–	1.00 U	1.00 U
		03/12/19	Peristaltic	**690 J+**	1.05 U	0.0896 U	0.101 U	0.140 U	0.141 U	**0.521**	0.101 U	0.114 U	**2.39**	**758**	**2.63**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-163	Property	02/05/19	Bladder	–	–	1.00 U	–	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	**9.12**	**42.2**	1.00 U	1.00 U	1.00 U	–	1.00 U	1.00 U
	(dup)	02/05/19	Bladder	–	–	1.00 U	–	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	**9.31**	**40.3**	1.00 U	1.00 U	1.00 U	–	1.00 U	1.00 U
		03/12/19	Bladder	**319 J+**	**1.13 J**	0.0896 U	**0.248 J**	0.140 U	0.141 U	**0.436 J**	0.101 U	0.114 U	**14.1**	**56.9**	**2.87**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U
MW-164	Property	02/05/19	Bladder	–	–	1.00 U	–	1.00 U	1.00 U	**3.83**	1.00 U	1.00 U	**8.74**	**385**	**3.41**	1.00 U	1.00 U	–	1.00 U	1.00 U
		03/12/19	Bladder	**565 J+**	**1.27 J**	0.0896 U	**1.07**	0.140 U	0.141 U	**2.99**	0.101 U	0.114 U	**8.58**	**529**	**4.24**	0.190 U	0.158 U	0.305 U	0.126 U	0.138 U

Notes:

1. All groundwater sampling perfomed after 2016 conducted by PES Environmental, Inc.
2. – = not available
3. Detected results shown in bold, detections above the screening level highlighted in gray
4. dup = field duplicate sample
5. U = not detected at or above the laboratory method detection limit (MDL); detections above the MDL but below the laboratory reported detection limit (RDL) are qualified with a "J"
6. J = the identification of the analyte is acceptable; the reported value is an estimate
7. J+ = The result is an estimated quanitity, but the result may be biased high.
8. B = the same analyte is found in the associated blank
9. z = No/low level gasoline/petroleum detection; result is likely elevated due to high detections of CVOCs
10. GRO = gasoline range organics
11. Chloroethane is also known as ethyl chloride
12. cDCE = cis-1,2-dichloroethene
13. tDCE = trans-1,2-dichloroethene
14. Isopropylbenzene is also known as cumene
15. MEK = methyl ethyl ketone (2-Butanone)
16. MIBK = methyl isobutyl ketone (4-Methyl-2-penatone)
17. CFC-113 = 1,1,2-trichlorotrifluoroethane
18. PCE = perchloroethylene (tetrachloroethene)
19. TCE = trichloroethene
20. 1,2,4-TMB = 1,2,4-trimethylbenzene
21. 1,3,5-TMB = 1,3,5-trimethylbenzene
22. VC = vinyl chloride

Table 3

Petroleum Hydrocarbons and VOCs Detected in First Quarter 2019 Groundwater Samples
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Sampling Method	Analytical Results (micrograms per liter)																					
				MEK		MIBK		Napthalene		n-propylbenzene		Styrene		PCE		Toluene		1,1,1-Trichloroethane		TCE		CFC-113		1,2,4-TMB		1,2,3-TMB		1,3,5-TMB		VC		Total Xylenes	
Screening Level				**4,800**		**640**		**160**		**800**		**1,600**		**2.4**		**72**		**200**		**1**		**240,000**		–		–		**80**		**0.2**		**10,000**	
MW113	9th Ave N ROW	01/30/19	Peristaltic	6.40	UJ	4.120	U	0.870	UJ	0.810	U	0.585	U	0.995	U	2.060	U	0.4700	U	**2.81**		0.620	U	0.615	U	0.370	UJ	0.620	U	**34.8**		1.58	U
		02/07/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	**1.77**		0.164	U	0.123	U	0.0739	U	0.124	U	**46.0**		0.316	U
MW-133	Property	02/01/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**22.4**		0.412	U	0.0940	U	**9.29**		0.164	U	0.123	U	0.0739	U	0.124	U	**4.36**		0.316	U
		03/13/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**4.45**		0.412	U	0.0940	U	**5.92**		0.164	U	0.123	U	0.0739	U	0.124	U	**10.8**		0.316	U
MW-137	Property	02/01/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**1.48**		0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**0.365**	**J**	0.316	U
		03/11/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.344**	**J**	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**0.179**	**J**	0.316	U
MW-138	Dexter Ave N	01/03/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	**0.442**	**J**	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
		03/14/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**1.49**		0.412	U	0.0940	U	**0.167**	**J**	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW-141	Property	01/30/19	Bladder	1.28	UJ	0.823	U	0.174	UJ	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	UJ	0.124	U	0.118	U	0.316	U
		03/11/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.701**		0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**0.557**		0.316	U
MW-153	Roy St ROW	01/22/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	0.153	U	0.164	U	0.123	U	0.0739	U	0.124	U	**15.9**		0.316	U
MW-158A	8th Ave N ROW	01/24/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	**0.325**	**J**	0.164	U	0.123	U	0.0739	UJ	0.124	U	**7.58**		0.316	U
MW-160	8th Ave N ROW	01/25/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	0.199	U	0.412	U	0.0940	U	**0.263**	**J**	0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW-161	8th Ave N ROW	01/25/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**0.472**	**J**	0.412	U	0.0940	U	**1.66**		0.164	U	0.123	U	0.0739	U	0.124	U	0.118	U	0.316	U
MW-162	Property	02/05/19	Bladder	–		–		1.00	U	1.00	U	1.00	U	**2,800**		1.00	U	1.00	U	**613**		–		1.00	U	–		1.00	U	**128**		1.00	U
		03/12/19	Peristaltic	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**613**		0.412	U	0.0940	U	**538**		0.164	U	0.123	U	0.0739	U	0.124	U	**46.5**		0.316	U
MW-163	Property (dup)	02/05/19	Bladder	–		–		1.00	U	1.00	U	1.00	U	**218**		1.00	U	1.00	U	**150**		–		1.00	U	–		1.00	U	**2.95**		1.00	U
		02/05/19	Bladder	–		–		1.00	U	1.00	U	1.00	U	**220**		1.00	U	1.00	U	**153**		–		1.00	U	–		1.00	U	**3.45**		1.00	U
		03/12/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**282**		0.412	U	0.094	U	**334**		0.164	U	0.123	U	0.0739	U	0.124	U	**1.10**		0.316	U
MW-164	Property	02/05/19	Bladder	–		–		1.00	U	1.00	U	1.00	U	**871**		**1.80**		1.00	U	**372**		–		1.00	U	–		1.00	U	**4.41**		1.00	U
		03/12/19	Bladder	1.28	U	0.823	U	0.174	U	0.162	U	0.117	U	**444**		0.412	U	0.094	U	**327**		0.164	U	0.123	U	0.0739	U	0.124	U	**7.80**		0.316	U

Notes:

1. All groundwater sampling perfomed after 2016 conducted by PES Environmental, Inc.
2. – = not available
3. Detected results shown in bold, detections above the screening level highlighted in gray
4. dup = field duplicate sample
5. U = not detected at or above the laboratory method detection limit (MDL); detections above the MDL but below the laboratory reported detection limit (RDL) are qualified with a "J"
6. J = the identification of the analyte is acceptable; the reported value is an estimate
7. J+ = The result is an estimated quanitity, but the result may be biased high.
8. B = the same analyte is found in the associated blank
9. z = No/low level gasoline/petroleum detection; result is likely elevated due to high detections of CVOCs
10. GRO = gasoline range organics
11. Chloroethane is also known as ethyl chloride
12. cDCE = cis-1,2-dichloroethene
13. tDCE = trans-1,2-dichloroethene
14. Isopropylbenzene is also known as cumene
15. MEK = methyl ethyl ketone (2-Butanone)
16. MIBK = methyl isobutyl ketone (4-Methyl-2-penatone)
17. CFC-113 = 1,1,2-trichlorotrifluoroethane
18. PCE = perchloroethylene (tetrachloroethene)
19. TCE = trichloroethene
20. 1,2,4-TMB = 1,2,4-trimethylbenzene
21. 1,3,5-TMB = 1,3,5-trimethylbenzene
22. VC = vinyl chloride

Table 4

First Quarter 2019 Groundwater Geochemical Parameters
Former American Linen Supply
700 Dexter Avenue North, Seattle, Washington

Sample Location	Property	Sample Date	Alkalinity (mg $CaCO_3$/L)	Chloride (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	TOC (mg/L)	Iron (mg/L)			Total Manganese (mg/L)	Dissolved Gases (µg/L)		
								Total	Ferrous	Ferric		Methane	Ethane	Ethene
Intermediate A Zone														
BB-8	Roy Street ROW	01/23/19	**280**	**12.4**	**0.891**	**93.3**	**3.43**	**0.0954 J**	–	–	**0.082 J**	**111**	**0.735 J**	0.422 U
MW107	8th Ave N ROW	01/30/19	**564**	**49.2**	0.0227 U	**37.1**	**14.5**	**2.35**	**–**	**–**	**0.947**	**14,500**	**89.2**	**70.3**
MW120	8th Ave N ROW	01/24/19	**206**	**22.4**	**1.98**	**73.6**	**1.78**	**3.68**	0.0	**3.68**	**0.387**	**235**	**2.71**	0.422 U
MW-142	8th Ave N ROW	01/28/19	**784**	**10.1**	0.0227 U	0.0774 U	**27.7**	**2.87**	**2.0**	**0.87**	**2.37**	**3,530**	**17.7**	0.422 U
(dup)		01/28/19	**779**	**10.2**	0.0227 U	0.0774 U	**28.3**	**2.66**	**2.0**	**0.66**	**2.46**	**3,490**	**18.5**	0.422 U
MW-144	8th Ave N ROW	01/28/19	**735**	**149**	0.0227 U	0.0774 U	**15.1**	**1.98**	–	–	**1.66**	**13,700**	**495**	**1,140**
MW-146	Roy Street ROW	01/22/19	**249**	**15.8**	0.0227 U	**32.1**	**3.43**	**1.76**	**2.0**	0.0	**0.56**	**2,460**	**1.84**	**107**
MW-156	8th Ave N ROW	01/24/19	**554**	**25.1**	0.0227 U	**67.6**	**34.3**	**3.42**	0.0	**3.42**	**6.59**	**2,470**	**44.8**	0.422 U
Intermediate B Zone														
MW-143	8th Ave N ROW	01/29/19	**400**	**58.5**	0.0227 U	**3.12 J**	**7.02**	**1.6**	**0.75**	**0.85**	**0.378**	**8,520**	**134**	0.422 U
MW-145	8th Ave N ROW	01/29/19	**255**	**43.5**	**0.219**	**55.4**	**4.80**	**4.85**	0.0	**4.85**	**0.193**	**276**	0.296 U	0.422 U
MW-147	Roy Street ROW	01/22/19	**302**	**56.2**	0.0227 U	**43.2**	**5.2**	**6.01**	**1.0**	**5.0**	**0.646**	**4,210**	**2.10**	**100**
MW-148	Roy Street ROW	01/23/19	**151**	**17.7**	0.0227 U	**154**	**4.04**	**10.1**	–	–	**0.594**	**1390**	0.296 U	**2.84**
MW-157	8th Ave N ROW	01/24/19	**421**	**43.2**	0.0227 U	**24.1**	**12.9**	**5.25**	**3.0**	**2.3**	**1.17**	**4,970**	**37.4**	**124**
W-MW-01	8th Ave N ROW	01/25/19	**235**	**31.7**	0.0227 UJ	**56.9**	**7.93**	**11.1**	**1.5**	**9.6**	**0.552**	**291**	**2.43**	**3.41**
W-MW-02	8th Ave N ROW	01/25/19	**876**	**91**	**0.0665 J**	0.0774 U	**33.7**	**20.8**	**2.0**	**18.8**	**3.71**	**11,300**	**0.67 J**	0.422 U
Deep Zone														
MW102	Valley Street ROW	01/24/19	**162**	**5.19**	**0.0553 J**	**1.74 J**	**4.36**	**6.46**	0.0	**6.46**	**0.363**	**172**	0.296 U	0.422 U
MW104	8th Ave N ROW	02/01/19	**79.8**	**6.74**	0.0227 U	**5.50**	**6.72**	**37.0**	0.0	**37.0**	**0.656**	**605**	**2.41**	**29.4**
MW105	Roy Street ROW	01/23/19	**210**	**28.1**	0.0227 U	**11.0**	**1.96**	**13.8**	–	–	**0.809**	**286**	0.296 U	**4.19**
MW113	9th Ave N ROW	02/07/19							**2.5**	**2.5**				
MW-138	Dexter Ave N ROW	01/03/19	**125**	**14.1**	0.0227 U	**47.5**	**3.90**	**2.19**	0.00	**2.2**	**0.375**	**61.3**	**0.621 J**	**0.573 J**
MW-153	Roy Street ROW	01/22/19	**156**	**9.91**	0.0227 U	**13.2**	**1.92**	**3.01**	0.0	**3.0**	**0.299**	**387**	0.296 U	**4.89**
MW-158A	8th Ave N ROW	01/24/19	**329**	**29.7**	0.0227 U	**26.8**	**7.95**	**181**	0.0	**181**	**3.07**	**196**	**2.52**	**8.12**
MW-160	8th Ave N ROW	01/25/19	**134**	**10.7**	0.0227 U	**1.87 J**	**3.98**	**59.1**	**0.5**	**58.6**	**1.22**	**766**	**11.7**	0.422 U
MW-161	8th Ave N ROW	01/25/19	**282**	**25.5**	0.0227 UJ	**13.4**	**4.52**	**7.34**	0.0	**7.3**	**0.784**	**69.0**	0.296 U	0.422 U

NOTES:

1. mg/L = milligrams per liter
2. ug/L = micrograms per liter
3. $mgCaCO_3$/L= milligrams of calcium carbonate per liter
4. µS/cm = microSiemens per centimeter
5. mV = millivolts
6. ORP = oxidation-reduction potential
7. < = not detected at concentration
8. Ferric iron = total iron minus ferrous iron; if total iron < ferrous iron, ferric iron is reported as 0
9. PES = PES Environmental, Inc.
10. SES = SoundEarth Strategies, Inc.
11. Q = Sample was prepared and/or analyzed past recommended holding time.
12. V = The sample concentration is too high to evaluate accurate spike recoveries.

Table 5

First Quarter 2019 Soil Vapor Analytical Results
Former American Linen Supply
700 Dexter Avenue North Seattle, Washington

Sample Location	Sample Name	Sample Date	Analytical Results (micrograms per cubic meter)									
			PCE		TCE		cDCE		tDCE		VC	
MTCA Method B Soil Gas Screening Level			**321**		**12**		**–**		**–**		**9.3**	
SV01	SV01-020619	02/06/19	2.72	U	2.14	U	1.59	U	1.59	U	1.02	U
SV02	SV02-020619	02/06/19	2.72	U	2.14	U	1.59	U	1.59	U	1.02	U
SV03	SV03-020619	02/06/19	2.72	U	2.14	U	1.59	U	1.59	U	1.02	U

Notes:

1. Laboratory analyses conducted by Pace Analytical of Mount Juliet, TN
2. VOCs analyzed by U.S. Environmental Protection Agency Method Modified TO-15 Low Level Analysis.
3. PCE = perchloroethylene (tetrachloroethene)
4. TCE = trichloroethene
5. cDCE = cis-1,2-dichloroethene
6. tDCE = trans-1,2-dichloroethene
7. VC = vinyl chloride
8. MTCA = Washington State Model Toxics Control Act
9. Detected results shown in bold, detections exceeding MTCA Method B sub-slab screening levels highlighted in gray
10. U = not detected at a concentration exceeding laboratory reporting limit
11. – = screening level not established

ILLUSTRATIONS

Explanation

🟨	Approximate Property Boundary
SS	Sanitary Sewer Line
SD	Storm Drain Line
▬	Combined Main
N 231800 E 1268300 +	Coordinate Reference Point (NAD83, Washington State Plane North, US Feet)
IW-1A ◆	Treatment Zone A Injection Well
IW-13B ◆	Treatment Zone B Injection Well
IW-6C ◆	Treatment Zone C Injection Well
IW-11D ◆	Treatment Zone D Injection Well
MW101 ⊕	Shallow Zone Monitoring Well
GEI-4 ⊕	Intermediate A Zone Monitoring Well
W-MW-02 ⊕	Intermediate B Zone Monitoring Well
MW105 ⊕	Deep Zone Monitoring Well
R-MW1 ⊗	Decommissioned Monitoring Well
DB14 ◎	Soil Boring Location
SV01 ◆	Soil Gas Monitoring Point
N 231800 E 1268300 +	Coordinate Reference Point (NAD83, Washington State Plane North, US Feet)

N

0 15
SCALE IN FEET

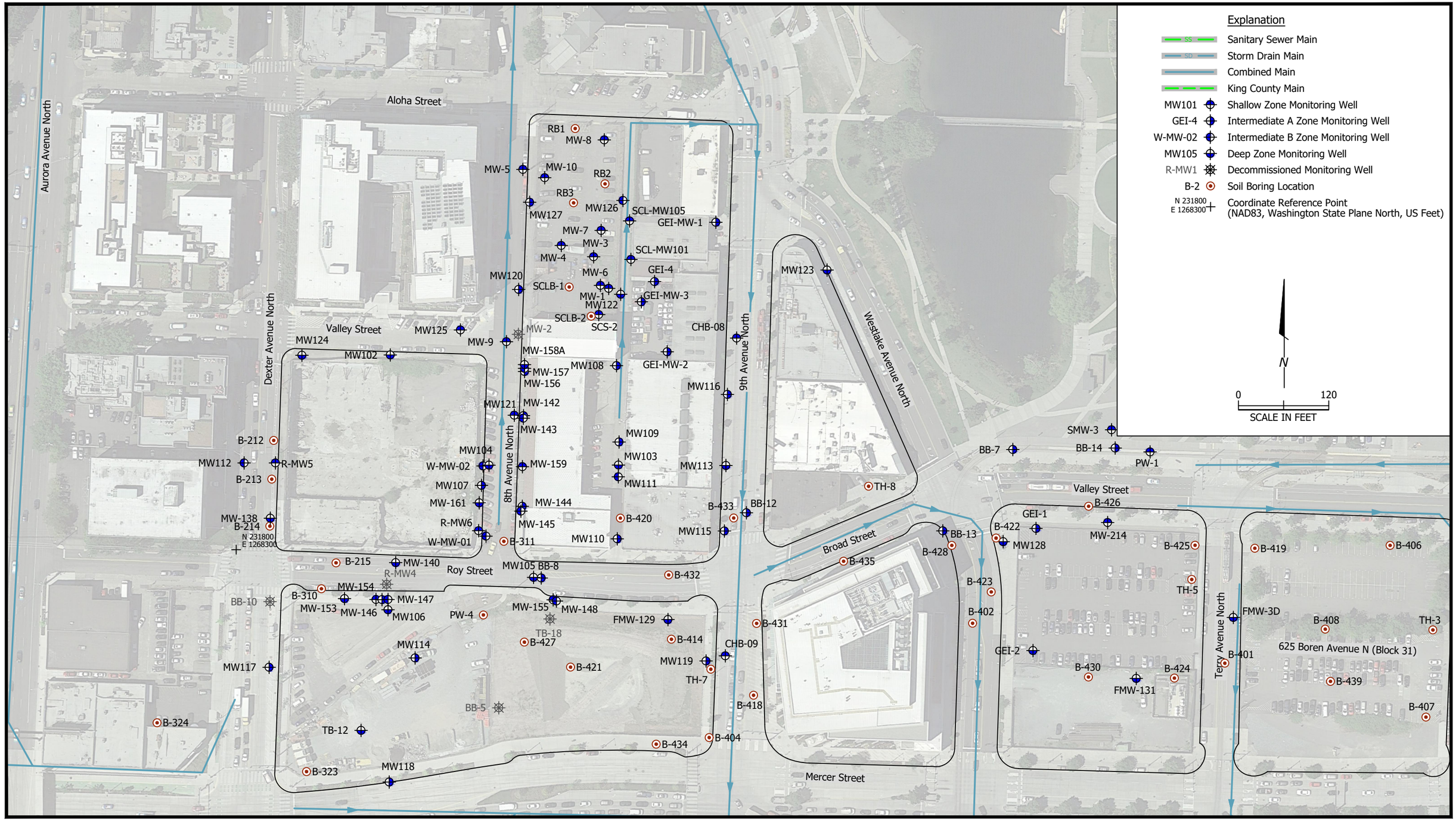
Aerial Photo: June 27, 2016 (Google 2017)

PES Environmental, Inc.
Engineering & Environmental Services

Property Exploration Location Map
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
1

JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE
1413.001.02.102	141300102102_19Q1_1	DRAFT	4/19

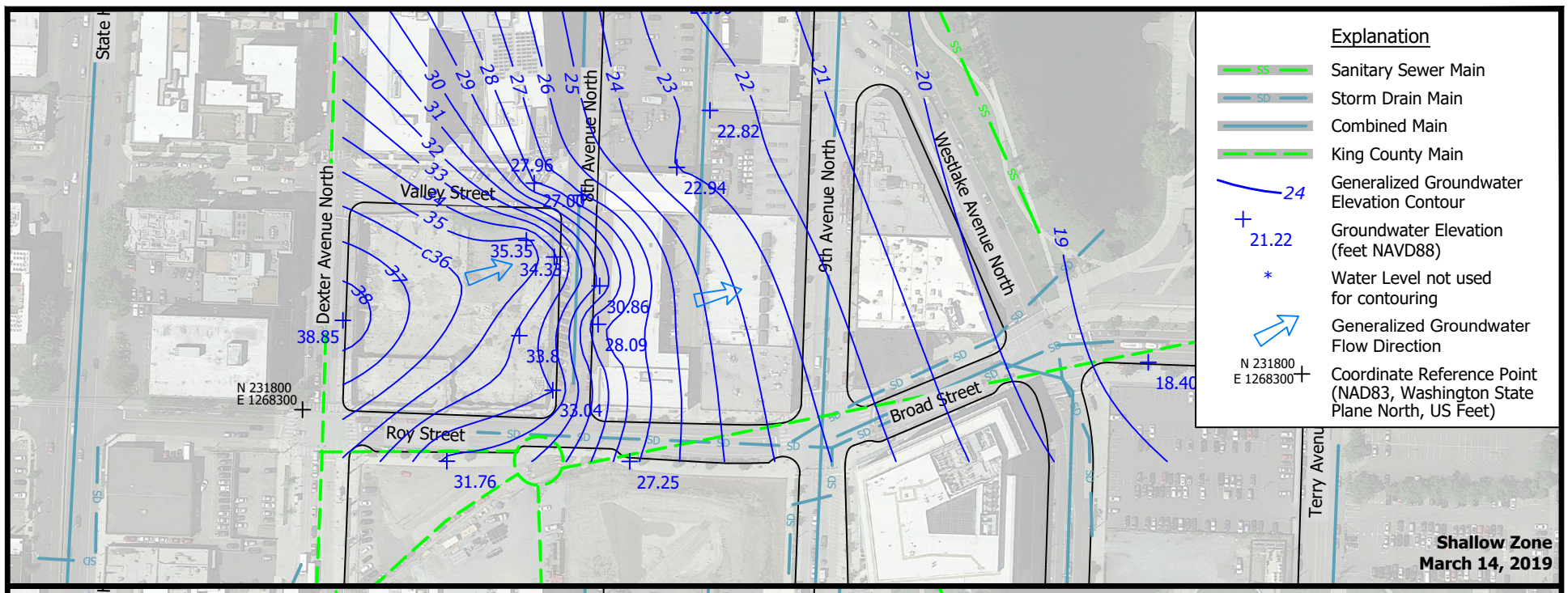


PES Environmental, Inc.
Engineering & Environmental Services

Site-Wide Exploration Location Map
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
2

1413.001.02.102	141300102102_19Q1_2	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

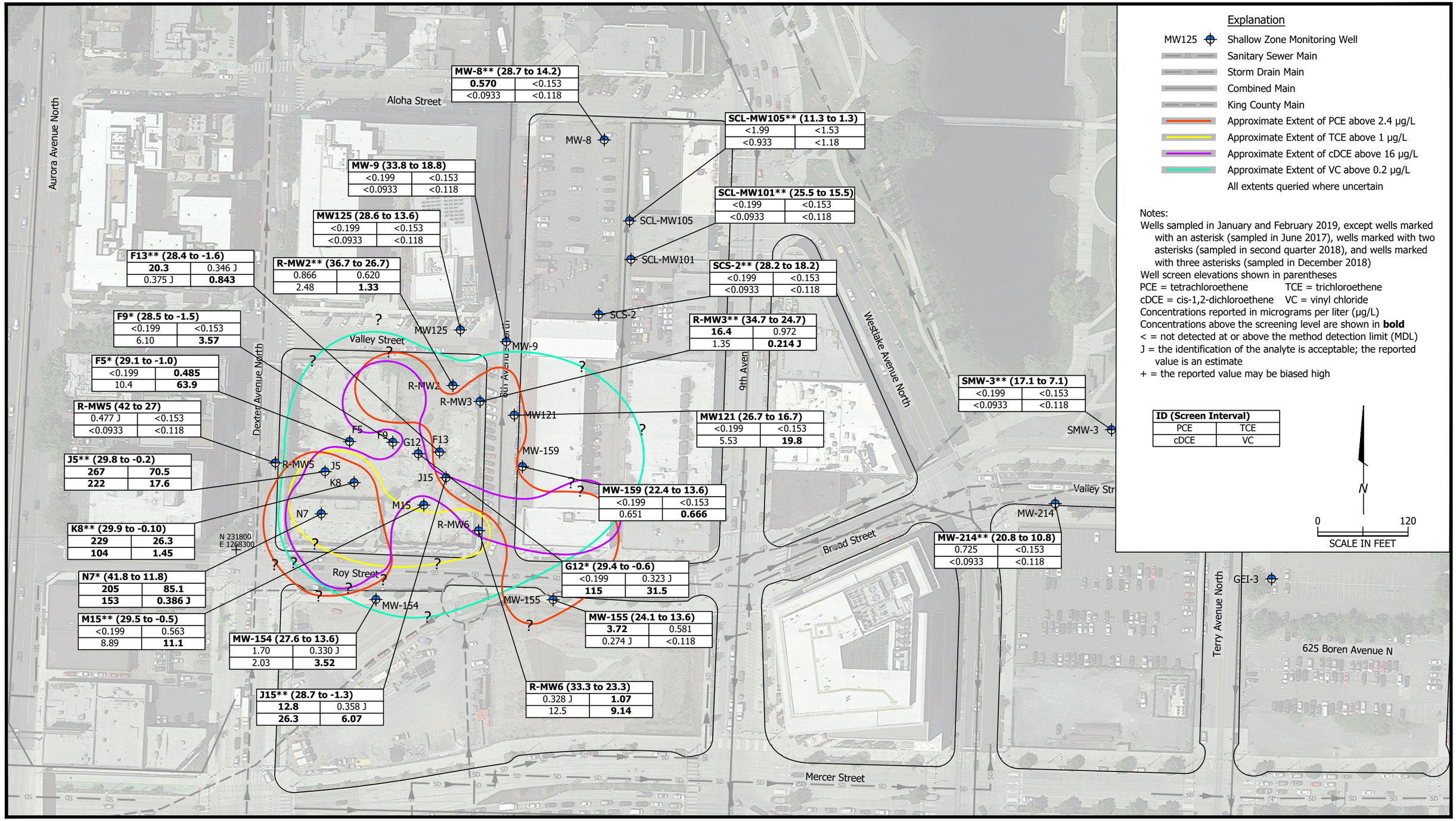


PES Environmental, Inc.
Engineering & Environmental Services

Groundwater Elevation Contours
March 14, 2019
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

PLATE
3

1413.001.02.102	141300102102_19Q1_3	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

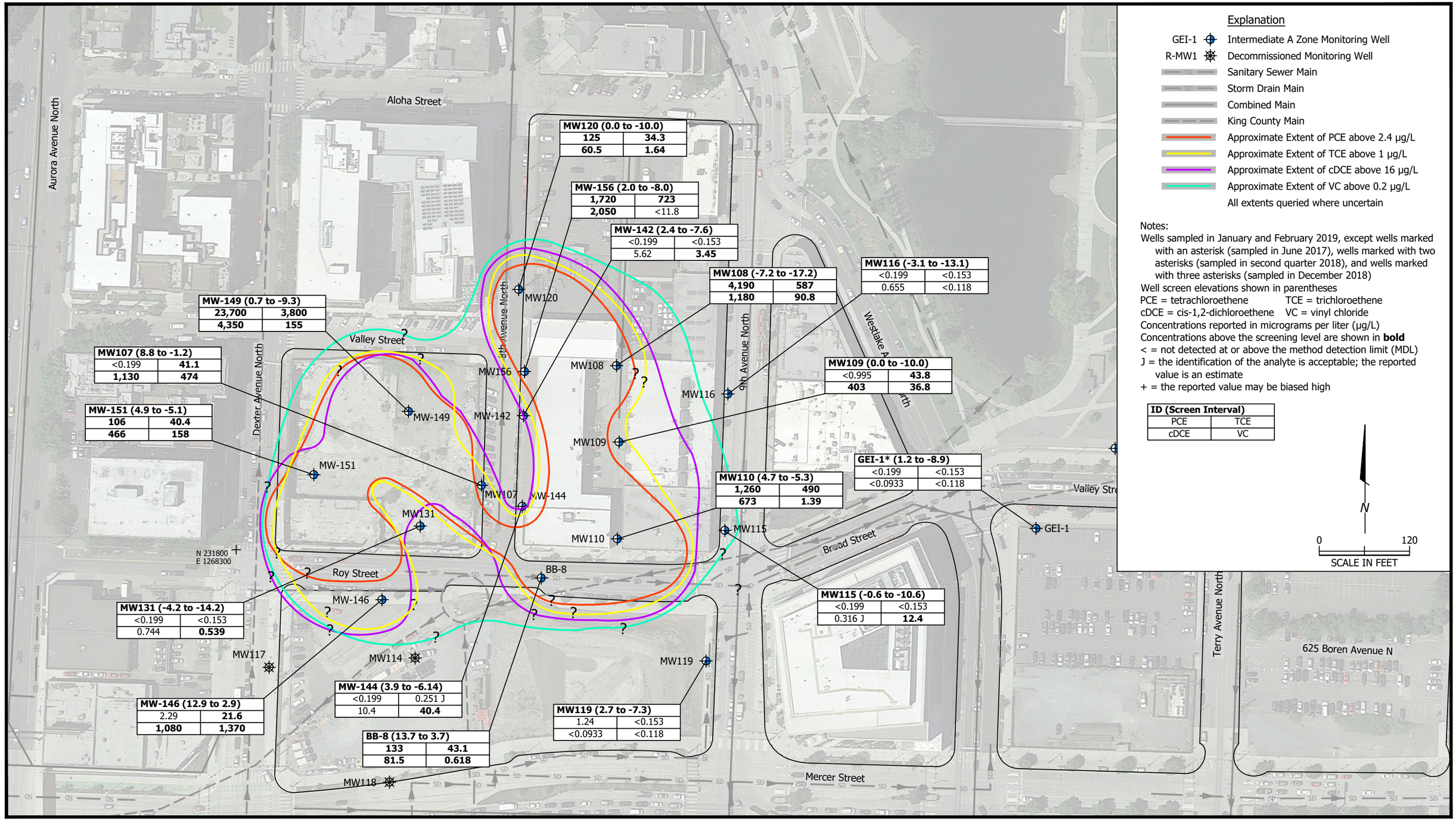


PES Environmental, Inc.
Engineering & Environmental Services

2019 CVOCs in Groundwater
Shallow Zone
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
4

1413.001.02.102	141300102102_19Q1_4	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



PES Environmental, Inc.
Engineering & Environmental Services

2019 CVOCs in Groundwater
Intermediate A Zone
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
5

1413.001.02.102	141300102102_19Q1_5	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE

Aloha Street

Valley Street

Broad Street

Roy Street

9th Avenue North

8th Avenue North

Dexter Avenue North

Westlake Avenue North

MW126 (-54.1 to -64.1)	
<0.199	<0.153
<0.0933	<0.118

MW-150 (-13.3 to -23.3)	
303	**548**
18,100	**1,370**

MW-135 (-30.9 to -40.9)	
56,500	**9,530**
37,400	**1,090**

MW-157 (-28.3 to -38.2)	
<0.199	**1.65**
4,250	**674**

MW-134 (-39.6 to -48.6)	
<0.199	<0.153
0.609	**32.4**

MW130 (-30.9 to -40.9)	
23,700	**4,640**
27,700	**1,740**

MW-143 (-27.7 to -37.6)	
<0.199	<0.153
0.241 J	<0.118

MW111 (-33.5 to -43.5)	
0.492 J	0.176 J
1.70	**37.6**

MW112** (-17.3 to -27.3)	
<0.199	<0.153
<0.0933	<0.118

W-MW-02 (-26.5 to -36.5)	
<0.199	<0.153
1.83	**2.01**

MW-152 (-10.2 to -20.2)	
38,300	**3,920**
58,400	**9,600**

MW-145 (-26.1 to -36.1)	
<0.199	<0.153
0.316 J	**0.335 J**

N 231800
E 1268300

MW-136 (-32.7 to -42.7)	
1.26	0.293 J
0.851	0.186 J

W-MW-01 (-25.1 to -35.1)	
<0.199	0.587
0.459 J	**5.46**

MW-132 (-29.9 to -39.9)	
22.9	**1.95**
108	**269**

MW-139 (-30.2 to -40.2)	
<0.199	<0.153
<0.0933	<0.118

MW-148 (-25.7 to 35.7)	
1.24	0.347 J
<0.0933	<0.118

MW-147 (-17.6 to 27.6)	
98.2	**179**
1,230	**738**

MW126 MW-150 MW-135 MW130 MW112 MW-152 MW-132 W-MW-02 MW111 MW-157 MW-134 MW-143 MW-145 MW-139 W-MW-01 MW-136 MW-147 MW-148

Explanation

- MW126 — Intermediate B Zone Monitoring Well
- Sanitary Sewer Main
- Storm Drain Main
- Combined Main
- King County Main
- Approximate Extent of PCE above 2.4 µg/L
- Approximate Extent of TCE above 1 µg/L
- Approximate Extent of cDCE above 16 µg/L
- Approximate Extent of VC above 0.2 µg/L
- All extents queried where uncertain

Notes:
Wells sampled in January and February 2019, except wells marked with an asterisk (sampled in June 2017), wells marked with two asterisks (sampled in second quarter 2018), and wells marked with three asterisks (sampled in December 2018)
Well screen elevations shown in parentheses
PCE = tetrachloroethene TCE = trichloroethene
cDCE = cis-1,2-dichloroethene VC = vinyl chloride
Concentrations reported in micrograms per liter (µg/L)
Concentrations above the screening level are shown in **bold**
< = not detected at or above the method detection limit (MDL)
J = the identification of the analyte is acceptable; the reported value is an estimate
+ = the reported value may be biased high

ID (Screen Interval)	
PCE	TCE
cDCE	VC

N

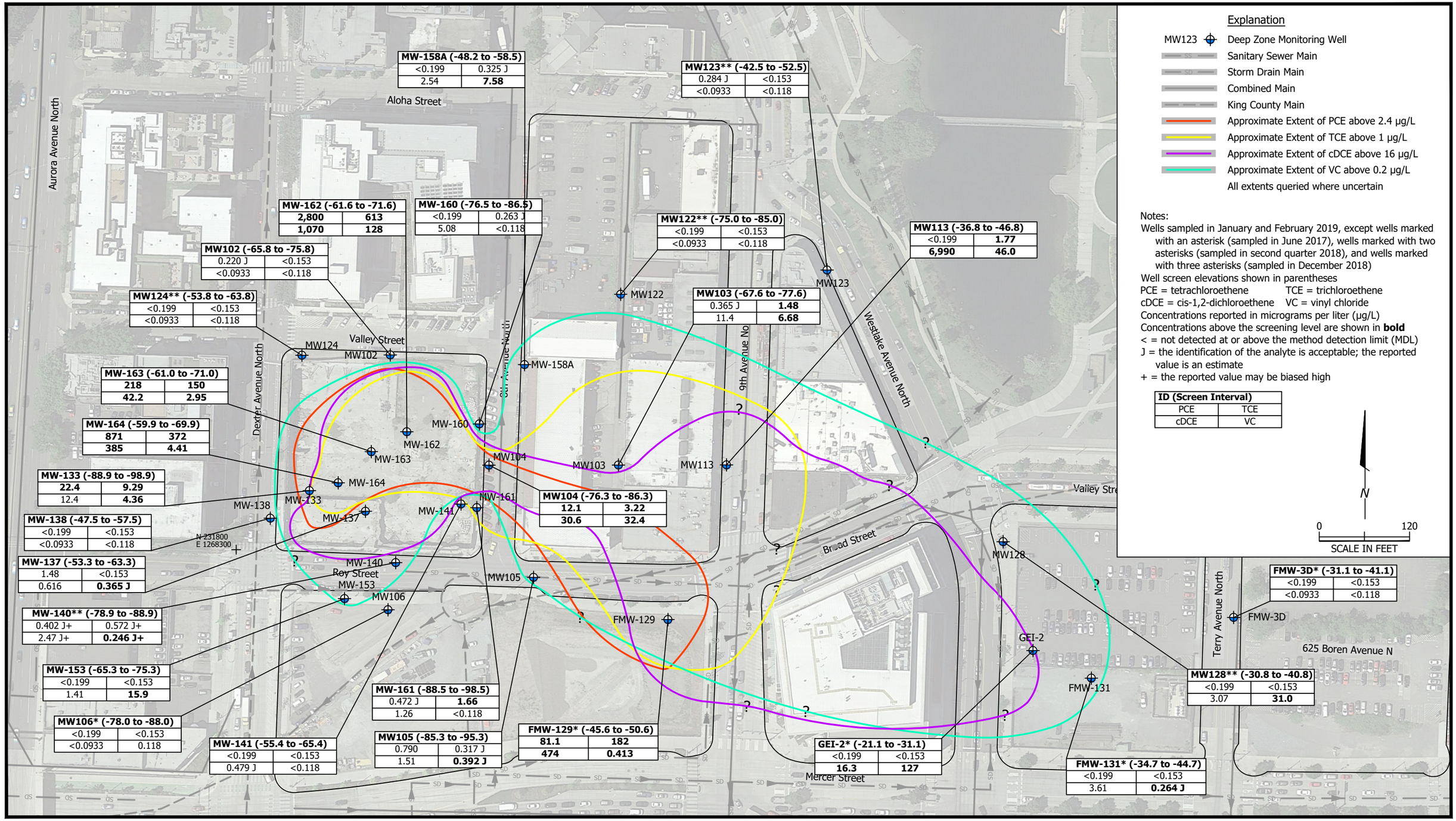
0 120
SCALE IN FEET

PES Environmental, Inc.
Engineering & Environmental Services

2019 CVOCs in Groundwater
Intermediate B Zone
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
6

1413.001.02.102	141300102102_19Q1_6	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE



PES Environmental, Inc.
Engineering & Environmental Services

2019 CVOCs in Groundwater
Deep Zone
Former American Linen Supply
700 Dexter Avenue North
Seattle, Washington

FIGURE
7

1413.001.02.102	141300102102_19Q1_7	DRAFT	4/19
JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE