Aspect
A Geosyntec Company

April 17, 2025

Tena Seeds
Washington State Department of Ecology
Northwest Regional Office
15700 Dayton Avenue North
Shoreline, Washington 98133

Re: 2025 Groundwater and Soil Vapor Monitoring Plan
American Linen Supply Co. Dexter Avenue Site
Facility Site ID No. 3573 | Cleanup Site ID No. 21004
Agreed Order No. DE 14302

Dear Tena:

Aspect Consulting, a Geosyntec company, (Aspect) prepared this letter on behalf of BMR-Dexter LLC (BMRD) to request that the Washington Department of Ecology (Ecology) approve proposed changes to the reoccurring groundwater and soil vapor monitoring plan for the American Linen Supply Co. Dexter Avenue Site (Site) in Seattle, Washington.

BMRD's consultants have been conducting groundwater and soil vapor monitoring on a quarterly basis at the Site since the Interim Action (IA) began in 2018, as outlined in the following plans:

- Final Interim Action Work Plan (IAWP), prepared by PES Environmental (PES), dated August 2018
- Final Contingent Action Addendum to the Final IAWP, prepared by PES, dated February 14, 2019
- Final Remedial Investigation/Feasibility Study Work Plan (RI/FS Work Plan), prepared by PES, dated December 4, 2019
- Final RI/FS Work Plan Addendum, prepared by PES, dated June 11, 2020
- Final IAWP Addendum No. 2, prepared by PES, dated February 22, 2022
- 2023 Groundwater and Soil Vapor Monitoring Plan, prepared by PES, dated January 30, 2023

Scope Changes to Quarterly Monitoring Events

The attached table presents proposed changes to the scope of the quarterly groundwater and soil vapor monitoring plan in support of the next phase of the Interim Action, which is outlined in the Draft IAWP Addendum No. 3 dated March 18, 2025**.** Aspect, on behalf of BMRD, previously requested changes affecting the scope for the First Quarter 2025 in its Quarterly Monitoring Change Request dated January 28, 2025, and subsequent email dated February 5, 2025. Ecology approved the changes for First Quarter 2025 via your emails dated January 31, 2025, and February 5, 2025, and Aspect incorporated the changes when implementing the First Quarter 2025 monitoring event in February 2025.

Reporting activities for the 2025 monitoring events will consist of preparing Data Reports on a quarterly basis, due to Ecology by the last day of the first full quarter after the validated data is received, as follows:

- The First Quarter 2025 Data Report is due to Ecology on June 30, 2025
- The Second Quarter 2025 Data Report is due on September 30, 2025
- The Third Quarter 2025 Data Report is due on December 31, 2025
- The Fourth Quarter 2025 Data Report is due on March 31, 2026

Each Data Report will include: a description of the monitoring activities performed, tables presenting the groundwater levels and validated analytical data, maps showing the groundwater elevation contours, and analytical data for each hydrostatic zone. The laboratory reports and data validation report(s) will be attached.

Decommission MW112R

Monitoring well MW112R was installed under oversight by NV5 (BMRD's prior consultant) in October 2023 to replace monitoring well MW112, because it was anticipated that when installed a tie back from the redevelopment excavation to the west of Dexter Avenue could damage the well casing of the original MW112 monitoring well. Monitoring well MW112R, screened in the Intermediate B Zone and located in the eastern bike lane of Dexter Avenue North, contains what appears to be sediment inside the well casing that prevents accurate groundwater level measurements and collection of analytical groundwater samples. BMRD's prior environmental consultant, NV5, first observed the sediment during the Fourth Quarter 2024 monitoring event. On January 13, 2025, Aspect assessed the monitoring well's condition prior to the First Quarter 2025 monitoring event and noted the following:

- There was standing water in the bike lane inside and above the rim of the monitoring well vault.
- After emptying the standing water from the vault and removing the J-plug from the monitoring well, Aspect noted staining on the inside of the well casing that indicates surface water / sediment infiltration.
- The measured depth-to-water in the well was 35.60 feet below the top of the casing (btoc). There was a slight obstruction as the water level indicator was lowered to measure the total depth of the monitoring well. The obstruction was ultimately dislodged. The total depth of the monitoring well was measured at 86.4 feet btoc, which is consistent with the reported depth of installation. Thick, black sediment coated the water level indicator tape as it was removed from the monitoring well.
- A borehole camera was lowered into the monitoring well to assess the integrity of the casing two separate times. However, the view from the borehole camera was quickly occluded with black sediment each time at approximately 35-40 feet btoc (at the static water level).
- A bailer was lowered into the well to attempt to remove as much sediment as possible. Three bailer-volumes of water/sediment were removed from the well. A strong, sulfur-like odor was noted from the material that was removed. The bailer repeatedly got stuck on the

sides of the well casing due to the sediment's stickiness, and the bailer could not be lowered past the top of the water column.

The cause of the sediment inside the well casing is unknown but may be related to a damaged well casing and/or the monitoring well's location in a low point of the bike lane where surface water frequently ponds and there is greater susceptibility to surface water and sediment infiltration. We conclude that in its current condition, MW112R is not usable for continued groundwater monitoring.

Therefore, we request Ecology's approval to immediately decommission MW112R and eliminate it from the monitoring program for the following reasons that indicate decommissioning MW112R will not impact the effectiveness of the well network for continued groundwater monitoring at the Site:

- MW112R is located on the upgradient side of the 700 Dexter property and is upgradient of the historical and current extents of Site contaminants of concern (COCs) in groundwater. Groundwater elevations (and subsequently hydraulic gradient) in the Intermediate B Zone in this upgradient part of the Site are adequately characterized by monitoring wells MW-303 and MW-307.
- MW112/MW112R have been sampled for Site COCs over a total of 18 separate events between April 2019 and May 2024. During this time, Site COCs have not exceeded the Site-specific cleanup levels during any event, and Site COCs were only detected twice more than two years ago at orders of magnitude below the Site-specific cleanup levels: PCE was detected at a concentration of 0.248 micrograms per liter (ug/L) during January 2020, and TCE was detected at a concentration of 0.016 ug/L in February 2021. No Site COCs have been detected in MW112 or MW112R in the subsequent 10 sampling events.

Alternatives to proceeding immediately with decommissioning MW112R are contracting a licensed driller to rehabilitate and redevelop MW112R, and then inspecting the well casing for damage using a borehole camera. If no damage is identified, monitoring activities would resume at well MW112R, and each quarter it would be inspected for evidence of sediment in the well casing. If damage is identified, then MW112R would require replacement. Given the rationale listed above, in our opinion continued monitoring at the MW112R location does not offer high-value data to the project that would offset the costs associated with attempting to rehabilitate and possibly replace well MW112R. Therefore, we request Ecology's approval to immediately decommission MW112R and eliminate it from the monitoring program.

Sincerely,

Aspect consulting

Ali Cochrane, LG
Senior Geologist
ali.cochrane@geosyntec.com

Jeremy Porter, PE
Sr. Principal Remediation Engineer
jeremy.porter@geosyntec.com

Attachments: Table 1 – Proposed 2025 Groundwater and Soil Vapor Monitoring Plan
Table 2 – Groundwater Analytical Data (1Q2019 to 2Q2024) for MW112/MW112R

cc: John Moshy, BMRD

\\ASP-Sea-01\Deliverables\240461 Biomed Dexter Yard Env Support\Deliverables\2025 Groundwater and Soil Vapor Monitoring Plan\Final\ML Edits_Request Letter_20250328 4934-9923-7168 version 3.docx

TABLES

Table 1. Revised 2025 Groundwater and Soil Vapor Monitoring Plan

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

Notes, Definitions, Acronyms, and Abbreviations

1. bgs = below ground surface
2. NAVD88 = North American Vertical Datum of 1988
3. VOCs = volatile organic compounds by EPA Method 8260 (water) or TO-15 (soil vapor)
4. GRO = gasoline-range organics by Ecology Method NWTPH-Gx
5. Geochem = geochemical
6. X = to be analyzed for the parameter shown
7. – = not specified for sampling or not applicable
8. (t) = pressure transducer deployed in well
9. Q = analyzed quarterly; SA = analyzed semiannually; A = analyzed annually; Q# = analyzed in the quarter listed
10. Full geochemical suite includes alkalinity (Method 2320 B); chloride, nitrate, and sulfate (Method 9056A); total organic carbon (TOC; Method 9060A); total iron and manganese (Method 6020B); total ferrous iron (Hach Kit); and dissolved gases (methane, ethane, and ethene; Method RSK175)
11. Limited geochemical suite includes sulfate, TOC, total metals (total iron and manganese), and dissolved gases (methane, ethane, and ethene)
12. Red text indicates a change from the previously-approved sampling plan.

Sampling Location	Well Location	Well or Probe Depth (feet bgs)	Well or Probe Screen Elevation (feet NAVD88)	Proposed 2025 Monitoring																								Rationale for Change
				Quarterly Water Levels	Sampling Purpose	First Quarter				Second Quarter						Third Quarter						Fourth Quarter						
								Geochem				Geochem						Geochem						Geochem				
						VOCs	GRO	Full Suite	Limited Suite	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	
Shallow Zone Wells																												
FMW-143	9th Ave N ROW	28	10 to 5	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW121	8th Ave N ROW	25	26.7 to 16.7	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW125	Valley Street ROW	30	28.6 to 13.6	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-154	Roy Street ROW	35	28.1 to 18.1	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-155	Roy Street ROW	30	24.4 to 14.4	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-159	8th Ave N ROW	30.4	22.9 to 12.9	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-210	Valley St E of Westlake Ave N	20	17.1 to 7.1	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-214	Valley St E of Westlake Ave N	17	20.8 to 10.8	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-301	Valley Street ROW near MW102	28.3	35.6 to 25.6	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-305	Dexter Ave N ROW, S of Roy St	32.8	37.4 to 27.4	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-310	Alley near MW108	23.8	19.2 to 9.2	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-312	Alley near MW103	25.8	19.9 to 9.9	X (t)	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-313	Alley near MW110	29.5	20.4 to 10.4	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-320	9th Ave N, near MW113	25.5	18.6 to 8.6	X (t)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-332	N sidewalk of Roy St, E of MW-313	30.3	16.0 to 6.0	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-337	Near Lake Union, east of MW123	19.7	18.1 to 8.1	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-339	Near Lake Union, near MW-327	20.1	18.2 to 8.2	X (t)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-8	800 Aloha St Parcel	19	28.7 to 14.2	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-9	8th Ave N ROW	22	34.1 to 19.1	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
R-MW5	Dexter Ave N ROW	30	42.4 to 27.4	X	Upgradient	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
R-MW6	8th Ave N ROW	22	33.3 to 23.3	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
SCL-MW101	Alley near MW-309	15	25.5 to 15.5	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
SCL-MW105	Alley near MW126	30	11.3 to 1.3	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SCS-2	800 Aloha St Parcel	21	28.2 to 18.2	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Intermediate A Zone Wells																												
BB-8	Roy Street ROW	40	14.0 to 4.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
DIA-1	East Side of 8th Ave N	TBD	0 to -20	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-8	Alley between 8th & 9th Ave	TBD	0 to -20	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-28	Alley between 8th & 9th Ave	TBD	7 to -8	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
FMW-142	9th Ave N ROW	42.5	-4.6 to -9.6	X	Plume	–	–	–	--	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
GEI-1	630 Westlake Ave N	36.8	1.2 to -8.8	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
GEI-MW-1	9th Ave N ROW, N of MW-317	59.8	-9.7 to -29.7	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW107	8th Ave N ROW	45	8.8 to -1.2	X	IA	X	–	–	–	X	–	–	X	–	–	X	–	–	–	–	–	X	–	X	–	–	–	
MW108	Alley between 8th & 9th Ave	50	-7.2 to -17.2	X	Plume	–	–	–	–	X	–	–	X	X	X	X	–	–	X	–	–	X	–	X	–	X	X	Well located within Phase 1 injection radius; Evaluate bioaugmentation performance
MW109	Alley between 8th & 9th Ave	45	-0.0 to -10.0	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW110	Alley between 8th & 9th Ave	45	4.7 to -5.3	X (t)	Plume	X	–	–	X	X	–	–	X	X	X	X	–	–	X	–	–	X	–	X	–	X	X	Well located within Phase 1 injection radius; Evaluate bioaugmentation performance
MW115	9th Ave N ROW	45	-0.6 to -10.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW116	9th Ave N ROW	45	-3.0 to -13.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW119	9th Ave N ROW S of Roy St	45	2.7 to -7.3	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW120	8th Ave N ROW	50	-0.0 to -10.0	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Decrease in CVOC concentrations in Fourth Quarter 2024
MW127	8th Ave N ROW	50	-1.0 to -11.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-142	8th Ave N ROW	50	2.4 to -7.6	X (t)	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-144R	8th Ave N ROW	50.1	2.8 to -7.3	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-146	Roy Street ROW	49.8	12.9 to 2.9	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-156	8th Ave N ROW	49.6	2.0 to -8.0	X	IA	–	–	–	–	X	–	–	X	X	X	X	–	–	X	–	–	X	–	X	–	X	X	Well located within Phase 1 injection radius; Evaluate VFAs and microbes where TOC is marginal
MW-189	Valley Street ROW, next to MW102	58.8	-1.2 to -11.2	X	IA	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-302	Dexter Ave N ROW, W of MW-151	64.3	3.0 to -7.0	X	Upgradient	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-306	Dexter Ave N ROW, S of Roy St	52.8	17.2 to 7.2	X (t)	Upgradient	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-308	Alley north of MW122	45.1	-4.7 to -14.7	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-315	Mercer St ROW, S of the Property	47.4	12.2 to 2.3	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-317	9th Ave N, north of MW116	38.2	3.4 to -6.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-325	Mercer St ROW, W of 9th Ave N	44.5	7.0 to -3.0	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-327	E of Westlake Ave N near lake	34.8	3.6 to -6.3	X (t)	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-330	Across Valley St from MW-301	62.1	-0.1 to -10.1	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-331	North end of alley near MW126	45.5	-4.3 to -14.3	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-333	N side of Roy St near FMW-140	43.2	-1.5 to -11.5	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-344	SDOT Mercer Parcel - NW Quadrant	49.7	13.6 to 3.6	X	SDOT IA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-351	SDOT Mercer Parcel - NW Quadrant	45	Yet to be surveyed	X	SDOT IA	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	

Table 1. Revised 2025 Groundwater and Soil Vapor Monitoring Plan

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

Sampling Location	Well Location	Well or Probe Depth (feet bgs)	Well or Probe Screen Elevation (feet NAVD88)	Proposed 2025 Monitoring																								Rationale for Change
				Quarterly Water Levels	Sampling Purpose	First Quarter				Second Quarter						Third Quarter						Fourth Quarter						
								Geochem				Geochem						Geochem						Geochem				
						VOCs	GRO	Full Suite	Limited Suite	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	
Intermediate B Zone Wells																												
DIA-3	East Side of 8th Ave N	TBD	-20 to -40	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-7	East Side of 8th Ave N	TBD	-20 to -40	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-26	Alley between 8th & 9th Ave	TBD	-10 to -25	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-40	W side of 9th Ave N	TBD	-20 to -35	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-48	W side of 9th Ave N	TBD	-20 to -35	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-52	W side of 9th Ave N	TBD	-20 to -35	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-56	W side of 9th Ave N	TBD	-20 to -35	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
FMW-141	Alley Between 8th & 9th Ave	57.5	-12.1 to -22.1	X	Plume	–	–	–	–	X	–	–	X	–	–	X	–	–	X	–	–	X	–	X	–	–	–	Well located within Phase 1 injection radius
HMW-9IB	SDOT Mercer Parcels, NW quadrant	67.0	-1.6 to -11.6	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	SDOT Pilot Area - CVOC concentrations are low and stable for 1-2 years. Decrease to semiannual.
MW111	Alley Between 8th & 9th Ave	80	-33.5 to -43.5	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Proximity to treatment and increasing trend
MW112	Dexter Ave N ROW	85	-17.2 to -27.2	X	Upgradient	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW126	Alley Between 8th & 9th Ave	95	-54.1 to -64.1	X (t)	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-143	8th Ave N ROW east of Property	80	-27.7 to -37.6	X (t)	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-145R	8th Ave N ROW east of Property	80.2	-27.5 to -37.5	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-147	Roy Street ROW south of Property	80	-17.6 to -27.6	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-148	Roy Street ROW SE of Property	80	-25.7 to -35.7	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-157	8th Ave N ROW east of Property	79.8	-28.3 to -38.2	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-190	Valley Street ROW, next to MW102	88.8	-30.2 to -40.2	X	IA	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-303	Dexter Ave N ROW, NW of MW130	81.4	-13.8 to -23.8	X	Upgradient	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-307	Dexter Ave N ROW, S of Roy St	82.8	-12.4 to -22.4	X (t)	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-309	Alley north of MW122	72.4	-32.0 to -42.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-311	Alley near MW108	72.2	-29.1 to -39.1	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-314	Alley near MW110	77.8	-28.0 to -38.0	X (t)	Plume	X	–	–	X	X	–	–	X	–	–	X	–	–	X	–	–	X	–	X	–	–	–	Proximity to treatment and rapidly decreasing trend
MW-316	Mercer St ROW, S of the Property	69.8	-10.0 to -20.0	X (t)	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-318	9th Ave N, north of MW116	64.8	-23.1 to -33.1	X	Plume	–	–	–	–	X	–	–	X	X	X	–	–	–	–	–	–	X	–	X	–	X	X	Evaluate VFAs and microbes on fringes of TOC and CVOC plumes
MW-322	9th Ave N, adjacent to MW113	64.7	-21.3 to -31.3	X (t)	Plume	–	–	–	–	X	–	–	X	X	X	X	–	–	X	–	–	X	–	X	–	X	X	Well located within Phase 1 injection radius
MW-334	N side of Roy St near FMW-140	63	-21.7 to -31.7	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-335	N side of Mercer St, E of MW-326	70.8	-25.6 to -35.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-338	Near Lake Union, next to MW-337	54.4	-16.6 to -26.6	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-340	Near Lake Union, next to MW-327	54.4	-16.1 to -26.1	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-345	SDOT Mercer Parcels, NW quadrant	64.7	-1.6 to -11.6	X	SDOT IA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-346	SDOT Mercer Parcels, NW quadrant	64.23	-2.2 to -12.2	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	SDOT Pilot Area - CVOC concentrations are low and stable for 1-2 years. Decrease to semiannual.
MW-347	SDOT Mercer Parcels, NW quadrant	64.34	-1.3 to -13.3	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	SDOT Pilot Area - CVOC concentrations are low and stable for 1-2 years. Decrease to semiannual.
MW-348	SDOT Mercer Parcels, SW quadrant	68.87	-4.6 to -14.6	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	SDOT Pilot Area - CVOC concentrations are low, nearby trends are stable. Decrease to semiannual.
MW-349	SDOT Mercer Parcels, SW quadrant	68.92	-2.8 to -12.8	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	SDOT Pilot Area - CVOC concentrations are low and stable for 1-2 years. Decrease to semiannual.
MW-350	SDOT Mercer Parcels, NW quadrant	69.73	-1.7 to -10.7	X	SDOT IA	X	–	–	X	X	–	–	X	–	–	X	–	X	–	–	–	X	–	X	–	–	–	
W-MW-01	8th Ave N ROW east of Property	80	-25.1 to -35.1	X	IA	X	–	–	–	X	–	–	X	–	–	X	–	–	–	–	–	X	–	X	–	–	–	
W-MW-02	8th Ave N ROW east of Property	80	-26.3 to -36.3	X	IA	X	–	–	–	X	–	–	X	–	–	X	–	–	–	–	–	X	–	X	–	–	–	

Table 1. Revised 2025 Groundwater and Soil Vapor Monitoring Plan

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

Sampling Location	Well Location	Well or Probe Depth (feet bgs)	Well or Probe Screen Elevation (feet NAVD88)	Proposed 2025 Monitoring																								Rationale for Change
				Quarterly Water Levels	Sampling Purpose	First Quarter				Second Quarter						Third Quarter						Fourth Quarter						
								Geochem				Geochem						Geochem						Geochem				
						VOCs	GRO	Full Suite	Limited Suite	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	
Deep Zone Wells																												
DIA-9	Alley between 8th & 9th Ave	TBD	-45 to -60	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-11	Alley between 8th & 9th Ave	TBD	-68 to -83	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-15	Alley between 8th & 9th Ave	TBD	-45 to -60	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-17	Alley between 8th & 9th Ave	TBD	-68 to -83	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-20	Alley between 8th & 9th Ave	TBD	-63 to -83	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-25	Alley between 8th & 9th Ave	TBD	-45 to -60	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-37	Alley between 8th & 9th Ave	TBD	-63 to -83	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-38	Alley between 8th & 9th Ave	TBD	-45 to -60	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-39	W side of 9th Ave N	TBD	-65 to -80	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-41	W side of 9th Ave N	TBD	-50 to -65	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-44	W side of 9th Ave N	TBD	-65 to -80	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-53	W side of 9th Ave N	TBD	-50 to -65	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-55	W side of 9th Ave N	TBD	-40 to -60	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
DIA-57	W side of 9th Ave N	TBD	-60 to -80	Q3 only	Injections	–	–	–	--	–	–	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	
FMW-129	SDOT property S of Roy St	89.2	-45.6 to -50.6	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
FMW-131	630 Westlake Ave N	72.5	-34.7 to -44.7	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
FMW-137	Mercer St N of 520 Westlake Ave N	85	-39.9 to -54.9	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
FMW-140	900 Roy Street	80	-38.0 to -48.0	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
GEI-2	630 Westlake Ave N	60.5	-21.1 to -31.1	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW102	Valley Street ROW	125	-65.8 to -75.8	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW103	Alley Between 8th & 9th Ave	113.5	-67.6 to -77.6	X	Plume	X	–	–	X	X	–	–	X	–	–	X	–	–	X	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem; adding Q3 for wells in R
MW104	8th Ave N ROW	129	-76.3 to -86.3	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW105	Roy Street ROW	140	-85.3 to -95.3	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW106	West of Roy St	140	-78.0 to -88.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW113	9th Ave N ROW	80	-36.8 to -46.8	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW122	Alley Between 8th & 9th Ave	115	-75.0 to -85.0	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW123	Westlake Ave N ROW	80	-42.5 to -52.5	X	Plume	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW124	Valley Street ROW	120	-53.8 to -63.8	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW128	Westlake Ave N ROW	70	-30.8 to -40.8	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-138	Dexter Ave N ROW	115	-47.6 to -57.6	X	IA	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-153	Roy St ROW W of MW106	130	-65.3 to -75.3	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-158A	8th Ave N, near MW-9	100	-48.2 to -58.5	X	IA	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-160	8th Ave N, N of MW104	128	-75.4 to -85.4	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-161	8th Ave N, S of MW107	140	-85.6 to -95.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-304	Dexter Ave N ROW, NW of MW130	115.2	-47.6 to -57.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-319	9th Ave N, north of MW116	84.5	-42.8 to -52.8	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-323	9th Ave N, adjacent to MW113	110	-65.4 to -75.4	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	X	–	–	X	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem; adding Q3 for wells in R
MW-324	9th Ave N, adjacent to MW115	76.3	-32.1 to -42.1	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-326	Mercer St ROW, W of 9th Ave N	100	-48.7 to -58.7	X (t)	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
MW-326R	Mercer St ROW, W of 9th Ave N	100.6	Yet to be surveyed	X		–	–	–	–	X		–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-328	E of Westlake Ave N near lake	74.5	-36.1 to -46.1	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-329	Westlake Ave N ROW, near MW128	108.3	-69.0 to -79.0	X (t)	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-336	N side of Mercer St, E of MW-326	95.3	-51.6 to -61.6	X	Plume	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	X	–	–	–	–	–	
MW-341	Near Lake Union, next to MW-327	105.2	-66.8 to -76.8	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-342	S side of Valley St, E of MW-214	70.1	-32.4 to -42.4	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem
MW-343	S side of Valley St, E of MW-214	107.7	-71.5 to -81.5	X	Plume	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	Deep zone DIA-area pre-injection geochemical baseline and annual Q4 geochem

Table 1. Revised 2025 Groundwater and Soil Vapor Monitoring Plan

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

Sampling Location	Well Location	Well or Probe Depth (feet bgs)	Well or Probe Screen Elevation (feet NAVD88)	Proposed 2025 Monitoring																								Rationale for Change
				Quarterly Water Levels	Sampling Purpose	First Quarter				Second Quarter						Third Quarter						Fourth Quarter						
								Geochem				Geochem						Geochem						Geochem				
						VOCs	GRO	Full Suite	Limited Suite	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	
Basement Wells – Treatment Zone A																												
MW-165	NE quadrant of the Property near 8th Ave N	22.7	1.2 to -8.8	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-169	Near the center of the Property	22.7	1.2 to -8.8	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-173	SE quadrant of the Property near 8th Ave N	21.7	2.2 to -7.8	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-177	SW quadrant of the Property near Dexter Ave N	21.6	2.3 to -7.7	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-181	SW quadrant of the Property near Roy St	22.4	1.5 to -8.5	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-185	SE quadrant of the Property near Roy St	22.6	1.4 to -8.6	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
Basement Wells – Treatment Zone B																												
MW-166	NE quadrant of the Property near 8th Ave N	36.5	-12.6 to -22.6	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-170	Near the center of the Property	36.7	-12.8 to -22.8	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-174	SE quadrant of the Property near 8th Ave N	36.2	-12.3 to -22.3	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-178	SW quadrant of the Property near Dexter Ave N	35.6	-11.7 to -21.7	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-182	SW quadrant of the Property near Roy St	36.4	-12.5 to -22.5	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-186	SE quadrant of the Property near Roy St	36.6	-12.7 to -22.7	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
Basement Wells – Treatment Zone C																												
MW-167	NE quadrant of the Property near 8th Ave N	51.8	-27.9 to -37.9	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-171	Near the center of the Property	51.5	-27.6 to -37.6	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-175	SE quadrant of the Property near 8th Ave N	51.7	-27.8 to -37.8	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-179	SW quadrant of the Property near Dexter Ave N	51.1	-27.2 to -37.2	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-183	SW quadrant of the Property near Roy St	51.3	-27.4 to -37.4	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-187	SE quadrant of the Property near Roy St	50.9	-27.0 to -37.0	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
Basement Wells – Treatment Zone D																												
MW-168	NE quadrant of the Property near 8th Ave N	66.9	-43.0 to -53.0	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-172	Near the center of the Property	66.4	-42.5 to -52.5	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-176	SE quadrant of the Property near 8th Ave N	66.6	-42.7 to -52.7	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-180	SW quadrant of the Property near Dexter Ave N	66.6	-42.7 to -52.7	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-184	SW quadrant of the Property near Roy St	66.4	-42.5 to -52.5	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
MW-188	SE quadrant of the Property near Roy St	66.1	-42.2 to -52.2	X	IA	–	–	–	–	X	–	–	X	–	–	–	–	–	–	–	–	X	–	X	–	–	–	
Total Primary Samples or Measurements				**141**		**12**	**0**	**0**	**9**	**106**	**0**	**0**	**63**	**5**	**5**	**36**	**0**	**1**	**32**	**0**	**0**	**129**	**0**	**74**	**0**	**5**	**5**	
Duplicates				–	–	1	0	0	1	6	0	0	4		1	2	0	1	2		0	7	0	4	0		1	
Field Blanks				–	–	1	0	0	1	6	0	0	4		1	2	0	1	2		0	7	0	4	0		1	
Trip Blanks				–	–	1	0	0	0	6	0	0	0		0	2	0	0	0		0	7	0	0	0		0	
Total Samples or Measurements				**141**	–	**15**	**0**	**0**	**11**	**124**	**0**	**0**	**71**		**7**	**42**	**0**	**3**	**36**		**0**	**150**	**0**	**82**	**0**		**7**	
Estimated Days Per Event				**1**	–	**3**	–	–	–	**22**	–	–	–	–	–	**8**	–	–	–	–	–	**33**	–	–	–	–	–	
Estimated Person Days Per Event				**6**	–	**3**	–	–	–	**22**	–	–	–	–	–	**8**	–	–	–	–	–	**33**	–	–	–	–	–	
Sampling Days Using Two Samplers				**–**	–	**1.5**	–	–	–	**11**	–	–	–	–	–	**4**	–	–	–	–	–	**17**	–	–	–	–	–	

Table 1. Revised 2025 Groundwater and Soil Vapor Monitoring Plan

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

Sampling Location	Well Location	Well or Probe Depth (feet bgs)	Well or Probe Screen Elevation (feet NAVD88)	Proposed 2025 Monitoring																								Rationale for Change
				Quarterly Water Levels	Sampling Purpose	First Quarter				Second Quarter						Third Quarter						Fourth Quarter						
								Geochem				Geochem						Geochem						Geochem				
						VOCs	GRO	Full Suite	Limited Suite	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	VOCs	GRO	Full Suite	Limited Suite	VFA	Microbial	
Shallow Soil Vapor Probes																												
SV-04	S side of the Roy St ROW, near MW-148	6	38.6 to 38.1	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-06	S side of the Roy St ROW, near MW-146	6	47.9 to 47.4	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-09	W side of 9th Ave N ROW, S of MW-320	6	35.3 to 34.8	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-10	N side of Valley St ROW, E of MW-330	6	46.3 to 45.8	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-12	N side of Valley St ROW, W of MW125	6	39.1 to 38.6	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-14	N sidewalk of Roy St, near the alley	6	35.4 to 34.9	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-16	E side of 8th Ave N ROW, near MW-144R	6	37.5 to 37.0	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-17	E side of 8th Ave N ROW, near SV02	6	36.6 to 36.1	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-18	E side of 8th Ave N ROW, near MW121	6	36.6 to 36.1	–	Soil Vapor	X	–	–	–	X	–	–	–	–	–	X	–	–	–	–	–	X	–	–	–	–	–	
SV-19	W sidewalk of 9th Ave N, near MW115	6	29.7 to 29.2	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-21	Alley E of 800 Aloha Street, near FMW-141	6	29.8 to 29.3	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-23	Alley E of 800 Aloha Street, near MW-311	6	27.9 to 27.4	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-25	Sidewalk next to 801 Dexter Ave N	6	52.7 to 52.2	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-28	Sidewalk next to 717 Dexter Ave N	6	53.1 to 52.6	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Deep Soil Vapor Probes																												
SV01	E sidewalk of 8th Ave N ROW	12.3	30.4 to 29.9	–	Soil Vapor	X	–	–	–	X	–	–	–	–	–	X	–	–	–	–	–	X	–	–	–	–	–	
SV02	E sidewalk of 8th Ave N ROW	11.8	32.1 to 31.6	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV03	E sidewalk of 8th Ave N ROW	12.8	31.8 to 31.3	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-05	S side of the Roy St ROW, near MW-148	13	31.6 to 31.1	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-07	S side of the Roy St ROW, near MW-146	15	38.9 to 38.4	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-08	W side of 9th Ave N ROW, S of MW-320	10	31.4 to 30.9	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-11	N side of Valley St ROW, E of MW-330	14.8	37.4 to 36.9	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-13	N side of Valley St ROW, W of MW125	12	32.9 to 32.4	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-15	N sidewalk of Roy St, near the alley	13	28.5 to 28.0	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-20	W sidewalk of 9th Ave N, near MW115	10	25.7 to 25.2	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-22	Alley E of 800 Aloha Street, near FMW-141	10	25.7 to 25.2	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-24	Alley E of 800 Aloha Street, near MW-311	10	23.8 to 23.3	–	Soil Vapor	–	–	–	–	X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-26	Sidewalk next to 801 Dexter Ave N	12	46.7 to 46.2	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
SV-27	Sidewalk next to 717 Dexter Ave N	15	44.1 to 43.6	–	Soil Vapor	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Total Primary Samples or Measurements				**–**	**–**	**2**	**0**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	
Duplicates				–	–	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	
Field Blanks				–	–	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trip Blanks				–	–	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	
Total Samples or Measurements				**–**	**–**	**4**	**0**	**0**	**0**	**13**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	
Estimated Days Per Event				–	–	1				3						1						1						
Estimated Person Days Per Event				–	–	1				3						1						1						
Sampling Days Using Two Samplers				–	–	1				2						1						1						

Notes:

1. bgs = below ground surface
2. NAVD88 = North American Vertical Datum of 1988
3. VOCs = volatile organic compounds by EPA Method 8260 (water) or TO-15 (soil vapor)
4. GRO = gasoline-range organics by Ecology Method NWTPH-Gx
5. Geochem = geochemical
6. X = to be analyzed for the parameter shown
7. – = not specified for sampling or not applicable
8. (t) = pressure transducer deployed in well; transducers will be downloaded at least annually
9. Q = analyzed quarterly; SA = analyzed semiannually; A = analyzed annually; Q# = analyzed in the quarter listed
10. Full geochemical suite includes alkalinity (Method 2320 B); chloride, nitrate, and sulfate (Method 9056A); total organic carbon (TOC; Method 9060A); total iron and manganese (Method 6020B); total ferrous iron (Hach Kit); and dissolved gases (methane, ethane, and ethene; Method RSK175)
11. Limited geochemical suite includes sulfate, TOC, total metals (total iron and manganese), and dissolved gases (methane, ethane, and ethene)
12. Red text indicates a change from the previously-approved sampling plan.

Table 2. Groundwater Analytical Data (1Q2019 to 2Q2024) for MW112/MW112R

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

				CVOCs						Dissolved Gases				Metals		
Location	Date	Hydrogeologic Zone	Elevation of Screened Interval (feet NAVD88)	Tetrachloroethene (PCE) ug/L	Trichloroethene (TCE) ug/L	cis-1,2-Dichloroethene (cDCE) ug/L	trans-1,2-Dichloroethene ug/L	Vinyl Chloride ug/L	Total CVOCs umoles/L	Ethene ug/L	Ethane ug/L	ETH umoles/L	Methane mg/L	Iron mg/L	Iron, Ferrous, Fe+2 mg/L	Manganese mg/L
Site-Specific Cleanup Levels				**5**	**3.6**	**16**	**16**	**0.29**								
MW112	04/22/2019	Intermediate B	-17.2 to -27.2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 UJ	< 0.008 UJ	**1.13 J**	**1.12 J**	**0.0775 J**	**0.281**	**4.9**	**1**	**0.177**
MW112	07/16/2019	Intermediate B	-17.2 to -27.2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.008 U	< 1.27 U	**3.81**	**0.127**	**0.149**	**1.28**	< 0 U	**0.154**
MW112	10/21/2019	Intermediate B	-17.2 to -27.2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.008 U	< 1.27 U	**5.75**	**0.191**	**0.388**	**1.7**	**0.5**	**0.169**
MW112	01/24/2020	Intermediate B	-17.2 to -27.2	**0.248 J**	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	**0.0015 J**	**35**	< 1.29 U	**1.25**	**1.67**	**3.56**	**2**	**0.22**
MW112	05/07/2020	Intermediate B	-17.2 to -27.2	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.008 U	< 1.27 U	< 1.29 U	< 0.0453 U	**0.752**	**3.22**	**1.5**	**0.239**
MW112	07/27/2020	Intermediate B	-17.2 to -27.2	< 0.1 U	< 0.04 U	< 0.1 U	< 0.2 U	< 0.1 U	< 0.00206 U	< 1.27 U	< 1.29 U	< 0.0453 U	**0.592**	**1.68**	**1.6**	**0.213**
MW112	11/17/2020	Intermediate B	-17.2 to -27.2	< 0.1 U	< 0.04 U	< 0.1 U	< 0.2 U	< 0.1 U	< 0.00206 U	< 1.27 U	< 1.29 U	< 0.0453 U	**0.121**	**3.78**	< 0 U	**0.21**
MW112	02/11/2021	Intermediate B	-17.2 to -27.2	< 0.1 U	**0.016**	< 0.1 U	< 0.2 U	< 0.1 U	**0.000122**	< 1.27 U	< 1.29 U	< 0.0453 U	**0.0938**	**1.57**	--	**0.176**
MW112	05/14/2021	Intermediate B	-17.2 to -27.2	< 0.1 U	< 0.04 U	< 0.1 U	< 0.2 U	< 0.1 U	< 0.00206 U	< 1.27 U	< 1.29 U	< 0.0453 U	**0.0919**	**9.37**	--	**0.309**
MW112	08/17/2021	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	< 0.00059 U	< 4.26 U	< 4.07 U	< 0.152 U	**0.0501**	**1.6**	--	**0.17**
MW112	11/08/2021	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	**0.00171**	< 0.422 U	< 0.296 U	< 0.015 U	**0.135**	**4.84**	**0.6**	**0.248**
MW112	02/24/2022	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	< 0.00059 U	< 0.422 U	**3.28**	**0.109**	**0.0795**	**1.45**	--	**0.184**
MW112	05/13/2022	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	< 0.00059 U	**0.576 J**	**2.06**	**0.089 J**	**0.0824**	**1.33**	--	**0.177**
MW112	08/09/2022	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	< 0.00059 U	**1.95**	**2.69**	**0.159**	**0.123**	**1.08**	--	**0.184**
MW112	11/08/2022	Intermediate B	-17.2 to -27.2	< 0.028 UJ	< 0.016 UJ	< 0.0276 UJ	< 0.0572 UJ	< 0.0273 UJ	< 0.00059 UJ	**2.37**	< 0.296 U	**0.0845**	**0.0496**	**0.672**	**0.5**	**0.0799**
MW112	05/10/2023	Intermediate B	-17.2 to -27.2	< 0.028 U	< 0.016 U	< 0.0276 U	< 0.0572 U	< 0.0273 U	< 0.00059 U	--	--	--	--	--	--	--
MW112R	12/04/2023	Intermediate B	--	< 0.1 U	< 0.04 U	< 0.1 U	< 0.2 U	< 0.1 U	< 0.00206 U	--	--	--	--	--	--	--
MW112R	05/29/2024	Intermediate B	--	< 0.1 U	< 0.04 U	< 0.1 U	< 0.2 U	< 0.1 U	< 0.00206 U	--	--	--	--	--	--	--

Definitions:

Bold - Detected
U - Analyte not detected at or above Reporting Limit (RL) shown
UJ - Analyte not detected and the RL is an estimate
"--" - indicates data not available

Acronyms and Abbreviations:

CVOCs = chlorinated volatile organic co
deg C = degrees Celsius
ETH = sum of ethene and ethane
Fe = iron
ug/L = micrograms per liter
umoles/L = micromoles per liter
uS/cm = microSiemens per centimeter
mg/L = milligrams per liter
mV = millivolts
NAVD88 = North American Vertical Datum of 1988
NTU= Nephelometric Turbidity units
Total CVOCs = sum of molar concentrations of PCE, TCE, cDCE, and VC
VOCs = volatile organic compounds

Table 2. Groundwater Analytical Data (1Q2019 to 2Q2024) for MW112/MW112R

Project No. AS240461, American Linen Supply Co Site, 700 Dexter Ave N, Seattle, Washington

				Conventionals					Field Parameters					
Location	Date	Hydrogeologic Zone	Elevation of Screened Interval (feet NAVD88)	Total Organic Carbon mg/L	Nitrate as Nitrogen mg/L	Sulfate mg/L	Chloride mg/L	Alkalinity, Total mg/L	Temperature deg C	Specific Conductance uS/cm	Dissolved Oxygen mg/L	pH pH units	Oxidation Reduction Potential mV	Turbidity NTU
Site-Specific Cleanup Levels														
MW112	04/22/2019	Intermediate B	-17.2 to -27.2	**6.04**	< 0.1 U	**7.65**	**7.09**	**82.9**	**17**	**196**	**0.38**	**7.52**	**-70**	--
MW112	07/16/2019	Intermediate B	-17.2 to -27.2	**6.12**	< 0.1 U	**17.1**	**8.61**	**112**	**20.2**	**266**	**0.2**	**7.65**	**-143**	--
MW112	10/21/2019	Intermediate B	-17.2 to -27.2	**11.1**	< 0.1 U	**1.82 J**	**5.47**	**58.6**	**16.7**	**152**	**0.57**	**6.55**	**-136**	--
MW112	01/24/2020	Intermediate B	-17.2 to -27.2	**3.41**	< 0.1 U	**0.322 J**	**7.7**	**50.8**	**11.8**	**177**	**0.71**	**6.44**	**-59**	**22.6**
MW112	05/07/2020	Intermediate B	-17.2 to -27.2	**2.91**	< 0.1 U	**2.62 J**	**8.95**	**75.2**	**18.9**	**218**	**0.53**	**7.38**	**-89**	**32**
MW112	07/27/2020	Intermediate B	-17.2 to -27.2	**2.86**	< 0.1 U	**11**	**9.08**	**106**	**24.9**	**289**	**0.4**	**7.57**	**-122**	**75**
MW112	11/17/2020	Intermediate B	-17.2 to -27.2	**1.61**	--	**32.7**	--	--	**14.1**	**306**	**0.98**	**7.59**	**-145**	**32.9**
MW112	02/11/2021	Intermediate B	-17.2 to -27.2	**1.7**	--	**32.4**	--	--	**9.8**	**410**	**1.01**	**7.74**	**-366**	**19.8**
MW112	05/14/2021	Intermediate B	-17.2 to -27.2	**1.77**	--	**35.2**	--	--	**16.4**	**446**	**0.44**	**7.79**	**119**	--
MW112	08/17/2021	Intermediate B	-17.2 to -27.2	**1.52**	--	**34.2**	--	--	**19**	**437.1**	**0.61**	**7.72**	**137.2**	--
MW112	11/08/2021	Intermediate B	-17.2 to -27.2	**1.97**	**0.5**	**29.1**	**11.7**	**164**	**16.3**	**495.4**	**0.55**	**7.76**	**-218.9**	**275**
MW112	02/24/2022	Intermediate B	-17.2 to -27.2	**2.4**	--	**21.3**	--	--	**12.2**	**434**	**1.11**	**7.94**	**-293**	--
MW112	05/13/2022	Intermediate B	-17.2 to -27.2	**1.59**	--	**28.5**	--	--	**18.5**	**459.5**	**0.79**	**7.96**	**-62.9**	--
MW112	08/09/2022	Intermediate B	-17.2 to -27.2	**3.64**	--	**19.9**	--	--	**18.3**	**359**	**1.96**	**7.8**	**-152**	--
MW112	11/08/2022	Intermediate B	-17.2 to -27.2	**4.55**	**0.488**	**0.898 J**	**17.5**	**32.6**	**16.6**	**146.5**	**0.18**	**6.34**	**103.6**	--
MW112	05/10/2023	Intermediate B	-17.2 to -27.2	--	--	--	--	--	--	**146.4**	--	**7.52**	--	--
MW112R	12/04/2023	Intermediate B	--	--	--	--	--	--	--	**476.3**	--	**8.23**	--	--
MW112R	05/29/2024	Intermediate B	--	--	--	--	--	--	**15.6**	**84.1**	**1.11**	**6.27**	**-161.1**	--