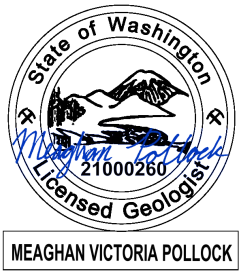
Technical Memorandum

To: Cameron Penner-Ash, LG
Washington State Department of Ecology

Date: January 5, 2026

From: Meaghan Pollock, LG

Project No.: M0239.33.007



Re: Former Park Laundry Site, September 2025 Groundwater Monitoring Summary
Compliance Groundwater Monitoring–Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Cleanup Site ID 4099

On behalf of the City of Ridgefield (City), Maul Foster & Alongi, Inc. (MFA) has prepared this memorandum summarizing the analytical results of compliance groundwater monitoring completed in September 2025. Compliance groundwater monitoring is being conducted subject to the requirements put forth in the *Cleanup Action Plan* presented in Consent Decree No. 23-2-02783-06 (Consent Decree; Ecology 2023a). Compliance monitoring is currently in the performance monitoring stage to assess the effectiveness of the remedial action completed in early 2025

The remedial action was completed within and adjacent to the former Park Laundry property (the Property) located at 122 N Main Avenue in Ridgefield, Washington, which is part of the Park Laundry Site (the Property; see Figure 1). The Property Site is listed with the Washington State Department of Ecology (Ecology) under facility site no. 8100630 and cleanup site no. 4099. The Site is defined by the extent of Property-related contamination related to former dry-cleaning operations, which includes soil and groundwater contamination in the Source Area and groundwater contamination that has migrated beyond the Source Area, which covers an estimated 22 acres (see Figure 2).

Background

Park Laundry operated dry cleaning services on the Property between approximately 1965 and 1977. Park Laundry's dry-cleaning operations resulted in releases of tetrachloroethene (PCE) to soil and groundwater. The remedial action completed between January and April 2025 included excavation and disposal of PCE-contaminated soil, placement of bioremediation product in clean structural rock backfill, and subsurface injections with bioremediation product (MFA 2025).

Remedial action activities occurred within the Source Area[1] and south adjacent parcel owned by the City. This memorandum provides analytical results for groundwater monitoring conducted in September 2025, approximately six months following the completion of the remedial action. Compliance groundwater monitoring will continue quarterly for one year; thereafter, the monitoring frequency may be reduced to semiannually or less frequently and the number of monitoring wells may be reduced depending on the observed concentration trends and Ecology's approval

Hydrogeology

The depth to shallow perched groundwater beneath the Property and upper terrace is approximately 5 to 10 feet bgs and is referred to as the upper water-bearing zone (UWBZ). An unsaturated aquitard consisting of silty clay and silty gravel separates the UWBZ from the lower water-bearing zone (LWBZ). PCE has been detected in the UWBZ beneath and downgradient of the Property, in the deep portion of the UWBZ on the Port of Ridgefield property to the west, and in the LWBZ beneath and downgradient of the Source Area.

Groundwater Monitoring

The compliance monitoring well network includes nineteen monitoring wells located at the Site (see Table 1 and Figure 2). Three monitoring wells are located at the Port of Ridgefield (MW-29D, MW-46D, MW-47D) and three monitoring walls are installed in the lower water bearing zone (MW-23D through MW-25D; see Figure 2). MFA conducted quarterly groundwater monitoring and sampling activities on September 24, 25, and 30, 2025. Monitoring was completed consistent with the Ecology-approved *Sampling and Analysis Plan/Quality Assurance Project Plan* (MFA 2024).

Prior to well purging and sampling activities, the static water levels were measured with a water level indicator. The wells were initially opened to allow equilibration with the ambient air pressure, followed by water level measurements. The water levels were measured from the north side of the casing and were recorded on the water field sampling data sheets, which are included in Attachment A and presented in Table 2. Groundwater flow in the UWBZ during the September 2025 monitoring event was to the west-northwest on the upper terrace and to the west on the lower terrace, consistent with historical observations (see Figure 2).

Prior to sampling, each monitoring well was purged using low-flow purging methods until field parameters stabilized. A peristaltic pump with dedicated tubing, bladder pump with dedicated equipment and tubing, or submersible pump with disposable tubing were used to purge monitoring wells. Stabilization parameter measurements were collected during low-flow purging with a flowthrough cell and an in-line, multiprobe meter at approximate three- to five-minute intervals. Water levels were also measured during purging to monitor drawdown. Parameter measurements recorded during purging included time, purge volume, water level, temperature, specific conductivity, dissolved oxygen, pH, oxygen reduction potential, and turbidity.

Laboratory-supplied containers appropriate for the requested analyte list were filled, labeled, capped, and preserved consistent with method requirements. Sample containers were preserved by storage at 4 degrees Celsius upon sample collection and then submitted to Apex Laboratories, LLC, of Tigard, Oregon.

[1] The Source Area includes the Property and two vacant lots directly north of the Property where the highest chlorinated solvent concentrations are present in soil, groundwater, and soil vapor.

Laboratory Analysis

The groundwater samples were submitted for analysis of PCE and its degradation products (trichloroethene [TCE], 1,1-dichloroethene [DCE], cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) by U.S. Environmental Protection Agency (EPA) Method 8260D standard or low level. Consistent with the Consent Decree, groundwater samples from monitoring wells MW-03, MW-04, MW-05, and MW-13 were also analyzed for the following geochemical parameters to prescreen for the presence of electron acceptors for assessment of the reductive dechlorination process and to evaluate the efficacy of the remedial action:

- Total metals (iron, calcium, magnesium, manganese) By EPA 6020B
- Sulfate by ASTM D516-02
- Chloride by standard method (SM) 4500-Cl
- Nitrate by EPA 300.0
- Ferrous iron (Fe^{2+}) using a Hach field kit
- Total organic carbon by SM 5310 C
- Alkalinity by SM 2320B
- Dissolved gases (methane, ethane, ethene) by RSK 175

Analytical Results

The September 2025 data are considered acceptable for their intended use with the appropriate data qualifiers assigned. The analytical laboratory reports are provided as Attachment B and the data validation memorandum provided as Attachment C. Data will be submitted to Ecology's Environmental Information Management database following the June 2026 monitoring event (i.e., after the first year of compliance monitoring).

Analytical results for PCE and its degradation products are provided in Table 3. Groundwater analytical results are compared to the groundwater cleanup levels (CULs) presented in Table 2-1 of the *Cleanup Action Plan* presented in the Consent Decree (Ecology 2023b). Figure 3 shows PCE and TCE analyte concentrations and locations. Results are summarized below.

Upper Water Bearing Zone

PCE concentrations in groundwater samples collected from the shallow UWBZ were generally consistent with historical monitoring data and ranged from 0.804 micrograms per liter (ug/L) on the eastern portion of the Site (i.e., MW07) to 42.7 ug/L within the Source Area (i.e., MW03). The concentration at monitoring well MW03 is the lowest observed since monitoring began.

PCE and/or TCE were detected above their respective CULs in monitoring wells MW03 through MW06, MW09 through MW11, and MW13. In addition, cis-1,2-DCE and vinyl chloride were detected in monitoring wells MW03 and MW09. PCE and its degradation products were not detected in monitoring well MW20.

Lower Water Bearing Zone

PCE and/or TCE were detected above their respective CULs in the seven of the eight monitoring wells installed in the LWBZ (i.e., MW15, MW16, MW-23D, MW-24D, MW-25D, MW-46D, and MW-47D). PCE and its degradation products were not detected in monitoring well MW-29D.

Conclusions and Next Steps

PCE and/or its degradation products were detected above their respective CULs in all monitoring wells samples excluding MW02, MW07, and MW-29D.

The next compliance monitoring event will occur in December 2025. Compliance monitoring will occur quarterly for a minimum of one year; thereafter, the monitoring frequency may be reduced to semiannually or less frequently and the number of monitoring wells may be reduced depending on the observed concentration trends and Ecology's approval (see Table 1).

Attachments

References

Limitations

Figures

Tables

A—Field Sampling Data Sheets

B—Analytical Laboratory Reports

C—Data Validation Memorandum

References

Ecology. 2023a. *Consent Decree No. 23-2-02783-06, Park Laundry Site.* Washington State Department of Ecology. October 20.

Ecology. 2023b. *Former Park Laundry: Public Review Final Cleanup Action Plan.* Washington State Department of Ecology, Toxics Cleanup Program. Lacey, WA.

MFA. 2024. *Sampling and Analysis Plan/Quality Assurance Project Plan.* Maul Foster & Alongi, Inc. Vancouver, WA. November 14.

MFA. 2025. *Remedial Action Completion Report.* Maul Foster & Alongi, Inc. Vancouver, WA. June 12.

Limitations

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

Opinions and recommendations contained in this technical memorandum apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this technical memorandum.

Figures

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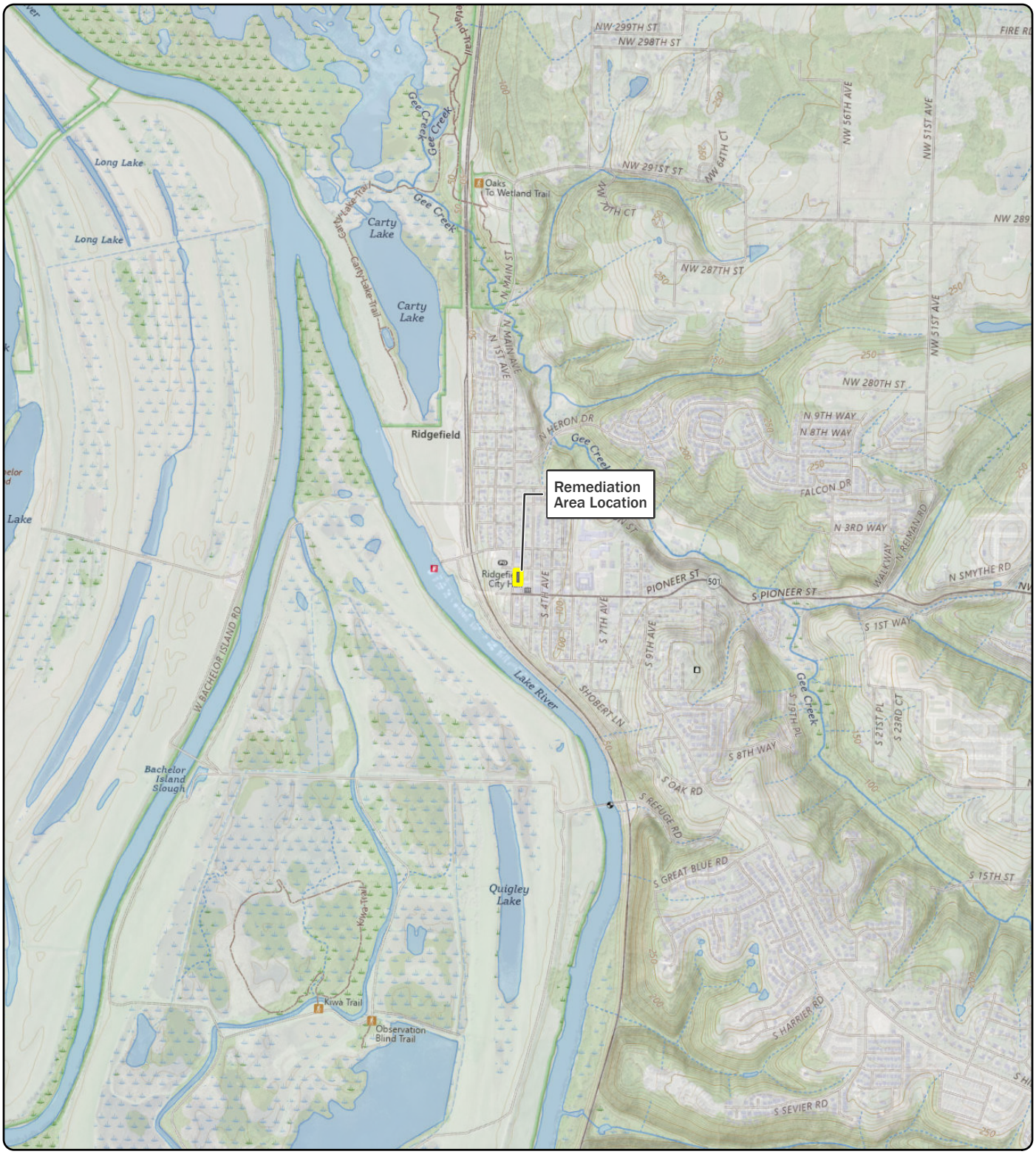

Notes
U.S. Geological Survey 7.5-minute topographic quadrangle: Ridgefield.
Township 4 north, range 1 west, section 24.

Data Source
Boundary (2025) obtained from Clark County.

Legend

Remediation Area Boundary

Figure 1
Remediation Area Location

Former Park Laundry
Ridgefield, WA

0 2,000
Feet

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Path: X:\0239.33\007\Pro\M0239_33_007_011_Sep_2025_Monitoring_Report.aprx\Fig 1 Remediation Area Location
Print Date: 12/11/2025
Reviewed By: mpollock
Produced By: jroberts
Project: M0239.33.007

Figure 2
Estimated Upper-Water Bearing Zone Groundwater Potentiometric Surface Map September 2025

Former Park Laundry
Ridgefield, WA

Legend

- Monitoring Well, Lower Water Bearing Zone
- Monitoring Well, Upper Water Bearing Zone
- Water Level Contour (Feet Above Mean Sea Level)
- Inferred Water Level Contour
- Groundwater Flow Direction
- Estimated Park Laundry Site Boundary
- Source Area Boundary
- Former Park Laundry Property
- City of Ridgefield Property
- Ridgefield Land Holding LLC Property

Notes

The estimated site boundary extent was determined based on tetrachloroethene (PCE) and/or trichloroethene (TCE) exceedances of the Model Toxics Control Act (MTCA) Method A cleanup levels for groundwater.

Due to differences in geologic conditions, potentiometric surface contours for monitoring wells MW-29D, MW-46D, and MW-47D were interpolated separately from the remaining upper water-bearing zone wells east of N 1st Avenue.

0 100
Feet

Data Sources

Aerial photograph (2025) obtained from Google; property boundary data (2025) obtained from Clark County.

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Print Date: 12/17/2025
Reviewed By: mpollock
Produced By: jroberts
Project: M0239.33.007

Figure 3
September 2025 Compliance Groundwater Monitoring Results

Former Park Laundry
Ridgefield, WA

Legend

- Compliance Monitoring Well Location (with monitoring results from September 2025)
  - *MW03 - Well ID*
  - *42.7 ug/L - PCE concentration*
  - *8.04 ug/L - TCE concentration*

Cleanup Level Exceedance

- PCE Exceedance
- TCE Exceedance
- PCE & TCE Exceedance
- Estimated Park Laundry Site Boundary
- Source Area Boundary
- Former Park Laundry Property
- City of Ridgefield Property
- Ridgefield Land Holding LLC Property

Notes

The estimated site boundary extent was determined based on tetrachloroethene (PCE) and/or trichloroethene (TCE) exceedances of the Model Toxics Control Act (MTCA) Method A cleanup levels for groundwater.
PCE cleanup level is 2.4 ug/L.
TCE cleanup level is 0.3 ug/L.
J = estimated concentration.
PCE = Tetrachloroethene.
TCE = Trichloroethene.
ug/L = micrograms per liter.

0 100
Feet

Data Sources

Aerial photograph (2025) obtained from Google; property boundary data (2025) obtained from Clark County.

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Produced By: jroberts
Project: M0239.33.007

Tables

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Table 1
Compliance Monitoring Well Sampling and Analysis Summary
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Initial Monitoring Frequency[a]	Screen Interval (ft bgs)	Analytical Suite						
			CVOCs[b]	Total Metals[c]	Ferrous Iron	Anions[d]	TOC	Alkalinity	Dissolved Gases[e]
MW02	Quarterly	9.5 - 14.5	X						
MW03	Quarterly	10 - 15	X	X	X	X	X	X	X
MW04	Quarterly	11.5 - 16.5	X	X	X	X	X	X	X
MW05	Quarterly	12 - 17	X	X	X	X	X	X	X
MW06	Quarterly	12 - 17	X						
MW07	Quarterly	11 - 16	X						
MW09	Quarterly	9 - 14	X						
MW10	Quarterly	25 - 30	X						
MW11	Quarterly	15 - 20	X						
MW13	Quarterly	15 - 20	X	X	X	X	X	X	X
MW15	Quarterly	55 - 65	X						
MW16	Quarterly	55 - 65	X						
MW20	Quarterly	5 - 10	X						
MW-23D	Quarterly	100-110	X						
MW-24D	Quarterly	100-110	X						
MW-25D	Quarterly	90-100	X						
MW-29D	Quarterly	43-53	X						
MW-46D	Quarterly	38-48	X						
MW-47D	Quarterly	41-51	X						

Notes

CVOCs = chlorinated volatile organic compounds.

ft bgs = feet below ground surface.

TOC = total organic carbon.

X = analyze.

[a]Compliance Monitoring frequency is expected quarterly for the first year following remedial action implementation (i.e., September 2025 through June 2026). Compliance monitoring is being completed consistent with the Cleanup Action Plan presented in Consent Decree no. 23-2-02783-06 (Ecology 2023). The frequency and number of monitoring wells may be reduced following the first year of monitoring.

[b]CVOCs to include tetrachloroethene (PCE), trichloroethene (TCE), 1,1-dichloroethene (DCE), cis-1,2-DCE, trans-1,2-DCE, vinyl chloride.

[c]Total metals include iron, calcium, magnesium, and manganese.

[d]Anions include chloride, sulfate, and nitrate.

[e]Dissolved gases include ethene, ethane, and methane.

Reference

Ecology. 2023. *Consent Decree No. 23-2-02783-06, Park Laundry Site*. Washington State Department of Ecology. October 20.

Table 2
September 2025 Water Level Elevations in Compliance Monitoring Wells
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Date	Water Level (feet below TOC)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW02[(a)]	09/24/2025	8.11	88.16	80.05
MW03[(a)]	09/24/2025	9.07	88.18	79.11
MW04	09/30/2025	8.65	83.05	74.40
MW05	09/24/2025	10.61	83.46	72.85
MW06	09/24/2025	10.98	85.11	74.13
MW07	09/24/2025	12.42	82.01	69.59
MW09	09/24/2025	10.02	76.69	66.67
MW10	09/24/2025	11.97	81.06	69.09
MW11	09/24/2025	11.06	78	66.94
MW13	09/24/2025	10.55	74.02	63.47
MW15	09/24/2025	42.34	51.45	9.11
MW16	09/24/2025	40.94	50.02	9.08
MW20	09/24/2025	6.13	74.99	68.86
MW-23D	09/24/2025	76.50	88.17	11.67
MW-24D	09/24/2025	76.20	88.39	12.19
MW-25D	09/24/2025	68.77	81.23	12.46
MW-29D	09/24/2025	17.02	25.42	8.40
MW-46D	09/24/2025	10.95	14.18	3.23
MW-47D	09/24/2025	14.64	19.56	4.92

Notes

bgs = below ground surface.

MSL = mean sea level.

TOC = top of casing.

[(a)] Monitoring wells MW02 and MW03 monuments were raised and resurveyed in September 2025.

[(a)] Comprehensive water level elevations prior to 2025 are provided in the *Remedial Investigation and Feasibility Study* (MFA 2019).

Reference

MFA. 2019. *Remedial Investigation and Feasibility Study Report for the Former Park Laundry Site. Prepared for Union Ridge Investment Company.* Maul Foster & Alongi, Inc: Vancouver, WA. July 11.

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW02	06/24/2011	N	--	1 U	0.087 U	--	1 U	8.84	1 U	1 U	1 U
	03/17/2012	N	--	1 U	0.087 U	--	0.154 U	0.88 J	0.149 U	0.087 U	0.165 U
	06/18/2012	N	--	1 U	0.087 U	--	1 U	9.37	1 U	1 U	1 U
	10/05/2012	N	--	1 U	0.087 U	--	0.16 J	14.2	1 U	0.69 J	0.155 U
	12/20/2012	N	--	1 U	0.087 U	--	0.54 J	11.8	1 U	0.087 U	0.155 U
	04/04/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1 UJ	1 U	0.087 U	0.155 U
	06/03/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	0.32 J	1 U	0.087 U	0.155 U
	09/27/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1 U	1 U	0.087 U	0.155 U
	12/23/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	1 U	1 U	1 U	1 U
	03/24/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	09/09/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	4.82	1 U	0.087 U	0.37 J
	12/05/2014	N	0.025 U	1 U	0.087 U	0.123 U	0.045 U	0.14 J	1 U	0.047 U	0.076 U
	03/04/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	0.17 U	1 U	0.087 U	0.155 U
	09/16/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1.01	1 U	0.087 U	0.155 U
	03/21/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	0.26 J	1 U	0.087 U	0.155 U
	09/08/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	2.29	1 U	0.087 U	0.155 U
	03/19/2018	N	0.025 U	1 U	0.087 U	0.123 U	0.045 U	0.058 U	1 U	0.047 U	0.076 U
	08/07/2024	N	--	0.200 U	--	--	0.200 U	1.91	0.200 U	0.200 U	0.0100 U
	09/24/2025	N	--	0.0100 UJ	--	--	0.104 J	1.75 J	0.0100 UJ	0.0757 J	0.0100 UJ
MW03	06/24/2011	N	--	1 U	0.087 U	--	1 U	12,500	1 U	3.47	1 U
	03/17/2012	N	--	1 U	0.087 U	--	0.154 U	3,510	1 U	1.34	0.165 U
	06/19/2012	N	--	1 U	0.087 U	--	1.04	2,250	1 U	2.77	1 U
	10/05/2012	N	--	0.096 U	0.087 U	--	3.08	2,390	1 U	9.15	0.155 U
	12/20/2012	N	--	0.0964 U	0.087 U	--	1	1,120	1 U	2.24	0.155 U
	12/20/2012	FD	--	0.14 J	0.087 U	--	0.94 J	974	1 U	2.02	0.155 U
	04/04/2013	N	0.0851	0.0964 U	0.087 U	0.203 U	0.61 J	532	1 U	1.92	0.155 U
	06/03/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.52 J	653	1 U	1.91	0.155 U
	09/27/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	1,390	1 U	1.95	0.155 U
	12/23/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	11,700	1 U	3.19	1 U
	03/24/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	8,840	1 U	3.75	0.155 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW03	06/23/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	6,650	1 U	2.81	0.155 U
	09/09/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	8,500	1 U	2.6	0.155 U
	12/04/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	1 U	2,900	1 U	2.63	0.076 U
	03/04/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	5,640	1 U	3.32	0.155 U
	06/09/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	16,500	1 U	1.82	0.155 U
	09/16/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	8,710	1 U	1.95	0.155 U
	12/21/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	4,970	1 U	2.7	0.155 U
	03/21/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	4,900	1 U	1.73	0.155 U
	09/08/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	2,450	1 U	0.087 U	0.155 U
	03/19/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	1 U	4,080	1 U	2.4	0.076 U
	08/07/2024	N	--	0.200 U	--	--	0.970	1,220	0.200 U	1.08	0.100 U
	09/30/2025	N	--	0.200 U	--	--	37.3	42.7	0.390 J	8.04	15.7
MW04	06/24/2011	N	--	1 U	0.087 U	--	1 U	226	1 U	13.9	1 U
	06/24/2011	FD	--	1 U	0.087 U	--	1 U	216	1 U	15.8	1 U
	03/17/2012	N	--	1 U	0.087 U	--	1 U	63.6	1 U	3.83	0.165 U
	06/21/2012	N	--	1 U	0.087 U	--	1 U	21.6	1 U	1 U	1 U
	10/05/2012	N	--	0.096 U	0.087 U	--	0.1 J	24.4	1 U	0.087 U	0.155 U
	12/21/2012	N	--	0.22 UJ	0.087 U	--	0.75 J	21.5	1 U	1.75	0.155 U
	04/05/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	19	1 U	1.34	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	29.2	1 U	0.087 U	0.155 U
	09/27/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	21.7	1 U	0.087 U	0.155 U
	12/24/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	13.4	1 U	1 U	1 U
	03/24/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	12.8	1 U	0.95	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	17	1 U	0.82 J	0.155 U
	12/08/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	1 U	6.96	1 U	0.047 U	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	11.6	1 U	0.91 J	0.155 U
	09/14/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	11.9	1 U	0.44 J	0.155 U
	03/23/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	35.4	1 U	3.1	0.155 U
	09/08/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	18.4	1 U	1.39	0.155 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	1 U	120	1 U	1.58	0.076 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW04	08/07/2024	N	--	0.200 U	--	--	0.200 U	10.7	0.200 U	0.310 J	0.100 U
	09/30/2025	N	--	0.200 U	--	--	0.200 U	3.78	0.200 U	0.200 U	0.100 U
MW05	06/24/2011	N	--	1 U	0.087 U	--	1 U	2,240	1 U	3.61	1 U
	03/17/2012	N	--	1 U	0.087 U	--	1 U	1,520	1 U	2.22	0.165 U
	06/21/2012	N	--	1 U	0.087 U	--	1 U	1,380	1 U	5.89	1 U
	10/04/2012	N	--	1 U	0.087 U	--	0.27 J	2,400 J	1 U	2.63	0.155 U
	10/04/2012	FD	--	1 U	0.087 U	--	0.24 J	1,400 J	1 U	2.44	0.155 U
	12/21/2012	N	--	1 U	0.087 U	--	0.8 J	1,030	1 U	3.29	0.155 U
	04/05/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.14 J	2,330	1 U	4.07	0.155 U
	04/05/2013	FD	0.0851 U	1 U	0.087 U	0.203 U	0.12 J	1,740	1 U	3.32	0.155 U
	06/03/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.16 J	950 J	1 U	2.53	0.155 U
	06/03/2013	FD	0.0851 U	1 U	0.087 U	0.203 U	0.18 J	1,790 J	1 U	2.7	0.155 U
	09/27/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	624 J	1 U	2.63	0.155 U
	09/27/2013	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,270 J	1 U	3.92	0.155 U
	12/24/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	1,790	1 U	3.98	1 U
	12/24/2013	FD	0.0851 U	1 U	0.087 U	0.203 U	1 U	1,740	1 U	3.55	1 U
	03/24/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.25	1,960	1 U	4.64	0.155 U
	03/24/2014	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,790	1 U	5.87	0.155 U
	06/23/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.16 J	1,220	1 U	3.66	0.155 U
	06/23/2014	FD	0.0851 U	1 U	0.087 U	0.203 U	0.22 J	1,300	1 U	3.89	0.155 U
	09/09/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,470	1 U	2.72	0.155 U
	09/09/2014	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,490	1 U	2.65	0.155 U
	12/05/2014	N	0.025 U	1 U	0.087 U	0.123 U	0.045 U	427	1 U	2.66	0.076 U
	12/05/2014	FD	0.025 U	1 U	0.087 U	0.123 U	0.045 U	426	1 U	2.85	0.076 U
	03/05/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,460	1 U	6.41	0.155 U
	03/05/2015	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,540	1 U	5.83	0.155 U
	06/11/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	890	1 U	3.79	0.155 U
	06/11/2015	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	865	1 U	3.14	0.155 U
	09/16/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	832	1 U	2.28	0.155 U
	09/16/2015	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	846	1 U	2.1	0.155 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW05	12/22/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,270	1 U	2.35	0.155 U
	12/22/2015	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,250	1 U	2.41	0.155 U
	03/21/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,090	1 U	3.97	0.155 U
	03/21/2016	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	1,040	1 U	3.69	0.155 U
	09/08/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	971	1 U	3.01	0.155 U
	09/08/2016	FD	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	895	1 U	2.68	0.155 U
	03/21/2018	N	0.025 U	1 U	0.087 U	0.123 U	0.045 U	1,290	1 U	1.8	0.076 U
	03/21/2018	FD	0.025 U	1 U	0.087 U	0.123 U	0.045 U	1,450	1 U	1.82	0.076 U
	08/07/2024	N	--	2.00 U	--	--	2.00 U	447	2.00 U	2.00 U	1.00 U
	09/30/2025	N	--	0.200 U	--	--	0.200 U	131	0.200 U	0.200 U	0.100 U
MW06	06/24/2011	N	--	1 U	0.087 U	--	1.31	3.77	1 U	19.1	1 U
	03/17/2012	N	--	1 U	0.087 U	--	1.08	4.03	1 U	11.1	0.165 U
	06/20/2012	N	--	1 U	0.087 U	--	1 U	2.79	1 U	9.84	1 U
	10/04/2012	N	--	0.13 J	0.087 U	--	0.96 J	4.31	1 U	6.26	0.155 U
	12/20/2012	N	--	0.0964 U	0.087 U	--	1.3	2.14	1 U	4.49	0.155 U
	04/05/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.07	2.65	1 U	7.41	0.155 U
	06/03/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.1	3.92	1 U	6.61	0.155 U
	09/26/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	3	5.6	1 U	12.1	0.155 U
	12/24/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.53	4.83	1 U	8.11	1 U
	03/25/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.29	2.39	1 U	7.29	0.155 U
	06/23/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.61	2.77	1 U	8.94	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.7 J	2.24	1 U	5.72	0.155 U
	12/05/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	2.32	1.46	1 U	8.92	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	2.13	2.52 U	1 U	12.7	0.155 U
	06/10/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.68	2.78	1 U	7.98	0.155 U
	09/16/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	2.09	2.71	1 U	6.32	0.155 U
	12/22/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1.66	2.54	1 U	6.36	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	2.04	1.95	1 U	6.65	0.155 U
	09/07/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.29	1 U	4.53	0.155 U
	03/28/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.54 J	0.91 J	1 U	1.43	0.076 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
Units:			ug/L								
Groundwater CUL[1]:			NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW06	09/13/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.07	1 U	1.43	0.076 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	3.69	2.7	1 U	2.46	0.076 U
	09/13/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	1.24	1.12	1 U	1.87	0.076 U
	03/12/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	2.4	0.93 J	0.31 J	2.68	0.076 U
	08/08/2024	N	--	0.200 U	--	--	1.68	1.20	0.260 J	1.07	0.0100 U
	09/25/2025	N	--	0.0100 U	--	--	1.83	1.10	0.305	1.15	0.0100 U
MW07	06/24/2011	N	--	1 U	0.087 U	--	1 U	11.7	1 U	1 U	1 U
	03/16/2012	N	--	1 U	0.087 U	--	1 U	6.11	1 U	0.087 U	0.165 U
	06/20/2012	N	--	1 U	0.087 U	--	1 U	12.3	1 U	1 U	1 U
	10/04/2012	N	--	1 U	0.087 U	--	0.13 J	50.5	1 U	0.1 J	0.155 U
	12/19/2012	N	--	1 U	0.087 U	--	0.55 J	10.2	1 U	0.087 U	0.155 U
	04/09/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	8.9	1 U	0.1 J	0.155 U
	06/04/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	12.7	1 U	0.087 U	0.155 U
MW07	09/25/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	126	1 U	0.087 U	0.155 U
	12/24/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	108	1 U	1 U	1 U
	03/25/2014	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	11.7	1 U	0.087 U	0.155 U
	06/24/2014	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	3.12	1 U	0.087 U	0.155 U
	09/09/2014	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	17.9	1 U	0.087 U	0.155 U
	12/08/2014	N	0.025 U	1 U	0.087 U	0.123 U	1 U	37.9	1 U	0.047 U	0.076 U
	03/06/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	4.85	1 U	0.087 U	0.155 U
	06/10/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	2.22	1 U	0.087 U	0.155 U
	09/16/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	35	1 U	0.087 U	0.155 U
	12/22/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	3.73	1 U	0.087 U	0.155 U
	03/22/2016	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	0.61 J	1 U	0.087 U	0.155 U
	09/08/2016	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	1.72	1 U	0.087 U	0.155 U
	03/21/2018	N	0.025 U	1 U	0.087 U	0.123 U	1 U	0.67 J	1 U	0.047 U	0.076 U
	08/07/2024	N	--	0.200 U	--	--	0.200 U	0.470	0.200 U	0.200 U	0.0100 U
	09/25/2025	N	--	0.0100 U	--	--	0.0100 U	0.804 J	0.0100 U	0.0100 U	0.0100 U
MW08	03/16/2012	N	--	1 U	0.087 U	--	1 U	0.158 U	1 U	0.087 U	0.165 U
	06/18/2012	N	--	1 U	0.087 U	--	1 U	1 U	1 U	1 U	1 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW08	10/05/2012	N	--	0.096 U	0.087 U	--	0.13 J	68.8	1 U	0.56 J	0.155 U
	12/18/2012	N	--	0.16 J	0.087 U	--	0.64 J	0.0672 U	1 U	0.087 U	0.155 U
	04/08/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 UJ	1 U	0.087 U	0.155 U
	06/02/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	09/24/2013	N	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1 UJ	1 UJ	1 U	0.087 UJ	0.155 UJ
	12/20/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	1 U	1 U	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	1 U	0.087 U	0.155 U
	09/10/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.13	1 U	0.44 J	0.155
	12/04/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1 U	0.047 U	0.076 U
	03/04/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.37 U	1 U	0.087 U	0.155 U
	09/14/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	03/23/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	09/09/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.36 J	1 U	0.087 U	0.155 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1 U	0.047 U	0.076 U
MW09	03/14/2012	N	--	0.0964 U	0.087 U	--	0.48	53.9	1 U	62.6	0.165 U
	06/20/2012	N	--	1 U	0.087 U	--	1 U	52.4	1 U	99.8	1 U
	10/03/2012	N	--	0.24 J	0.087 U	--	0.75 J	128	1 U	150	0.19 J
	12/21/2012	N	--	0.22 UJ	0.087 U	--	0.77 J	33.7	1 U	44.2	0.155 U
	04/08/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.23 J	34.7	1 U	55	0.155 U
	06/03/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.43 J	62.1	1 U	93.4	0.155 U
	09/27/2013	N	0.0851 U	0.19 J	0.087 U	0.203 U	1	90.9	1 U	148	0.155 U
	12/23/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	29.9	1 U	64.4	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.12	1 U	18.3	0.155 U
	06/25/2014	N	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.26	32.3	1 U	63.1	0.155 UR
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	62.3	1 U	101	0.155 U
	12/08/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	22.7	1 U	80.2	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	25.5	1 U	75.5	0.155 U
	06/11/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	48.4	1 U	85.3	0.155 U
	09/14/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.49	71.4	1 U	104	0.155 U
	12/22/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	23.6	1 U	39.8	0.155 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW09	03/21/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	25.4	1 U	69	0.155 U
	09/08/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	31.3	1 U	115	0.155 U
	03/28/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	8.26	1 U	30.9	0.076 U
	09/13/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	28.5	1 U	93.1	0.076 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	16.7	1 U	70.7	0.076 U
	09/12/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	1.22	36.3	1 U	110	0.076 U
	03/11/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.76 J	16.3	0.038 U	89.6	0.076 U
	08/07/2024	N	--	0.200 U	--	--	121	1.38	1.27	72.1	0.300
	09/24/2025	N	--	0.200 U	--	--	120	1.08	2.97	90.3	0.170 J
	09/24/2025	FD	--	0.200 U	--	--	108	0.890	2.92	72.5	0.150 J
MW10	03/13/2012	N	--	0.0964 U	0.087 U	--	0.154 U	76.6	1 U	17.4	0.165 U
	06/21/2012	N	--	1 U	0.087 U	--	1 U	65.5	1 U	31.8	1 U
	10/04/2012	N	--	0.14 J	0.087 U	--	0.32 J	93.1	1 U	24.7	0.155 U
	12/19/2012	N	--	0.0964 U	0.087 U	--	1.07	37.7	1 U	21.1	0.155 U
	04/09/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	83.1	1 U	17.9	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	101	1 U	32.2	0.155 U
	09/25/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	135	1 U	33.1	0.155 U
	12/24/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	75.4	1 U	18.9	1 U
	03/25/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	74.2	1 U	12.4	0.155 U
	06/24/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.18 J	83.6	1 U	41	0.155 U
	09/09/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	82.2	1 U	35.7	0.23 J
	12/08/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	54.5	1 U	45.4	0.076 U
	03/06/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	62.4	1 U	24.6	0.155 U
	06/10/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	75.5	1 U	16.3	0.155 U
	09/17/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	85.9	1 U	19.5	0.155 U
	12/22/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	77.8	1 U	12.6	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	59.6	1 U	24.1	0.155 U
	09/08/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	61.2	1 U	85.1	0.155 U
	03/28/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	27.8	1 U	29.2	0.076 U
	03/28/2017	FD	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	32.7	1 U	25.6	0.076 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW10	09/13/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.36 J	57.3	1 U	56.8	0.076 U
	09/13/2017	FD	0.025 U	0.069 U	0.087 U	0.123 U	0.48 J	69.9	1 U	72.5	0.076 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	1.3	89.2	1 U	64.2	0.076 U
	09/13/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.75 J	100	1 U	65.7	0.076 U
	09/13/2018	FD	0.025 U	0.069 U	0.087 U	0.123 U	0.77 J	109	1 U	62.6	0.076 U
	03/11/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	1.42	93.7	0.038 U	114	0.076 U
	03/11/2019	FD	0.025 U	0.069 U	0.025 U	0.123 U	1.27	93	0.038 U	100	0.076 U
	08/08/2024	N	--	2.00 U	--	--	4.8	14.9	2.00 U	144	1.00 U
	09/25/2025	N	--	0.200 U	--	--	5.18	23.0	0.790	149	0.100 U
MW11	03/13/2012	N	--	0.0964 U	0.087 U	--	0.154 U	32.9	1 U	1.49	0.165 U
	06/20/2012	N	--	1 U	0.087 U	--	1 U	26.4	1 U	3.17	1 U
	10/05/2012	N	--	1 U	0.087 U	--	0.18 J	26.8	1 U	0.87 J	0.155 U
	12/20/2012	N	--	1 U	0.087 U	--	0.6 J	13.1	1 U	0.61 J	0.155 U
	04/09/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	34.8	1 U	1.99	0.155 U
	06/04/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	49.8	1 U	3.56	0.155 U
	09/24/2013	N	0.0851 UJ	1 U	0.087 UJ	0.203 UJ	1 UJ	34.1 J	1 U	1.72 J	0.155 UJ
	12/24/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	17	1 U	1 U	1 U
	03/27/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	27.1	1 U	2.58	0.155 U
	06/24/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	22	1 U	1.33	0.155 U
	09/10/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	18.4	1 U	1.09	0.155 U
	12/09/2014	N	0.025 U	1 U	0.025 U	0.123 U	0.045 U	23.5	1 U	6.79	0.076 U
	03/06/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	33.6	1 U	11.3	0.155 U
	06/10/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	42.8	1 U	4.9	0.155 U
MW11	09/15/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	43	1 U	5.9	0.155 U
	12/23/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	21.9	1 U	2.56	0.155 U
	03/22/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	27.5	1 U	8.32	0.155 U
	09/08/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	20.5	1 U	7.19	0.155 U
	03/28/2017	N	0.025 U	1 U	0.025 U	0.123 U	0.045 U	16.8	1 U	9.64	0.076 U
	09/13/2017	N	0.025 U	1 U	0.025 U	0.123 U	0.045 U	18.5	1 U	3.46	0.076 U
	03/20/2018	N	0.025 U	1 U	0.025 U	0.123 U	0.045 U	27.1	1 U	6.33	0.076 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW11	09/12/2018	N	0.025 U	1 U	0.025 U	0.123 U	0.045 U	19.2	1 U	5.43	0.076 U
	03/11/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	14.5	0.038 U	4.47	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	26.8	0.200 U	7.77	0.100 U
	09/25/2025	N	--	0.200 U	--	--	0.200 U	19.4	0.200 U	7.09	0.100 U
MW13	03/14/2012	N	--	1 U	--	--	2.01	447	1 U	65.4	0.165 U
	06/21/2012	N	--	1 U	--	--	3.69	251	1 U	117	1 U
	10/07/2012	N	--	1 U	--	--	0.4 J	176	1 U	13.1	0.155 U
	12/20/2012	N	--	1 U	--	--	0.92 J	146	1 U	11.3	0.155 U
	04/09/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	948	1 U	32.5	0.155 U
	06/04/2013	N	0.0851 U	1 U	0.087 U	0.203 U	0.39	114	1 U	21	0.155 U
	09/25/2013	N	0.0851 U	1 U	0.087 U	0.203 U	3.36	105 J	1 U	80.2	0.155 U
	12/24/2013	N	0.0851 U	1 U	0.087 U	0.203 U	1 U	151	1 U	11.2	1 U
	03/27/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.34	259	1 U	25.6	0.155 U
	06/24/2014	N	0.0851 UR	1 U	0.087 U	0.203 UR	1.34 J	159 J	1 U	53.2 J	0.155 UR
	09/10/2014	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	111	1 U	13.9	0.155 U
	12/09/2014	N	0.025 U	1 U	0.087 U	0.123 U	0.045 U	201	1 U	43.2	0.076 U
	03/06/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1.3	834	1 U	95.8	0.155 U
	06/10/2015	N	0.0851 U	1 U	0.087 U	0.203 U	1.91	459	1 U	123	0.155 U
	09/15/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.37 J	179	1 U	19.6	0.155 U
	12/23/2015	N	0.0851 U	1 U	0.087 U	0.203 U	0.97 J	341	1 U	58.4	0.155 U
	03/22/2016	N	0.0851 U	1 U	0.087 U	0.203 U	1.64	422	1 U	66.2	0.155 U
	09/07/2016	N	0.0851 U	1 U	0.087 U	0.203 U	0.066 U	251	1 U	33.8	0.155 U
	03/20/2018	N	0.025 U	1 U	0.087 U	0.123 U	4.93	361	1 U	71.3	0.076 U
	08/08/2024	N	--	0.200 U	--	--	4.17	53.7	1.09	18.3	0.100 U
	09/30/2025	N	--	0.200 U	--	--	3.96	36.5	1.11	18.1	0.100 U
MW14	03/12/2012	N	--	1 U	0.087 U	--	0.154 U	74.4	1 U	40.8	0.165 U
	06/20/2012	N	--	1 U	0.087 U	--	1 U	15.8	1 U	7.31	1 U
	10/03/2012	N	--	0.096 U	0.087 U	--	0.2 J	1.17	1 U	0.34 J	0.155 U
	12/19/2012	N	--	0.11 J	0.087 U	--	0.53 UJ	0.44 J	1 U	0.087 U	0.155 U
	04/09/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.29	1 U	1.1	0.155 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
Units:			ug/L								
Groundwater CUL[1]:			NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW14	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.14	1 U	0.087 U	0.155 U
	09/27/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	1 U	1 U	1 U	0.155 U
	12/23/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	15.9	1 U	1.86	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.12	1 U	0.52	0.155 U
	06/25/2014	N	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	0.45 J	1 U	0.3 J	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	12/08/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.29 J	1 U	0.047 U	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.88 U	1 U	0.087 U	0.155 U
	06/11/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	1 U	0.087 U	0.155 U
	09/17/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.62	1 U	0.087 U	0.155 U
	12/22/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.4	1 U	0.087 U	0.155 U
	03/21/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.47 J	1 U	0.087 U	0.155 U
	09/07/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	1 U	0.087 U	0.155 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	1 U	0.047 U	0.076 U
MW15	03/15/2012	N	--	0.0964 U	0.087 U	--	0.154 U	6.89	1 U	0.45	0.165 U
	06/19/2012	N	--	1 U	0.087 U	--	1 U	9.84 J	1 U	1 U	1 U
	10/07/2012	N	--	0.096 U	0.087 U	--	0.066 U	17.1	1 U	0.52	0.155 U
	12/21/2012	N	--	0.22 UJ	0.087 U	--	0.64 UJ	13	1 U	0.97	0.155 U
	04/10/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	10.5	1 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.5	1 U	0.087 U	0.155 U
	09/24/2013	N	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1.46 J	32.4 J	1 U	1 UJ	0.155 UJ
	12/20/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	18	1 U	1 U	1 U
	03/25/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.1	1 U	0.63	0.155 U
	06/24/2014	N	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	10.1 J	1 U	0.45 J	0.155 UR
	09/10/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.1	1 U	0.42 J	0.155 U
	12/03/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	4.62	1 U	0.047 U	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11	1 U	0.087 U	0.155 U
	06/09/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	8.24	1 U	0.42 J	0.155 U
	09/15/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.9	1 U	0.32 J	0.155 U
	12/21/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	10.6	1 U	0.087 U	0.155 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW15	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	10.6	1 U	0.083 J	0.155 U
	09/09/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	6.81	1 U	0.087 U	0.155 U
	03/28/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	5.58	1 U	0.58 J	0.076 U
	09/13/2017	N	0.025 U	0.069 U	0.087 U	0.123 U	0.48 J	9.94	1 U	0.6 J	0.076 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	13.6	1 U	0.047 U	0.076 U
	09/13/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	14.6	1 U	0.43 J	0.076 U
	03/12/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	10.4	0.038 U	0.52 J	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	16.9	0.200 U	0.900	0.100 U
	09/25/2025	N	--	0.200 U	--	--	0.200 U	15.5	0.200 U	0.710	0.100 U
MW16	03/15/2012	N	--	0.0964 U	0.087 U	--	0.154 U	7.1	1 U	0.68 J	0.165 U
	06/19/2012	N	--	1 U	0.087 U	--	1 U	7.77	1 U	1 U	1 U
	10/07/2012	N	--	0.096 U	0.087 U	--	0.066 U	17.2	0.083 U	0.36 J	0.155 U
	12/21/2012	N	--	0.31 J	0.087 U	--	0.64 UJ	9.04	0.25 UJ	0.91 J	0.155 U
	04/10/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	7.68	0.083 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.21	0.083 U	0.61 J	0.155 U
	09/24/2013	N	0.11 J	0.0964 UJ	0.087 U	0.203 UJ	0.066 U	13.9 J	0.16 J	1.21 J	1.57
	12/20/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.6	0.083 U	1 U	1 U
	03/25/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.5	0.083 U	1.35	0.155 U
	06/24/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.79	0.083 U	1.17	0.155 U
	09/10/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	8.68	0.083 U	0.94 J	0.155 U
	12/03/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.066 U	5.1	0.038 U	0.8 J	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.4	0.083 U	1.75	0.155 U
	06/09/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	12	0.083 U	1	0.155 U
	09/15/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.4	0.083 U	0.75 J	0.155 U
	12/21/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.7	0.083 U	1.15	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	12	0.083 U	1.36	0.155 U
	09/09/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	7.71	0.083 U	0.087 U	0.155 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.066 U	18.8	0.038 U	1.18	0.076 U
	08/07/2024	N	--	0.200 U	--	--	0.200 U	13.9	0.200 U	1.86	0.100 U
	09/25/2025	N	--	0.200 U	--	--	0.200 U	13.7	0.200 U	1.58	0.100 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW17	04/09/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/26/2013	N	0.29 J	0.0964 U	0.087 U	0.203 U	1 U	0.0672 U	0.083 U	1 U	0.155 U
	12/23/2013	N	0.13 J	0.0964 U	0.087 U	0.203 U	1 U	4.83	0.083 U	1 U	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	12/09/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.39 J	0.038 U	0.047 U	0.076 U
	03/06/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.55	0.083 U	0.087 U	0.155 U
	09/17/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/07/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	03/21/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
MW18	04/10/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/27/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	1 U	0.083 U	0.087 U	0.155 U
	12/23/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	7	0.083 U	1 U	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	06/24/2014	N	0.0851 UR	0.0964 UR	0.087 U	0.203 UR	0.066 UR	0.0672 UR	0.083 UR	0.22 J	0.155 UR
	09/10/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.41 J	0.083 U	0.087 U	0.155 U
	12/04/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	03/05/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	06/10/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	09/16/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	12/22/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.35 J	0.083 U	0.087 U	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/07/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.63	0.038 U	0.047 U	0.076 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
		Units:	ug/L								
		Groundwater CUL[1]:	NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW19	04/10/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.69	0.083 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.91	0.083 U	0.087 U	0.155 U
	09/24/2013	N	0.0851 UJ	0.0964 UJ	0.087 U	0.203 UJ	1.36 J	2.49 J	0.11 J	1 UJ	0.155 UJ
	12/20/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	1.92	0.083 U	1 U	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.03	0.083 U	0.28	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.95 J	0.083 U	0.42	0.155 U
	12/05/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.51 J	0.038 U	0.047 U	0.076 U
	03/06/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.91 U	0.083 U	0.087 U	0.155 U
	09/15/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.39	0.083 U	0.087 U	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/09/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.48 J	0.083 U	0.087 U	0.155 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	1.01	0.038 U	0.047 U	0.076 U
MW20	04/09/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	06/04/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.96 J	0.083 U	0.087 U	0.155 U
	09/27/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	1 U	0.0672 U	0.083 U	0.087 U	0.155 U
	12/24/2013	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.08	0.083 U	1 U	1 U
	03/27/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	09/11/2014	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.18 J	0.083 U	0.087 U	0.155 U
	12/05/2014	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	03/06/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/16/2015	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	03/22/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	09/07/2016	N	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	03/20/2018	N	0.025 U	0.069 U	0.087 U	0.123 U	0.045 U	2.93	0.038 U	0.047 U	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	0.200 U	0.200 U	0.200 U	0.0100 U
	09/25/2025	N	--	0.0100 U	--	--	0.0200 U	0.0200 U	0.0100 U	0.0100 U	0.0150 J
MW23D	08/07/2024	N	--	0.200 U	--	--	0.200 U	11.7	0.200 U	1.50	0.100 U
	09/24/2025	N	--	0.200 U	--	--	0.400 U	11.6	0.200 U	1.59	0.100 U
MW24D	08/07/2024	N	--	0.200 U	--	--	0.200 U	14.4	0.200 U	1.63	0.100 U
	09/24/2025	N	--	0.200 U	--	--	0.200 U	14.2	0.200 U	1.98	0.100 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location	Sample Date	Sample Type	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
Units:			ug/L								
Groundwater CUL[1]:			NV	7	NV	NV	16	2.4	100	0.3	0.02
Shading indicates values that exceed screening criteria; non-detects (U, UJ, UR) were not compared with screening criteria.											
MW25D	08/07/2024	N	--	0.200 U	--	--	0.200 U	10.1	0.200 U	0.850	0.100 U
	09/24/2025	N	--	0.200 U	--	--	0.200 U	10.2	0.200 U	1.05	0.100 U
MW-29D	01/08/2018[a]	N	--	--	--	--	--	5.92	--	--	--
	03/20/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	1.26	0.038 U	0.047 U	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	0.820	0.200 U	0.200 U	0.0100 U
	09/25/2025	N	--	0.0100 U	--	--	0.0100 U	1.37	0.0100 U	0.0761	0.0100 U
MW-45D	01/08/2018[a]	N	--	--	--	--	--	3.84	--	--	--
	03/20/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	2.92	0.038 U	0.047 U	0.076 U
MW-46D	01/08/2018[a]	N	--	--	--	--	--	1 U	--	--	--
	03/20/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	5.01	0.038 U	0.047 U	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	8.35	0.200 U	0.340 J	0.100 U
	09/25/2025	N	--	0.200 U	--	--	0.200 U	9.36	0.200 U	0.420	0.100 U
MW-47D	01/08/2018[a]	N	--	--	--	--	--	1	--	--	--
	03/20/2019	N	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	5.29	0.038 U	0.047 U	0.076 U
	08/08/2024	N	--	0.200 U	--	--	0.200 U	5.25	0.200 U	0.200 U	0.100 U
	09/25/2025	N	--	0.200 U	--	--	0.200 U	4.85	0.200 U	0.200 U	0.100 U

Table 3
Volatile Organic Compounds in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Notes

-- = not analyzed.

CUL = cleanup level.

FD = field duplicate sample.

J = result is estimated.

N = normal environmental sample.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

U = results is non-detect at the method reporting limit (2011) or method detection limit (2012 on).

UJ = result is non-detect with an estimated method reporting limit (2011) or method detection limit (2012 on).

UR = result is non-detect at the detection limit; result rejected.

ug/L = micrograms per liter.

VOC = volatile organic compound.

[a]Results are from 05/10/2018 Port of Ridgefield Groundwater Monitoring report. Non-detect results are reported to method reporting limits.

Reference

[1]Ecology. 2023. *Former Park Laundry: Public Review Final Cleanup Action Plan*." Table 2-1: Park Laundry Cleanup Levels." Washington State Department of Ecology, Toxics Cleanup Program. Lacey, WA.

Table 4
Geochemical Parameters in Groundwater
Compliance Monitoring Well Network
Performance Monitoring Stage
Consent Decree No. 23-2-02783-06
Former Park Laundry Site
Ridgefield, Washington

Location:	MW03	MW04	MW05	MW13
Sample Name:	MW03-093025	MW04-093025	MW05-093025	MW13-093025
Collection Date:	09/30/2025	09/30/2025	09/30/2025	09/30/2025
Field Parameters				
Ferrous iron (mg/L)	4.5	0.0	0.0	0.0
Oxidation-reduction potential (mV)	-149.8	102.3	210.2	206.1
Dissolved oxygen (mg/L)	0.81	2.87	1.42	8.30
pH (SU)	6.82	6.07	6.02	6.12
Conventional Parameters (mg/L)				
Total organic carbon	9.2	1.0 U	1.0 U	1.0 U
Dissolved Gases (mg/L)				
Ethane	0.0036	0.0010 U	0.0010 U	0.0010 U
Ethylene	0.084	0.0010 U	0.0010 U	0.0010 U
Methane	2.7	0.0010 U	0.0010 U	0.0010 U
Alkalinity (mg/L as $CaCO_3$)				
Alkalinity, bicarbonate	504	96.8	115	96.6
Alkalinity, carbonate	20.0 U	20.0 U	20.0 U	20.0 U
Alkalinity, hydroxide	20.0 U	20.0 U	20.0 U	20.0 U
Alkalinity, total	504	96.8	115	96.6
Anions (mg/L)				
Chloride	9.77	5.33	3.10	14.3
Nitrate (as nitrogen)	0.25 U	6.05	0.846	4.61
Sulfate	1.49	5.21	5.29	7.71
Total Metals (mg/L)				
Calcium	35.5	24.0	20.2	25.6
Iron	20.1	0.0639	0.0500 U	0.204
Magnesium	86.3	10.5	9.46	12.6
Manganese	10.7	0.00189	0.00913	0.00423

Notes

$CaCO_3$ = calcium carbonate.

mg/L = milligrams per liter.

mV = millivolts.

SU = standard units.

U = result is non-detect at the method reporting limit.

Attachment A

Field Sampling Data Sheets

MAUL FOSTER ALONGI

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW02	Monitoring	Flush-mount	Top of Casing	2.0	9.5-14.5	12.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:30	14.87		8.11		6.76	1.10

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	9:00	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
9:22	1.0	0.15	9.84	6.23	16.9	490.0	9.18	170.1	5.93
9:25	1.05	0.15	10.01	6.20	17.0	257.3	5.84	126.2	4.13
9:28	1.10	0.15	10.18	6.21	17.0	246.8	4.73	118.7	4.53
9:31	1.15	0.15	10.31	6.20	17.0	247.7	4.11	115.8	4.55
9:34	1.20	0.15	10.47	6.19	17.0	256.8	3.38	109.0	4.58

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Monitoring well redeveloped one week prior to sampling.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW02-092425		
Sample Date	09/24/2025	Sample Time	9:34

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW03	Monitoring	Flush-mount	Top of Casing	2.0	10-15	12.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:37	15.40		9.07		6.33	1.03

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method: Peristaltic Pump

Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other

Purge Start Time	10:42	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
10:49	0.28	0.15	10.19	6.72	18.0	1,051	1.21	-130.5	10.9
10:51	0.36	0.15	10.34	6.77	18.0	1,046	1.17	-140.0	15.1
10:54	0.48	0.15	10.48	6.79	18.0	1,042	0.94	-142.1	16.4
10:57	0.59	0.15	10.54	6.82	17.9	1,030	0.84	-148.7	14.7
11:00	0.71	0.15	10.65	6.82	17.9	1,023	0.81	-149.8	15.6

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear, colorless, burnt odor.

General Comments

Ferrous iron: 4.5

Monitoring well initally purged on 9/24/2025. Monitoring well redeveloped one week prior to sampling.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW03-093025		
Sample Date	09/30/2025	Sample Time	11:00

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	6
Amber glass			
Poly		N	2
		Total No. Containers:	8

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW04	Monitoring	Flush-mount	Top of Casing	2.0	11.5-16.5	14.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/30/2025	11:35	16.32		8.65		7.67	1.25

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	11:40	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
11:45	0.40	0.3	9.61	6.11	16.3	260.3	2.79	97.9	4.17
11:48	0.63	0.3	9.83	6.07	16.3	257.3	2.78	99.2	3.31
11:51	0.87	0.3	9.98	6.07	16.3	257.4	2.87	102.3	3.37

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Ferrous iron: 0.0

Monitoring well initally purged on 9/24/2025.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW04-093025		
Sample Date	09/30/2025	Sample Time	11:51

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	6
Amber glass			
Poly		N	2
		Total No. Containers:	8

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW05	Monitoring	Flush-mount	Top of Casing	2.0	12-17	14.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:29	17.37		10.61		6.76	1.10

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	9:50	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
10:00	0.79	0.30	11.83	6.01	17.2	241.6	1.57	210.8	2.71
10:03	1.03	0.30	11.79	6.01	17.1	242.6	1.49	210.8	2.31
10:06	1.27	0.30	11.80	6.02	17.1	242.3	1.42	210.2	1.89

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Ferrous iron: 0.0

Monitoring well initally purged on 9/24/2025.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW05-093025		
Sample Date	09/30/2025	Sample Time	10:06

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	6
Amber glass			
Poly		N	2
		Total No. Containers:	8

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW06	Monitoring	Flush-mount	Top of Casing	2.0	12-17	14.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	9:18	16.64		11.10		5.54	0.90

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method: Peristaltic Pump

Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other

Purge Start Time	9:24		*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*
Time	**Cumulative Purge Volume**	**Flowrate**	**Water Level**	**pH**	**Temperature**	**Conductivity**	**Dissolved Oxygen**	**ORP**	**Turbidity**
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
9:25	0.2	--	12.00	6.54	16.8	313.2	3.22	105.4	10.8

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Sampled after collecting one set of parameters due to low recharge. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW06-092525		
Sample Date	09/25/2025	Sample Time	9:25

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW07	Monitoring	Flush-mount	Top of Casing	2.0	11-16	15.8

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	12:15	15.92		12.43		3.49	0.57

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	12:16	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
12:21	0.2	0.2	14.56	6.34	17.1	176.6	6.36	85.8	22.6
12:30	0.5	0.1	15.05	6.30	17.0	173.9	5.41	64.3	22.3
12:33	0.6	0.1	15.50	6.31	17.0	171.8	5.28	58.2	32.3
12:36	0.7	0.1	15.80	6.32	17.2	166.9	5.82	49.3	44.2
12:49	0.8	0.1	14.70	6.37	19.6	165.7	5.80	32.1	30.7
12:52	0.9	0.1	14.60	6.33	18.0	165.5	5.69	32.1	18.2
12:55	1.0	0.1	14.40	6.31	18.0	161.6	5.59	30.7	13.8
12:58	1.2	0.1	14.45	6.31	17.8	160.9	5.45	30.9	11.8
13:01	1.3	0.1	14.45	6.32	17.8	161.9	5.19	30.2	9.66
13:04	1.4	0.1	14.45	6.34	17.8	163.0	5.56	28.9	7.99
13:07	1.5	0.1	14.45	6.35	17.9	162.0	5.49	27.8	3.92

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Well went dry at 12:39; paused to allow recharge. Resumed at 12:46, depth to water was 14.75 feet. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW07-092525		
Sample Date	09/25/2025	Sample Time	13:10

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW09	Monitoring	Flush-mount	Top of Casing	2.0	9-14	11.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:44	13.83		10.02		3.81	0.62

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	12:50	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
12:57	--	0.25	11.01	6.44	16.6	252.3	1.46	122.0	60.4
13:00	0.52	0.15	11.22	6.37	16.7	248.3	0.94	126.5	72.6
13:03	--	0.15	11.43	6.34	17.0	250.5	1.04	126.4	80.9
13:06	0.6	0.15	11.51	6.31	17.2	250.7	1.09	122.4	79.3

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Slightly turbid.

General Comments

MW09-092425-DUP collected here.
All parameters stabilized except for temperature.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW09-092425		
Sample Date	09/24/2025	Sample Time	13:06

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW10	Monitoring	Flush-mount	Top of Casing	2.0	25-30	27.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	13:35	29.72		12.71		17.01	2.77

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	13:45	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
14:10	2.0	0.4	17.3	6.41	14.3	189.4	3.02	42.7	6.47
14:13	2.3	0.4	17.8	6.40	14.2	190.1	2.47	30.2	4.85
14:16	2.6	0.4	17.9	6.41	14.3	191.4	2.22	23.4	5.29
14:19	2.8	0.3	18.0	6.42	14.3	193.0	2.12	16.3	4.98
14:22	3.1	0.3	18.0	6.42	14.3	192.7	1.91	9.0	2.65
14:25	3.3	0.3	17.9	6.42	14.3	192.7	1.75	4.7	2.71
14:28	3.6	0.3		6.42	14.4	194.2	1.67	-0.7	1.36

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*

Clear; colorless; no odor; no sheen.

General Comments

PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW10-092525		
Sample Date	09/25/2025	Sample Time	14:30

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-11	Monitoring	Flush-mount	Top of Casing	2.0	15-20	17.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	11:10	19.77		11.06		8.71	1.42

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	11:13	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
11:27	0.9	0.4	14.40	6.63	14.4	229.2	9.10	73.4	26.8
11:30	1.2	0.2	14.45	6.63	14.3	230.2	7.35	72.6	19.3
11:33	1.3	0.2	14.35	6.64	14.4	232.2	7.24	72.1	12.5
11:36	1.5	0.2	14.21	6.64	14.4	232.1	7.25	72.3	9.95
11:39	1.7	0.2	14.15	6.64	14.4	231.7	7.41	72.2	10.7
11:42	1.9	0.2	14.16	6.64	14.4	232.2	7.84	72.4	9.26
11:45	2.0	0.2	14.16	6.64	14.4	232.6	7.81	72.5	7.31
11:48	2.1	0.2	14.14	6.64	14.3	233.1	7.71	72.6	4.97

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Adjusted flow rate at 11:30 due to drawdown.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW11-092525		
Sample Date	09/25/2025	Sample Time	11:55

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW13	Monitoring	Flush-mount	Top of Casing	2.0	15-20	17.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:05	19.68		10.55		9.13	1.49

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Peristaltic Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	8:55	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
9:05	1.0	0.20	11.87	6.08	16.1	402.0	18.96	204.9	7.71
9:08	1.05	0.20	12.05	6.09	16.1	314.6	12.97	204.8	7.24
9:11	1.10	0.20	12.28	6.10	16.1	280.6	10.60	205.0	8.90
9:14	1.15	0.20	12.36	6.11	16.0	281.6	9.66	206.1	8.32
9:17	1.20	0.20	12.45	6.12	16.1	280.4	8.30	206.1	--

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Ferrous iron: 0.0

Monitoring well initally purged on 9/24/2025.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW13-093025		
Sample Date	09/30/2025	Sample Time	9:17

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW15	Monitoring	Flush-mount	Top of Casing	2.0	55-65	60.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	16:42	65.24		42.30		22.94	3.74

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method: Submersible Pump — *Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*

Purge Start Time	16:50	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
17:13	3.8	0.2	42.3	5.97	15.5	237.1	24.43	187.7	6.34
17:16	4.0	0.2	42.3	5.96	16.0	239.1	11.94	190.4	5.35
17:19	4.2	0.2	42.3	5.97	15.9	239.5	10.01	192.1	5.15
17:22	4.4	0.2	42.3	5.96	16.0	239.3	9.35	193.9	4.96
17:25	4.6	0.2	42.3	5.96	16.0	239.3	9.28	195.2	3.03

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

PDX Geosub pump set at 33 for sampling. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Submersible Pump		
Sample Name	MW15-092525		
Sample Date	09/25/2025	Sample Time	17:30

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW16	Monitoring	Flush-mount	Top of Casing	2.0	55-65	60.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	18:00	64.76		41.00		23.76	3.87

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method: Submersible Pump

Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other

Purge Start Time	18:05	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*
Time	**Cumulative Purge Volume**	**Flowrate**	**Water Level**	**pH**	**Temperature**	**Conductivity**	**Dissolved Oxygen**	**ORP**	**Turbidity**
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
18:27	3.9	0.2	41.00	5.85	14.8	242.2	13.94	234.2	44.2
18:30	4.1	0.2	41.00	5.86	14.8	234.8	11.30	234.3	44.7
18:33	4.3	0.2	41.00	5.85	15.0	242.8	9.26	234.7	43.1
18:36	4.5	0.2	41.00	5.84	15.0	242.9	8.68	234.9	40.1
18:39	4.7	0.2	41.00	5.84	15.0	242.6	8.59	235.3	33.4
18:42	4.9	0.2	41.00	5.84	15.0	235.6	8.05	235.6	34.2
18:45	5.1	0.2	41.00	5.83	15.0	235.7	8.04	235.7	31.8

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; brownish tint; no odor; no sheen.

General Comments

PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Submersible Pump		
Sample Name	MW16-092525		
Sample Date	09/25/2025	Sample Time	18:50

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-20	Monitoring	Flush-mount	Top of Casing	2.0	5-10	7.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/25/2025	9:55	9.80		6.32		3.48	0.57

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method: Peristaltic Pump

Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other

Purge Start Time	10:00	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*
Time	**Cumulative Purge Volume**	**Flowrate**	**Water Level**	**pH**	**Temperature**	**Conductivity**	**Dissolved Oxygen**	**ORP**	**Turbidity**
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
10:07	0.2	--	7.00	6.26	20.3	292.3	0.57	63.8	32.0

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorlesss; no odor; no sheen.

General Comments

Sampled after 1 set of parameters due to low recharge. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Peristaltic Pump		
Sample Name	MW-20-092525		
Sample Date	09/25/2025	Sample Time	10:10

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-23D	Monitoring	Flush-mount	Top of Casing	2.0	100-110	107.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	12:35	109.33		76.50		32.83	5.35

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Submersible Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	12:35	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
13:00	5.5	0.2	76.81	6.42	15.0	255.1	7.72	90.7	19.9
13:03	5.7	0.2	76.81	6.38	15.0	248.3	7.15	83.8	12.8
13:06	5.9	0.2	76.81	6.45	14.9	248.2	7.01	76.9	13.9
13:09	6.1	0.2	76.81	6.54	15.0	246.0	7.03	66.7	12.2
13:12	6.3	0.2	76.81	6.56	15.0	247.6	7.02	64.8	9.85
13:15	6.5	0.2	76.81	6.57	15.1	248.1	7.01	61.5	8.36
13:18	6.7	0.2	76.81	6.58	15.1	249.1	7.01	60.2	8.21

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Initially turbid; brown tint; cleared up prior to parameter collection.

General Comments

PDX Geosub pump set to 91 for purging prior to parameter collection; adjusted to 87 for parameters and sampling. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Submersible Pump		
Sample Name	MW-23D-092425		
Sample Date	09/24/2025	Sample Time	13:20

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-24D	Monitoring	Flush-mount	Top of Casing	2.0	96-106	101.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	8:23	106.78		76.20		30.58	4.98

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Submersible Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	9:25	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
10:10	5.2	0.2	76.50	6.56	15.1	362.4	6.17	20.9	36.6
10:13	5.4	0.2	76.50	6.49	15.0	304.5	6.35	18.1	34.7
10:16	5.6	0.2	76.50	6.52	15.0	276.6	6.09	21.0	36.9
10:19	5.8	0.2	76.50	6.53	15.1	272.8	5.76	29.3	34.3
10:22	6.0	0.2	76.50	6.54	15.0	269.5	5.62	32.4	29.9
10:25	6.2	0.2	76.50	6.54	14.9	266.4	5.65	35.7	25.3
10:28	6.4	0.2	76.50	6.54	14.9	262.4	5.53	38.4	43.8
10:31	6.6	0.2	76.50	6.55	15.1	258.4	5.60	42.8	43.7
10:34	6.8	0.2	76.50	6.55	15.1	257.9	5.63	44.4	44.2

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; brownish tint; no odor; no sheen.

General Comments

PDX Geosub pump set to 84 for initial purging. PDX YSI #1, PDX Oakton #4, PDX turbidimeter #5.

Sample Information

Sampling Method	Submersible Pump		
Sample Name	MW24D-092425		
Sample Date	09/24/2025	Sample Time	10:40

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	S. Maloney

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-25D	Monitoring	Flush-mount	Top of Casing	2.0	90-100	95.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	14:38	99.40		68.80		30.60	4.99

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Submersible Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	14:38	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
15:08	5.4	0.2	68.8	6.60	14.6	231.6	5.54	78.7	11.3
15:11	5.6	0.2	68.8	6.60	14.6	232.7	5.39	63.2	7.15
15:14	5.8	0.2	68.8	6.59	14.6	231.9	5.33	56.2	5.45
15:17	6.0	0.2	68.8	6.59	14.6	232.2	5.20	50.2	4.33
15:20	6.2	0.2	68.8	6.59	14.6	211.0	5.12	42.6	--
15:28	6.4	0.2	68.8	6.63	14.6	234.4	8.06	35.2	--
15:31	6.6	0.2	68.8	6.61	15.0	233.1	7.64	28.6	--
15:34	6.8	0.2	68.8	6.61	15.5	233.1	7.60	27.4	17.7
15:37	7.0	0.2	68.8	6.60	15.3	232.8	7.56	26.3	13.3
15:40	7.2	0.2	68.8	6.59	15.2	230.6	7.43	24.9	10.2
15:43	7.4	0.2	68.8	6.59	15.2	230.3	7.33	23.5	7.27
15:46	7.6	0.2	68.8	6.60	15.3	230.1	7.14	20.0	4.68

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*

Clear; colorless; no odor; no sheen.

General Comments

PDX Geosub pump initially set to 91, adjusted to 76 for parameters and sampling. Pump accidentally shut off at 15:20 causing water column to collapse in well.

Sample Information

Sampling Method	Submersible Pump		
Sample Name	MW25D-092425		
Sample Date	09/24/2025	Sample Time	15:50

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-29D	Monitoring	Stick-up	Top of Casing	2.0	45-55	48.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	7:35	55.84		17.02		38.82	6.33

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Dedicated Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	11:22	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
11:32	1.06	0.4	17.21	6.12	14.8	281.3	1.95	209.3	3.58
11:35	1.37	0.4	17.25	6.11	14.8	271.0	1.54	206.8	1.76
11:38	1.69	0.4	17.22	6.10	14.8	275.0	1.53	206.1	2.43
11:41	2.01	0.4	17.24	6.10	14.8	275.1	1.42	204.5	2.36

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Sample Information

Sampling Method	Dedicated Pump		
Sample Name	MW-29D-092525		
Sample Date	09/25/2025	Sample Time	11:41

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-46D	Monitoring	Stick-up	Top of Casing	2.0	38-48	45.0

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	7:40	50.09		10.95		39.14	6.38

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Dedicated Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*

Purge Start Time	9:31	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
9:41	1.06	0.4	11.28	5.84	14.2	250.2	3.66	224.1	17.6
9:44	1.37	0.4	11.31	5.80	14.2	245.4	3.74	228.6	13.8
9:54	2.43	0.4	11.35	5.67	14.3	241.7	3.22	230.8	11.7
9:57	2.75	0.4	11.38	5.68	14.3	252.2	3.31	233.1	8.30
10:00	3.06	0.4	11.42	5.81	14.3	242.6	3.25	229.1	8.00
10:03	3.38	0.4	11.45	5.81	14.2	242.5	3.20	228.6	7.87
10:06	3.70	0.4	11.46	5.84	14.3	242.3	3.21	227.4	8.12

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

09:47 - YSI passed confidence check.

Sample Information

Sampling Method	Dedicated Pump		
Sample Name	MW-46D-092525		
Sample Date	09/25/2025	Sample Time	10:06

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Groundwater Field Sampling Data Sheet

MAUL FOSTER ALONGI

Project Information

Project No.	Client Name	Project Name	Sampling Event	Sampler(s)
M0239.33.007	City of Ridgefield	Park Laundry	September 2025	Y. Perez

Well Information

Location ID	Well Type	Monument Type	Depth Measuring Point	Well Diameter (in)	Screen Interval (ft)	Sample Depth (ft)
MW-47D	Monitoring	Flush-mount	Top of Casing	2.0	41-51	48.5

Hydrology/Level Measurements

Date	Time	Depth to Bottom (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Water Column (ft)	Well Casing Volume (gal)
		DTB	*DTP*	*DTW*	*DTP - DTW*	*DTB - DTW*	*(gal/ft x water column)*
09/24/2025	7:30	51.50		14.14		37.36	6.09

0.75" = 0.023 gal/ft
1" = 0.041 gal/ft
1.5" = 0.092 gal/ft
2" = 0.163 gal/ft
3" = 0.367 gal/ft
4" = 0.653 gal/ft
6" = 1.469 gal/ft
8" = 2.611 gal/ft

Water Quality Data

Purge Method	Dedicated Pump	*Purge/Sampling Methods: peristaltic pump, submersible pump, vacuum pump, inertia pump, dedicated pump, disposable bailer, other*						
Purge Start Time	10:20	*ideally < 0.3 ft drawdown*	*± 0.1*	*± 3%*	*± 3%*	*± 10% if > 0.5*	*± 10*	*< 5 or ± 10% if > 5*

Time	Cumulative Purge Volume	Flowrate	Water Level	pH	Temperature	Conductivity	Dissolved Oxygen	ORP	Turbidity
	gal	*L/min*	*ft*	*SU*	*degrees C*	*uS/cm*	*mg/L*	*mV*	*NTU*
10:30	1.32	0.5	15.10	5.93	14.7	352.3	1.64	225.8	4.58
10:33	1.37	0.4	15.11	5.93	14.8	352.3	1.67	224.5	4.35
10:36	1.69	0.4	15.10	5.94	14.7	353.4	1.66	223.0	3.71

Last row of water quality data are considered final field parameters unless otherwise noted.

Water Quality Observations *(clarity, tint, odor, sheen, etc.)*: Clear; colorless; no odor; no sheen.

General Comments

Sample Information

Sampling Method	Dedicated Pump		
Sample Name	MW-47D-092525		
Sample Date	09/25/2025	Sample Time	10:36

Container Type	Preservative	Filtered (Y/N)	No. Containers
VOA		N	3
Amber glass			
Poly			
		Total No. Containers:	3

Attachment B

Analytical Laboratory Reports

MAUL FOSTER ALONGI

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Wednesday, October 15, 2025

Meaghan Pollock
Maul Foster & Alongi, INC.
3140 NE Broadway Street
Portland, OR 97232

RE: A5I1736 - Park Laundry Remedy - M0239.33.007

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A5I1736, which was received by the laboratory on 9/26/2025 at 11:03:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information
Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.
(See Cooler Receipt Form for details)
Cooler #1 3.1 degC Cooler #2 5.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW02-092425	A5I1736-01	Water	09/24/25 09:34	09/26/25 11:03
MW09-092425	A5I1736-03	Water	09/24/25 13:06	09/26/25 11:03
MW09-092425-DUP	A5I1736-04	Water	09/24/25 13:06	09/26/25 11:03
MW23D-092425	A5I1736-07	Water	09/24/25 13:20	09/26/25 11:03
MW24D-092425	A5I1736-08	Water	09/24/25 10:40	09/26/25 11:03
MW-25D-092425	A5I1736-09	Water	09/24/25 15:50	09/26/25 11:03
Trip Blank 1	A5I1736-10	Water	09/24/25 00:00	09/26/25 11:03
MW06-092525	A5I1736-11	Water	09/25/25 09:25	09/26/25 11:03
MW20-092525	A5I1736-12	Water	09/25/25 10:10	09/26/25 11:03
MW-46D-092525	A5I1736-13	Water	09/25/25 10:06	09/26/25 11:03
MW-47D-092525	A5I1736-14	Water	09/25/25 10:36	09/26/25 11:03
MW15-092525	A5I1736-15	Water	09/25/25 17:30	09/26/25 11:03
MW16-092525	A5I1736-16	Water	09/25/25 18:50	09/26/25 11:03
MW-29D-092525	A5I1736-17	Water	09/25/25 11:41	09/26/25 11:03
MW07-092525	A5I1736-18	Water	09/25/25 13:10	09/26/25 11:03
MW10-092525	A5I1736-19	Water	09/25/25 14:30	09/26/25 11:03
MW11-092525	A5I1736-21	Water	09/25/25 11:55	09/26/25 11:03
EQUIPMENT BLANK	A5I1736-22	Water	09/25/25 19:00	09/26/25 11:03
TRIP BLANK 2	A5I1736-23	Water	09/25/25 00:00	09/26/25 11:03

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW09-092425 (A5I1736-03)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 15:03	EPA 8260D	
cis-1,2-Dichloroethene	**120**	0.200	0.400	ug/L	1	10/01/25 15:03	EPA 8260D	
trans-1,2-Dichloroethene	**2.97**	0.200	0.400	ug/L	1	10/01/25 15:03	EPA 8260D	
Tetrachloroethene (PCE)	**1.08**	0.200	0.400	ug/L	1	10/01/25 15:03	EPA 8260D	
Trichloroethene (TCE)	**90.3**	0.200	0.400	ug/L	1	10/01/25 15:03	EPA 8260D	
Vinyl chloride	**0.170**	0.100	0.200	ug/L	1	10/01/25 15:03	EPA 8260D	**J**
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*10/01/25 15:03*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*10/01/25 15:03*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 15:03*	*EPA 8260D*	
MW09-092425-DUP (A5I1736-04)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:11	EPA 8260D	
cis-1,2-Dichloroethene	**108**	0.200	0.400	ug/L	1	10/01/25 16:11	EPA 8260D	
trans-1,2-Dichloroethene	**2.92**	0.200	0.400	ug/L	1	10/01/25 16:11	EPA 8260D	
Tetrachloroethene (PCE)	**0.890**	0.200	0.400	ug/L	1	10/01/25 16:11	EPA 8260D	
Trichloroethene (TCE)	**72.5**	0.200	0.400	ug/L	1	10/01/25 16:11	EPA 8260D	
Vinyl chloride	**0.150**	0.100	0.200	ug/L	1	10/01/25 16:11	EPA 8260D	**J**
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*10/01/25 16:11*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 16:11*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 16:11*	*EPA 8260D*	
MW23D-092425 (A5I1736-07)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:34	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.400	0.400	ug/L	1	10/01/25 16:34	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:34	EPA 8260D	
Tetrachloroethene (PCE)	**11.6**	0.200	0.400	ug/L	1	10/01/25 16:34	EPA 8260D	
Trichloroethene (TCE)	**1.59**	0.200	0.400	ug/L	1	10/01/25 16:34	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 16:34	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*10/01/25 16:34*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 16:34*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 16:34*	*EPA 8260D*	
MW24D-092425 (A5I1736-08)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:56	EPA 8260D	

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW24D-092425 (A5I1736-08)				**Matrix: Water**		**Batch: 25J0004**		
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:56	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 16:56	EPA 8260D	
Tetrachloroethene (PCE)	**14.2**	0.200	0.400	ug/L	1	10/01/25 16:56	EPA 8260D	
Trichloroethene (TCE)	**1.98**	0.200	0.400	ug/L	1	10/01/25 16:56	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 16:56	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*10/01/25 16:56*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 16:56*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 16:56*	*EPA 8260D*	
MW-25D-092425 (A5I1736-09)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:19	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:19	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:19	EPA 8260D	
Tetrachloroethene (PCE)	**10.2**	0.200	0.400	ug/L	1	10/01/25 17:19	EPA 8260D	
Trichloroethene (TCE)	**1.05**	0.200	0.400	ug/L	1	10/01/25 17:19	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 17:19	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*10/01/25 17:19*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 17:19*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 17:19*	*EPA 8260D*	
Trip Blank 1 (A5I1736-10)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:01	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:01	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:01	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:01	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:01	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 12:01	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*10/01/25 12:01*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 12:01*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 12:01*	*EPA 8260D*	
MW-46D-092525 (A5I1736-13)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:41	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:41	EPA 8260D	

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Philip Nerenberg

Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW-46D-092525 (A5I1736-13)				**Matrix: Water**		**Batch: 25J0004**		
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 17:41	EPA 8260D	
Tetrachloroethene (PCE)	**9.36**	0.200	0.400	ug/L	1	10/01/25 17:41	EPA 8260D	
Trichloroethene (TCE)	**0.420**	0.200	0.400	ug/L	1	10/01/25 17:41	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 17:41	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*10/01/25 17:41*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 17:41*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 17:41*	*EPA 8260D*	
MW-47D-092525 (A5I1736-14)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:04	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:04	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:04	EPA 8260D	
Tetrachloroethene (PCE)	**4.85**	0.200	0.400	ug/L	1	10/01/25 18:04	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/01/25 18:04	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 18:04	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*10/01/25 18:04*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 18:04*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 18:04*	*EPA 8260D*	
MW15-092525 (A5I1736-15)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:27	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:27	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:27	EPA 8260D	
Tetrachloroethene (PCE)	**15.5**	0.200	0.400	ug/L	1	10/01/25 18:27	EPA 8260D	
Trichloroethene (TCE)	**0.710**	0.200	0.400	ug/L	1	10/01/25 18:27	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 18:27	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*10/01/25 18:27*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 18:27*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 18:27*	*EPA 8260D*	
MW16-092525 (A5I1736-16)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:50	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:50	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 18:50	EPA 8260D	

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Philip Nerenberg

Philip Nerenberg, Lab Director

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ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW16-092525 (A5I1736-16)				**Matrix: Water**		**Batch: 25J0004**		
Tetrachloroethene (PCE)	**13.7**	0.200	0.400	ug/L	1	10/01/25 18:50	EPA 8260D	
Trichloroethene (TCE)	**1.58**	0.200	0.400	ug/L	1	10/01/25 18:50	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 18:50	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*	*1*	*10/01/25 18:50*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*		*80-120 %*	*1*	*10/01/25 18:50*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*10/01/25 18:50*	*EPA 8260D*	
MW10-092525 (A5I1736-19RE1)				**Matrix: Water**		**Batch: 25J0109**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 23:31	EPA 8260D	
cis-1,2-Dichloroethene	**5.18**	0.200	0.400	ug/L	1	10/02/25 23:31	EPA 8260D	
trans-1,2-Dichloroethene	**0.790**	0.200	0.400	ug/L	1	10/02/25 23:31	EPA 8260D	
Tetrachloroethene (PCE)	**23.0**	0.200	0.400	ug/L	1	10/02/25 23:31	EPA 8260D	
Trichloroethene (TCE)	**149**	0.200	0.400	ug/L	1	10/02/25 23:31	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/02/25 23:31	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*115 %*	*Limits:*	*80-120 %*	*1*	*10/02/25 23:31*	*EPA 8260D*	
Toluene-d8 (Surr)			*105 %*		*80-120 %*	*1*	*10/02/25 23:31*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*10/02/25 23:31*	*EPA 8260D*	
MW11-092525 (A5I1736-21)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 19:12	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 19:12	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 19:12	EPA 8260D	
Tetrachloroethene (PCE)	**19.4**	0.200	0.400	ug/L	1	10/01/25 19:12	EPA 8260D	
Trichloroethene (TCE)	**7.09**	0.200	0.400	ug/L	1	10/01/25 19:12	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 19:12	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:*	*80-120 %*	*1*	*10/01/25 19:12*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*		*80-120 %*	*1*	*10/01/25 19:12*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*10/01/25 19:12*	*EPA 8260D*	
EQUIPMENT BLANK (A5I1736-22)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:46	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:46	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:46	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:46	EPA 8260D	

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Philip Nerenberg, Lab Director

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3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EQUIPMENT BLANK (A5I1736-22)				**Matrix: Water**		**Batch: 25J0004**		
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:46	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 12:46	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*10/01/25 12:46*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 12:46*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/01/25 12:46*	*EPA 8260D*	
TRIP BLANK 2 (A5I1736-23)				**Matrix: Water**		**Batch: 25J0004**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:23	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:23	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/01/25 12:23	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:23	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/01/25 12:23	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/01/25 12:23	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*10/01/25 12:23*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 12:23*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/01/25 12:23*	*EPA 8260D*	

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW02-092425 (A5I1736-01)				**Matrix: Water**		**Batch: 25J0112**		
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 20:03	EPA 8260D SIM	
cis-1,2-Dichloroethene	**0.104**	0.0100	0.0200	ug/L	1	10/02/25 20:03	EPA 8260D SIM	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 20:03	EPA 8260D SIM	
Trichloroethene (TCE)	**0.0757**	0.0100	0.0200	ug/L	1	10/02/25 20:03	EPA 8260D SIM	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	10/02/25 20:03	EPA 8260D SIM	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*95 %*	*Limits: 80-120 %*	*1*	*10/02/25 20:03*	*EPA 8260D SIM*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*10/02/25 20:03*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/02/25 20:03*	*EPA 8260D SIM*	
MW02-092425 (A5I1736-01RE1)				**Matrix: Water**		**Batch: 25J0308**		
Tetrachloroethene (PCE)	**1.75**	0.0250	0.0500	ug/L	2.5	10/08/25 19:08	EPA 8260D SIM	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*94 %*	*Limits: 80-120 %*	*1*	*10/08/25 19:08*	*EPA 8260D SIM*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*10/08/25 19:08*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*10/08/25 19:08*	*EPA 8260D SIM*	
MW06-092525 (A5I1736-11)				**Matrix: Water**		**Batch: 25J0112**		
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
cis-1,2-Dichloroethene	**1.83**	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
trans-1,2-Dichloroethene	**0.305**	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
Tetrachloroethene (PCE)	**1.10**	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
Trichloroethene (TCE)	**1.15**	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	10/02/25 20:57	EPA 8260D SIM	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*96 %*	*Limits: 80-120 %*	*1*	*10/02/25 20:57*	*EPA 8260D SIM*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*10/02/25 20:57*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 20:57*	*EPA 8260D SIM*	
MW20-092525 (A5I1736-12)				**Matrix: Water**		**Batch: 25J0112**		
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	
cis-1,2-Dichloroethene	ND	0.0200	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	
Tetrachloroethene (PCE)	ND	0.0200	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	
Trichloroethene (TCE)	ND	0.0100	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	
Vinyl chloride	**0.0150**	0.0100	0.0200	ug/L	1	10/02/25 21:24	EPA 8260D SIM	**J**
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*96 %*	*Limits: 80-120 %*	*1*	*10/02/25 21:24*	*EPA 8260D SIM*	

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Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW20-092525 (A5I1736-12)				**Matrix: Water**		**Batch: 25J0112**		
Surrogate: Toluene-d8 (Surr)		*Recovery:*	*97 %*	*Limits: 80-120 %*	*1*	*10/02/25 21:24*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*10/02/25 21:24*	*EPA 8260D SIM*	
MW-29D-092525 (A5I1736-17)				**Matrix: Water**		**Batch: 25J0112**		
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
cis-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
Tetrachloroethene (PCE)	**1.37**	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
Trichloroethene (TCE)	**0.0761**	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	10/02/25 21:51	EPA 8260D SIM	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*96 %*	*Limits: 80-120 %*	*1*	*10/02/25 21:51*	*EPA 8260D SIM*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*10/02/25 21:51*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 21:51*	*EPA 8260D SIM*	
MW07-092525 (A5I1736-18)				**Matrix: Water**		**Batch: 25J0112**		
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
cis-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
Tetrachloroethene (PCE)	**0.804**	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
Trichloroethene (TCE)	ND	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	10/02/25 22:18	EPA 8260D SIM	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*96 %*	*Limits: 80-120 %*	*1*	*10/02/25 22:18*	*EPA 8260D SIM*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*10/02/25 22:18*	*EPA 8260D SIM*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 22:18*	*EPA 8260D SIM*	

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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APEX LABORATORIES

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0004 - EPA 5030C												**Water**
Blank (25J0004-BLK1)			Prepared: 10/01/25 07:49 Analyzed: 10/01/25 11:38									
EPA 8260D												
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.100	0.200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 104 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*102 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
LCS (25J0004-BS1)			Prepared: 10/01/25 07:49 Analyzed: 10/01/25 10:43									
EPA 8260D												
1,1-Dichloroethene	23.1	0.200	0.400	ug/L	1	20.0	---	116	80-120%	---	---	
cis-1,2-Dichloroethene	22.7	0.200	0.400	ug/L	1	20.0	---	113	80-120%	---	---	
trans-1,2-Dichloroethene	23.1	0.200	0.400	ug/L	1	20.0	---	115	80-120%	---	---	
Tetrachloroethene (PCE)	19.3	0.200	0.400	ug/L	1	20.0	---	97	80-120%	---	---	
Trichloroethene (TCE)	20.1	0.200	0.400	ug/L	1	20.0	---	100	80-120%	---	---	
Vinyl chloride	21.3	0.100	0.200	ug/L	1	20.0	---	106	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 99 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*95 %*		*80-120 %*			*"*				
Duplicate (25J0004-DUP1)			Prepared: 10/01/25 07:49 Analyzed: 10/01/25 19:58									
QC Source Sample: MW10-092525 (A5I1736-19)												
EPA 8260D												
1,1-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	**5.10**	2.00	4.00	ug/L	10	---	5.30	---	---	4	30%	
trans-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	**20.3**	2.00	4.00	ug/L	10	---	20.6	---	---	1	30%	
Trichloroethene (TCE)	**127**	2.00	4.00	ug/L	10	---	129	---	---	1	30%	
Vinyl chloride	ND	1.00	2.00	ug/L	10	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 107 %*		*Limits: 80-120 %*			*Dilution: 1x*				

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0004 - EPA 5030C									Water			
Duplicate (25J0004-DUP1)			Prepared: 10/01/25 07:49 Analyzed: 10/01/25 19:58									
QC Source Sample: MW10-092525 (A5I1736-19)												
Surr: Toluene-d8 (Surr)			*Recovery: 104 %*		*Limits: 80-120 %*				*Dilution: 1x*			
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*				*"*			
Matrix Spike (25J0004-MS1)			Prepared: 10/01/25 07:49 Analyzed: 10/01/25 15:25									
QC Source Sample: MW09-092425 (A5I1736-03)												
EPA 8260D												
1,1-Dichloroethene	24.5	0.200	0.400	ug/L	1	20.0	ND	122	71-131%	---	---	
cis-1,2-Dichloroethene	138	0.200	0.400	ug/L	1	20.0	120	88	78-123%	---	---	
trans-1,2-Dichloroethene	26.9	0.200	0.400	ug/L	1	20.0	2.97	120	75-124%	---	---	
Tetrachloroethene (PCE)	21.0	0.200	0.400	ug/L	1	20.0	1.08	99	74-129%	---	---	
Trichloroethene (TCE)	103	0.200	0.400	ug/L	1	20.0	90.3	**63**	**79-123%**	---	---	Q-03
Vinyl chloride	24.3	0.100	0.200	ug/L	1	20.0	0.170	121	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 102 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*97 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*95 %*		*80-120 %*				*"*			

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ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0109 - EPA 5030C							**Water**					
Blank (25J0109-BLK1)			Prepared: 10/02/25 14:00 Analyzed: 10/02/25 15:58									
EPA 8260D												
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.100	0.200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 103 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*103 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*			*"*				
LCS (25J0109-BS1)			Prepared: 10/02/25 14:00 Analyzed: 10/02/25 14:50									
EPA 8260D												
1,1-Dichloroethene	23.7	0.200	0.400	ug/L	1	20.0	---	118	80-120%	---	---	
cis-1,2-Dichloroethene	22.4	0.200	0.400	ug/L	1	20.0	---	112	80-120%	---	---	
trans-1,2-Dichloroethene	22.7	0.200	0.400	ug/L	1	20.0	---	114	80-120%	---	---	
Tetrachloroethene (PCE)	18.7	0.200	0.400	ug/L	1	20.0	---	94	80-120%	---	---	
Trichloroethene (TCE)	20.4	0.200	0.400	ug/L	1	20.0	---	102	80-120%	---	---	
Vinyl chloride	22.1	0.100	0.200	ug/L	1	20.0	---	111	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*			*"*				
Duplicate (25J0109-DUP1)			Prepared: 10/02/25 15:16 Analyzed: 10/02/25 22:00									
QC Source Sample: Non-SDG (A5J1042-01)												
1,1-Dichloroethene	ND	4.00	8.00	ug/L	20	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	**37.4**	4.00	8.00	ug/L	20	---	38.4	---	---	3	30%	
trans-1,2-Dichloroethene	ND	4.00	8.00	ug/L	20	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	**54.4**	4.00	8.00	ug/L	20	---	57.4	---	---	5	30%	
Trichloroethene (TCE)	**10.2**	4.00	8.00	ug/L	20	---	10.0	---	---	2	30%	
Vinyl chloride	**17.8**	2.00	4.00	ug/L	20	---	17.6	---	---	1	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 106 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*104 %*		*80-120 %*			*"*				

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0109 - EPA 5030C												**Water**
Duplicate (25J0109-DUP1)				Prepared: 10/02/25 15:16 Analyzed: 10/02/25 22:00								
QC Source Sample: Non-SDG (A5J1042-01)												
Surr: 4-Bromofluorobenzene (Surr)			*Recovery: 103 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Matrix Spike (25J0109-MS1)				Prepared: 10/02/25 15:16 Analyzed: 10/03/25 01:24								
QC Source Sample: Non-SDG (A5J1064-17)												
EPA 8260D												
1,1-Dichloroethene	27.4	0.200	0.400	ug/L	1	20.0	0.550	**134**	**71-131%**	---	---	Q-01
cis-1,2-Dichloroethene	53.2	0.200	0.400	ug/L	1	20.0	26.7	**132**	**78-123%**	---	---	Q-01
trans-1,2-Dichloroethene	25.6	0.200	0.400	ug/L	1	20.0	0.370	**126**	**75-124%**	---	---	Q-01
Tetrachloroethene (PCE)	106	0.200	0.400	ug/L	1	20.0	87.5	92	74-129%	---	---	
Trichloroethene (TCE)	132	0.200	0.400	ug/L	1	20.0	115	85	79-123%	---	---	
Vinyl chloride	26.3	0.100	0.200	ug/L	1	20.0	0.610	128	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 104 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*95 %*	*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)			*92 %*	*80-120 %*			*"*					
Matrix Spike Dup (25J0109-MSD1)				Prepared: 10/02/25 15:16 Analyzed: 10/03/25 01:47								
QC Source Sample: Non-SDG (A5J1064-17)												
1,1-Dichloroethene	26.5	0.200	0.400	ug/L	1	20.0	0.550	130	71-131%	3	30%	
cis-1,2-Dichloroethene	52.2	0.200	0.400	ug/L	1	20.0	26.7	**127**	**78-123%**	2	30%	Q-01
trans-1,2-Dichloroethene	25.5	0.200	0.400	ug/L	1	20.0	0.370	**126**	**75-124%**	0.3	30%	Q-01
Tetrachloroethene (PCE)	101	0.200	0.400	ug/L	1	20.0	87.5	**68**	**74-129%**	5	30%	Q-03
Trichloroethene (TCE)	126	0.200	0.400	ug/L	1	20.0	115	**53**	**79-123%**	5	30%	Q-03
Vinyl chloride	26.9	0.100	0.200	ug/L	1	20.0	0.610	132	58-137%	2	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 103 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*97 %*	*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)			*92 %*	*80-120 %*			*"*					

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Philip Nerenberg, Lab Director

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APEX LABORATORIES

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0112 - EPA 5030C												**Water**
Blank (25J0112-BLK1)				Prepared: 10/02/25 16:04 Analyzed: 10/02/25 19:09								
EPA 8260D SIM												
1,2-Dibromo-3-chloropropane	ND	0.100	0.200	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	0.0500	0.100	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 95 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*98 %*	*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*			*"*					
LCS (25J0112-BS1)				Prepared: 10/02/25 16:04 Analyzed: 10/02/25 18:15								
EPA 8260D SIM												
1,2-Dibromo-3-chloropropane	0.204	0.100	0.200	ug/L	1	0.200	---	102	80-120%	---	---	
1,1-Dichloroethene	0.207	0.0100	0.0200	ug/L	1	0.200	---	104	80-120%	---	---	
cis-1,2-Dichloroethene	0.203	0.0100	0.0200	ug/L	1	0.200	---	102	80-120%	---	---	
trans-1,2-Dichloroethene	0.222	0.0100	0.0200	ug/L	1	0.200	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.225	0.0100	0.0200	ug/L	1	0.200	---	112	80-120%	---	---	
Trichloroethene (TCE)	0.199	0.0100	0.0200	ug/L	1	0.200	---	100	80-120%	---	---	
1,2,3-Trichloropropane	0.238	0.0500	0.100	ug/L	1	0.200	---	119	80-120%	---	---	
Vinyl chloride	0.207	0.0100	0.0200	ug/L	1	0.200	---	104	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 91 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*97 %*	*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)			*99 %*	*80-120 %*			*"*					
Duplicate (25J0112-DUP1)				Prepared: 10/02/25 16:04 Analyzed: 10/02/25 20:30								
QC Source Sample: MW02-092425 (A5I1736-01)												
EPA 8260D SIM												
1,2-Dibromo-3-chloropropane	ND	0.100	0.200	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	**0.0542**	0.0100	0.0200	ug/L	1	---	0.104	---	---	**63**	**30%**	Q-05
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	ND	---	---	---	30%	

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Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0112 - EPA 5030C							**Water**					
Duplicate (25J0112-DUP1)			Prepared: 10/02/25 16:04 Analyzed: 10/02/25 20:30									
QC Source Sample: MW02-092425 (A5I1736-01)												
Tetrachloroethene (PCE)	**1.44**	0.0100	0.0200	ug/L	1	---	2.46	---	---	**52**	**30%**	Q-03
Trichloroethene (TCE)	**0.0426**	0.0100	0.0200	ug/L	1	---	0.0757	---	---	**56**	**30%**	Q-05
1,2,3-Trichloropropane	ND	0.0500	0.100	ug/L	1	---	ND	---	---	---	30%	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				
Matrix Spike (25J0112-MS1)			Prepared: 10/02/25 16:04 Analyzed: 10/02/25 22:45									
QC Source Sample: MW07-092525 (A5I1736-18)												
EPA 8260D SIM												
1,2-Dibromo-3-chloropropane	0.222	0.100	0.200	ug/L	1	0.200	ND	111	62-128%	---	---	
1,1-Dichloroethene	0.328	0.0100	0.0200	ug/L	1	0.200	ND	**164**	**71-131%**	---	---	Q-01
cis-1,2-Dichloroethene	0.253	0.0100	0.0200	ug/L	1	0.200	ND	**126**	**78-123%**	---	---	Q-01
trans-1,2-Dichloroethene	0.294	0.0100	0.0200	ug/L	1	0.200	ND	**147**	**75-124%**	---	---	Q-01
Tetrachloroethene (PCE)	1.09	0.0100	0.0200	ug/L	1	0.200	0.804	**145**	**74-129%**	---	---	Q-03
Trichloroethene (TCE)	0.251	0.0100	0.0200	ug/L	1	0.200	ND	**126**	**79-123%**	---	---	Q-01
1,2,3-Trichloropropane	0.280	0.0500	0.100	ug/L	1	0.200	ND	**140**	**73-122%**	---	---	Q-01
Vinyl chloride	0.376	0.0100	0.0200	ug/L	1	0.200	ND	**188**	**58-137%**	---	---	Q-01
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				

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Philip Nerenberg

Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0308 - EPA 5030C												**Water**
Blank (25J0308-BLK1)			Prepared: 10/08/25 14:04 Analyzed: 10/08/25 18:41									
EPA 8260D SIM												
1,1-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.0100	0.0200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 94 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				
LCS (25J0308-BS1)			Prepared: 10/08/25 14:04 Analyzed: 10/08/25 17:20									**Q-19**
EPA 8260D SIM												
1,1-Dichloroethene	0.210	0.0100	0.0200	ug/L	1	0.200	---	105	80-120%	---	---	
cis-1,2-Dichloroethene	0.203	0.0100	0.0200	ug/L	1	0.200	---	101	80-120%	---	---	
trans-1,2-Dichloroethene	0.222	0.0100	0.0200	ug/L	1	0.200	---	111	80-120%	---	---	
Tetrachloroethene (PCE)	0.224	0.0100	0.0200	ug/L	1	0.200	---	112	80-120%	---	---	
Trichloroethene (TCE)	0.202	0.0100	0.0200	ug/L	1	0.200	---	101	80-120%	---	---	
Vinyl chloride	0.230	0.0100	0.0200	ug/L	1	0.200	---	115	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 91 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				
LCS Dup (25J0308-BSD1)			Prepared: 10/08/25 14:04 Analyzed: 10/08/25 17:47									
EPA 8260D SIM												
1,1-Dichloroethene	0.214	0.0100	0.0200	ug/L	1	0.200	---	107	80-120%	2	30%	
cis-1,2-Dichloroethene	0.206	0.0100	0.0200	ug/L	1	0.200	---	103	80-120%	2	30%	
trans-1,2-Dichloroethene	0.234	0.0100	0.0200	ug/L	1	0.200	---	117	80-120%	5	30%	
Tetrachloroethene (PCE)	0.225	0.0100	0.0200	ug/L	1	0.200	---	112	80-120%	0.3	30%	
Trichloroethene (TCE)	0.207	0.0100	0.0200	ug/L	1	0.200	---	104	80-120%	3	30%	
Vinyl chloride	0.237	0.0100	0.0200	ug/L	1	0.200	---	118	80-120%	3	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 93 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*			*"*				

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Philip Nerenberg

Philip Nerenberg, Lab Director

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ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0308 - EPA 5030C								**Water**				

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Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

SAMPLE PREPARATION INFORMATION

Halogenated Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0004							
A5I1736-03	Water	EPA 8260D	09/24/25 13:06	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-04	Water	EPA 8260D	09/24/25 13:06	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-07	Water	EPA 8260D	09/24/25 13:20	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-08	Water	EPA 8260D	09/24/25 10:40	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-09	Water	EPA 8260D	09/24/25 15:50	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-10	Water	EPA 8260D	09/24/25 00:00	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-13	Water	EPA 8260D	09/25/25 10:06	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-14	Water	EPA 8260D	09/25/25 10:36	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-15	Water	EPA 8260D	09/25/25 17:30	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-16	Water	EPA 8260D	09/25/25 18:50	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-21	Water	EPA 8260D	09/25/25 11:55	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-22	Water	EPA 8260D	09/25/25 19:00	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
A5I1736-23	Water	EPA 8260D	09/25/25 00:00	10/01/25 11:01	5mL/5mL	5mL/5mL	1.00
Batch: 25J0109							
A5I1736-19RE1	Water	EPA 8260D	09/25/25 14:30	10/02/25 15:16	5mL/5mL	5mL/5mL	1.00

Volatile Organic Compounds by EPA 8260D SIM

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0112							
A5I1736-01	Water	EPA 8260D SIM	09/24/25 09:34	10/02/25 16:04	5mL/5mL	5mL/5mL	1.00
A5I1736-11	Water	EPA 8260D SIM	09/25/25 09:25	10/02/25 16:04	5mL/5mL	5mL/5mL	1.00
A5I1736-12	Water	EPA 8260D SIM	09/25/25 10:10	10/02/25 16:04	5mL/5mL	5mL/5mL	1.00
A5I1736-17	Water	EPA 8260D SIM	09/25/25 11:41	10/02/25 16:04	5mL/5mL	5mL/5mL	1.00
A5I1736-18	Water	EPA 8260D SIM	09/25/25 13:10	10/02/25 16:04	5mL/5mL	5mL/5mL	1.00
Batch: 25J0308							
A5I1736-01RE1	Water	EPA 8260D SIM	09/24/25 09:34	10/08/25 14:04	5mL/5mL	5mL/5mL	1.00

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Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5I1736 - 10 15 25 1917

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified DL.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-03	Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

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ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Validated Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

Results for Volatiles analyses on soils and sediments that are reported on a “dry weight” basis include the water miscible solvent (WMS) correction referenced in the EPA 8000 Method guidance documents. Solid and Liquid samples reported on an “As Received” basis do not have the WMS correction applied, as dry weight was not performed.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.
Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

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503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.
-Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.
'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level, if results are not reported to the MDL.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

Decanted Samples:

Soils/Sediments:
Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:
Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)
Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight corretion as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A5I1736 COC 1 of 3

Company: MAUL FOSTER ALONGI | Project Mgr: MEAGHAN POLLOCK | Project Name: PARK LAUNDRY Cleanup | Project #: M0239.33.007

Address: 330 E Mill PLAIN BLVD VAN WA | Phone: 360 947 2206 | Email: mpollock@maulfoster.com | PO #

Sampled by: Ysabel Perez / Sean Maloney

Site Location: State WA County CLARK

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Diss. gases: ethene, ethane, methane	Anions: chloride, sulfate, nitrate	CVOCs	CVOCs Low level	Ferrous iron	TOC	Alkalinity	Hold Sample	Frozen Archive
MW02-092425	9/24/25	0934	gw	3 8																			X					
MW03-092425		1039	gw	8														X		X	X	X	~~X~~	X	X	X		
MW09-092425		1306	gw	3																								
MW09-092425-DUP		1306	gw	3																								
MW04-092425		1418	gw	8														X		X	X	X		X	X	X		
MW05-092425		1508	gw	8														X		X	X	X		X	X	X		
~~MW09~~ MW-23D-092425		1320	gw	3																		X						
MW-24D-092425		1040	gw	3																		X						
MW-25D-092425	↓	1550	gw	3																		X						
TRIP BLANK	↓	—	w	1																		X						

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day **Standard** (circled) Other: ______

SAMPLES ARE HELD FOR 30 DAYS

SPECIAL INSTRUCTIONS:
CVOCs: PCE; TCE; (1,1 DCE); cis-1,2-DCE; Trans-1,2 DCE; Vinyl Chloride

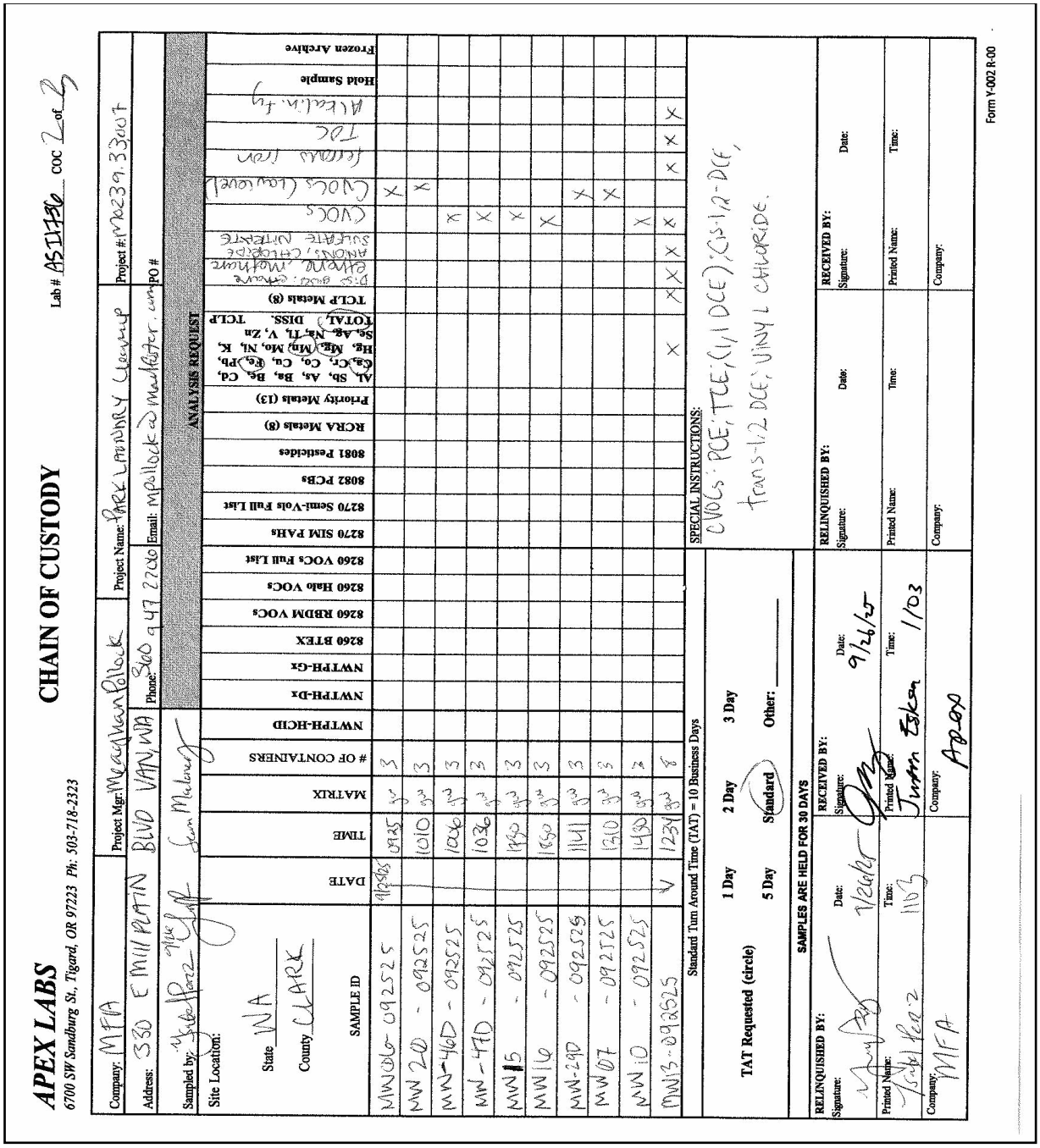
RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 9/26/25	Signature: [signature] Date: 9/26/25	Signature: Date:	Signature: Date:
Printed Name: Ysabel Perez Time: 1103	Printed Name: Justin [illegible] Time: 1103	Printed Name: Time:	Printed Name: Time:
Company: MFA	Company: Apex	Company:	Company:

Form Y-002 R-00

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A5I1736 COC 2 of 2

Company: MFA | Project Mgr: Meaghan Pollock | Project Name: Park Laundry Cleanup | Project #: M0239.33007
Address: 350 E Mill Plain Blvd Vancouver WA | Phone: 360 947 2280 | Email: mpollock@maulfoster.com | PO #
Sampled by: Sam Maloney

Site Location: State WA, County CLARK

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TCLP TOTAL DISS.	TCLP Metals (8)	Dissolved Methane, Methane, Ethane, Ethene, Sulfate, Nitrate, Chloride, Anions	VOCs	VOCs (low level)	Ferrous Iron	Talc	Alkalinity	Hold Sample	Frozen Archive
MW108-092525	9/25/25	0925	GW	3														X			X						
MW-20D-092525		1010	GW	3														X			X						
MW-46D-092525		1006	GW	3														X				X					
MW-47D-092525		1030	GW	3														X				X					
MW-15-092525		1150	GW	3														X				X					
MW-16-092525		1250	GW	3														X				X					
MW-29D-092525		1141	GW	3														X			X						
MW-07-092525		1210	GW	3														X			X						
MW-10-092525		1430	GW	2														X				X					
MW-09-092525	V	1234	GW	8														X			X		X	X	X	X	X

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: _____

SPECIAL INSTRUCTIONS:
CVOCs: PCE, TCE, (1,1 DCE), cis-1,2-DCE, trans-1,2 DCE, VINYL CHLORIDE.

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date:	Date: 9/26/25	Date:	Date:
Time:	Time: 1103	Time:	Time:
Printed Name:	Printed Name: Jason Eskew	Printed Name:	Printed Name:
Company:	Company: Apex	Company:	Company:

Form Y-002 R-00

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A5I1736 COC 3 of 3

Company: MFA
Project Mgr: Meaghan Pollak
Project Name: Park Laundry Cleanup
Project #: M0239.33.007
Address: 330 E Mill Plain Blvd Ste 405 Van, WA
Phone: 360 947 2206
Email: mpollock@maulfoster.com
PO #
Sampled by: Ysabel Perez Sean Malony
Site Location:
State WA
County CLARK

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	CVOCs	Hold Sample	Frozen Archive
MW11-092525	9/25/25	1155	gw	3																X		
EQUIPMENT BLANK	9/25/25	1900	w	3																X		
TRIP BLANK 2	9/25/25	—	w	1																X		

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day (Standard) Other: ______

SPECIAL INSTRUCTIONS:
CVOCs include:
PCE; TCE; 1,1 DCE; Cis-1,2-DCE;
trans-1,2 DCE; Vinyl chloride

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 9/26/25	Signature: [signature] Date: 9/26/25	Signature: Date:	Signature: Date:
Printed Name: Ysabel Perez Time: 1103	Printed Name: Jupi Elei Time: 1103	Printed Name: Time:	Printed Name: Time:
Company: MFA	Company: APLA	Company:	Company:

Form Y-002 R-00

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5I1736 - 10 15 25 1917**

APEX LABS COOLER RECEIPT FORM

Client: MFA Element WO#: A5I1736

Project/Project #: Park Laundry Cleanup / M0239.007

Delivery Info:

Date/time received: 9/26/25 @ 1103 By: JPE

Delivered by: Apex ✓ Client ESS FedEx UPS Radio Morgan SDS Evergreen Other

From USDA Regulated Origin? Yes ____ No ✓

Cooler Inspection Date/time inspected: 9/26/25 @ 1200 By: JPE

Chain of Custody included? Yes ✓ No ____

Signed/dated by client? Yes ✓ No ____

Contains USDA Reg. Soils? Yes ____ No ✓ Unsure (email RegSoils) ____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	3.1	5.1					
Custody seals? (Y/N)	N	N					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
Ice type: (Gel/Real/Other)	REAL	REAL					
Condition (In/Out):	IN	IN					

Cooler out of temp? (Y/N) Possible reason why: ____

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 9/26/25 @ 12:56 By: JPE

All samples intact? Yes ✓ No ___ Comments: ____

Bottle labels/COCs agree? Yes ✓ No ___ Comments: ____

COC/container discrepancies form initiated? Yes ___ No ✓

Containers/volumes received appropriate for analysis? Yes ✓ No ___ Comments: ____

Do VOA vials have visible headspace? Yes ___ No ✓ NA ✓ 9/26/25

Comments ____

Water samples: pH checked: Yes ✓ No ___ NA ___ pH appropriate? Yes ✓ No ___ NA ___ pH ID: A25271

Comments: ____

TB# 3799

Labeled by: JPE Witness: JPE Cooler Inspected by: JPE

Form Y-003 R-02

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ANALYTICAL REPORT

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Thursday, October 23, 2025

Meaghan Pollock
Maul Foster & Alongi, INC.
3140 NE Broadway Street
Portland, OR 97232

RE: A5J1042 - Park Laundry Remedy - M0239.33.007

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A5J1042, which was received by the laboratory on 10/1/2025 at 3:15:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information
Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.
(See Cooler Receipt Form for details)
Default Cooler 4.9 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW03-093025	A5J1042-01	Water	09/30/25 11:00	10/01/25 15:15
MW04-093025	A5J1042-02	Water	09/30/25 11:51	10/01/25 15:15
MW05-093025	A5J1042-03	Water	09/30/25 10:06	10/01/25 15:15
MW13-093025	A5J1042-04	Water	09/30/25 09:17	10/01/25 15:15
Trip Blank 3	A5J1042-05	Water	09/30/25 00:00	10/01/25 15:15

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW03-093025 (A5J1042-01RE1)				**Matrix: Water**		**Batch: 25J0146**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/03/25 15:47	EPA 8260D	
cis-1,2-Dichloroethene	**37.3**	0.200	0.400	ug/L	1	10/03/25 15:47	EPA 8260D	
trans-1,2-Dichloroethene	**0.390**	0.200	0.400	ug/L	1	10/03/25 15:47	EPA 8260D	**J**
Tetrachloroethene (PCE)	**42.7**	0.200	0.400	ug/L	1	10/03/25 15:47	EPA 8260D	
Trichloroethene (TCE)	**8.04**	0.200	0.400	ug/L	1	10/03/25 15:47	EPA 8260D	
Vinyl chloride	**15.7**	0.100	0.200	ug/L	1	10/03/25 15:47	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*10/03/25 15:47*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*10/03/25 15:47*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*10/03/25 15:47*	*EPA 8260D*	
MW04-093025 (A5J1042-02)				**Matrix: Water**		**Batch: 25J0109**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 20:30	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 20:30	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 20:30	EPA 8260D	
Tetrachloroethene (PCE)	**3.78**	0.200	0.400	ug/L	1	10/02/25 20:30	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/02/25 20:30	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/02/25 20:30	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*10/02/25 20:30*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 20:30*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*10/02/25 20:30*	*EPA 8260D*	
MW05-093025 (A5J1042-03RE1)				**Matrix: Water**		**Batch: 25J0146**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/03/25 16:10	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/03/25 16:10	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/03/25 16:10	EPA 8260D	
Tetrachloroethene (PCE)	**131**	0.200	0.400	ug/L	1	10/03/25 16:10	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/03/25 16:10	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/03/25 16:10	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*10/03/25 16:10*	*EPA 8260D*	
Toluene-d8 (Surr)			*106 %*	*80-120 %*	*1*	*10/03/25 16:10*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*10/03/25 16:10*	*EPA 8260D*	
MW13-093025 (A5J1042-04)				**Matrix: Water**		**Batch: 25J0109**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 21:15	EPA 8260D	

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW13-093025 (A5J1042-04)				**Matrix: Water**		**Batch: 25J0109**		
cis-1,2-Dichloroethene	**3.96**	0.200	0.400	ug/L	1	10/02/25 21:15	EPA 8260D	
trans-1,2-Dichloroethene	**1.11**	0.200	0.400	ug/L	1	10/02/25 21:15	EPA 8260D	
Tetrachloroethene (PCE)	**36.5**	0.200	0.400	ug/L	1	10/02/25 21:15	EPA 8260D	
Trichloroethene (TCE)	**18.1**	0.200	0.400	ug/L	1	10/02/25 21:15	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/02/25 21:15	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*10/02/25 21:15*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 21:15*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 21:15*	*EPA 8260D*	
Trip Blank 3 (A5J1042-05)				**Matrix: Water**		**Batch: 25J0109**		
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 16:44	EPA 8260D	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 16:44	EPA 8260D	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	10/02/25 16:44	EPA 8260D	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	10/02/25 16:44	EPA 8260D	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	10/02/25 16:44	EPA 8260D	
Vinyl chloride	ND	0.100	0.200	ug/L	1	10/02/25 16:44	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*10/02/25 16:44*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*10/02/25 16:44*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*10/02/25 16:44*	*EPA 8260D*	

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Philip Nerenberg

Philip Nerenberg, Lab Director

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW03-093025 (A5J1042-01)				**Matrix: Water**				
Batch: 25J0381								
Calcium	**35500**	---	600	ug/L	1	10/10/25 18:19	EPA 6020B	
MW03-093025 (A5J1042-01RE1)				**Matrix: Water**				
Batch: 25J0256								
Iron	**20100**	---	2500	ug/L	50	10/08/25 12:38	EPA 6020B	
Batch: 25J0381								
Magnesium	**86300**	---	1500	ug/L	10	10/11/25 18:55	EPA 6020B	
MW03-093025 (A5J1042-01RE3)				**Matrix: Water**				
Batch: 25J0309								
Manganese	**10700**	---	10.0	ug/L	10	10/09/25 21:53	EPA 6020B	
MW04-093025 (A5J1042-02)				**Matrix: Water**				
Batch: 25J0381								
Calcium	**24000**	---	600	ug/L	1	10/10/25 18:35	EPA 6020B	
Magnesium	**10500**	---	150	ug/L	1	10/10/25 18:35	EPA 6020B	
MW04-093025 (A5J1042-02RE1)				**Matrix: Water**				
Batch: 25J0256								
Iron	**63.9**	---	50.0	ug/L	1	10/08/25 11:22	EPA 6020B	
MW04-093025 (A5J1042-02RE2)				**Matrix: Water**				
Batch: 25J0309								
Manganese	**1.89**	---	1.00	ug/L	1	10/09/25 21:04	EPA 6020B	
MW05-093025 (A5J1042-03)				**Matrix: Water**				
Batch: 25J0256								
Iron	ND	---	50.0	ug/L	1	10/08/25 01:14	EPA 6020B	
Batch: 25J0381								
Calcium	**20200**	---	600	ug/L	1	10/10/25 18:41	EPA 6020B	
Magnesium	**9460**	---	150	ug/L	1	10/10/25 18:41	EPA 6020B	
MW05-093025 (A5J1042-03RE1)				**Matrix: Water**				
Batch: 25J0309								
Manganese	**9.13**	---	1.00	ug/L	1	10/09/25 00:20	EPA 6020B	

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Philip Nerenberg, Lab Director

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ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: Park Laundry Remedy	
3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW13-093025 (A5J1042-04)				**Matrix: Water**				
Batch: 25J0381								
Calcium	**25600**	---	600	ug/L	1	10/10/25 18:46	EPA 6020B	
Magnesium	**12600**	---	150	ug/L	1	10/10/25 18:46	EPA 6020B	
MW13-093025 (A5J1042-04RE1)				**Matrix: Water**				
Batch: 25J0256								
Iron	**204**	---	50.0	ug/L	1	10/08/25 11:28	EPA 6020B	
MW13-093025 (A5J1042-04RE2)				**Matrix: Water**				
Batch: 25J0309								
Manganese	**4.23**	---	1.00	ug/L	1	10/09/25 21:10	EPA 6020B	

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Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

ANALYTICAL SAMPLE RESULTS

Anions by Ion Chromatography

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW03-093025 (A5J1042-01)				**Matrix: Water**				
Batch: 25J0064								
Chloride	**9.77**	---	1.00	mg/L	1	10/01/25 19:32	EPA 300.0	
Nitrate-Nitrogen	ND	---	0.250	mg/L	1	10/01/25 19:32	EPA 300.0	
Sulfate	**1.49**	---	1.00	mg/L	1	10/01/25 19:32	EPA 300.0	
MW04-093025 (A5J1042-02)				**Matrix: Water**				
Batch: 25J0064								
Chloride	**5.33**	---	1.00	mg/L	1	10/01/25 20:37	EPA 300.0	
Nitrate-Nitrogen	**6.05**	---	0.250	mg/L	1	10/01/25 20:37	EPA 300.0	
Sulfate	**5.21**	---	1.00	mg/L	1	10/01/25 20:37	EPA 300.0	
MW05-093025 (A5J1042-03)				**Matrix: Water**				
Batch: 25J0064								
Chloride	**3.10**	---	1.00	mg/L	1	10/01/25 20:59	EPA 300.0	
Nitrate-Nitrogen	**0.846**	---	0.250	mg/L	1	10/01/25 20:59	EPA 300.0	
Sulfate	**5.29**	---	1.00	mg/L	1	10/01/25 20:59	EPA 300.0	
MW13-093025 (A5J1042-04)				**Matrix: Water**				
Batch: 25J0064								
Chloride	**14.3**	---	1.00	mg/L	1	10/01/25 21:20	EPA 300.0	
Nitrate-Nitrogen	**4.61**	---	0.250	mg/L	1	10/01/25 21:20	EPA 300.0	
Sulfate	**7.71**	---	1.00	mg/L	1	10/01/25 21:20	EPA 300.0	

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3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

ANALYTICAL SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW03-093025 (A5J1042-01)				**Matrix: Water**				
Batch: 25J0178								
Total Alkalinity	**504**	---	20.0	mg CaCO3/L	1	10/06/25 11:31	SM 2320 B	
Bicarbonate Alkalinity	**504**	---	20.0	mg CaCO3/L	1	10/06/25 11:31	SM 2320 B	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:31	SM 2320 B	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:31	SM 2320 B	
MW04-093025 (A5J1042-02)				**Matrix: Water**				
Batch: 25J0178								
Total Alkalinity	**96.8**	---	20.0	mg CaCO3/L	1	10/06/25 11:51	SM 2320 B	
Bicarbonate Alkalinity	**96.8**	---	20.0	mg CaCO3/L	1	10/06/25 11:51	SM 2320 B	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:51	SM 2320 B	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:51	SM 2320 B	
MW05-093025 (A5J1042-03)				**Matrix: Water**				
Batch: 25J0178								
Total Alkalinity	**115**	---	20.0	mg CaCO3/L	1	10/06/25 11:59	SM 2320 B	
Bicarbonate Alkalinity	**115**	---	20.0	mg CaCO3/L	1	10/06/25 11:59	SM 2320 B	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:59	SM 2320 B	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 11:59	SM 2320 B	
MW13-093025 (A5J1042-04)				**Matrix: Water**				
Batch: 25J0178								
Total Alkalinity	**96.6**	---	20.0	mg CaCO3/L	1	10/06/25 12:07	SM 2320 B	
Bicarbonate Alkalinity	**96.6**	---	20.0	mg CaCO3/L	1	10/06/25 12:07	SM 2320 B	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 12:07	SM 2320 B	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	10/06/25 12:07	SM 2320 B	

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Philip Nerenberg

Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0109 - EPA 5030C												**Water**
Blank (25J0109-BLK1)				Prepared: 10/02/25 14:00 Analyzed: 10/02/25 15:58								
EPA 8260D												
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.100	0.200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 103 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*103 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*			*"*				
LCS (25J0109-BS1)				Prepared: 10/02/25 14:00 Analyzed: 10/02/25 14:50								
EPA 8260D												
1,1-Dichloroethene	23.7	0.200	0.400	ug/L	1	20.0	---	118	80-120%	---	---	
cis-1,2-Dichloroethene	22.4	0.200	0.400	ug/L	1	20.0	---	112	80-120%	---	---	
trans-1,2-Dichloroethene	22.7	0.200	0.400	ug/L	1	20.0	---	114	80-120%	---	---	
Tetrachloroethene (PCE)	18.7	0.200	0.400	ug/L	1	20.0	---	94	80-120%	---	---	
Trichloroethene (TCE)	20.4	0.200	0.400	ug/L	1	20.0	---	102	80-120%	---	---	
Vinyl chloride	22.1	0.100	0.200	ug/L	1	20.0	---	111	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*			*"*				
Duplicate (25J0109-DUP1)				Prepared: 10/02/25 15:16 Analyzed: 10/02/25 22:00								
QC Source Sample: MW03-093025 (A5J1042-01)												
EPA 8260D												
1,1-Dichloroethene	ND	4.00	8.00	ug/L	20	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	**37.4**	4.00	8.00	ug/L	20	---	38.4	---	---	3	30%	
trans-1,2-Dichloroethene	ND	4.00	8.00	ug/L	20	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	**54.4**	4.00	8.00	ug/L	20	---	57.4	---	---	5	30%	
Trichloroethene (TCE)	**10.2**	4.00	8.00	ug/L	20	---	10.0	---	---	2	30%	
Vinyl chloride	**17.8**	2.00	4.00	ug/L	20	---	17.6	---	---	1	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 106 %*		*Limits: 80-120 %*			*Dilution: 1x*				

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Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0109 - EPA 5030C												**Water**
Duplicate (25J0109-DUP1)				Prepared: 10/02/25 15:16 Analyzed: 10/02/25 22:00								
QC Source Sample: MW03-093025 (A5J1042-01)												
Surr: Toluene-d8 (Surr)			*Recovery: 104 %*	*Limits: 80-120 %*		*Dilution: 1x*						
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*		*"*						
Matrix Spike (25J0109-MS1)				Prepared: 10/02/25 15:16 Analyzed: 10/03/25 01:24								
QC Source Sample: Non-SDG (A5J1064-17)												
EPA 8260D												
1,1-Dichloroethene	27.4	0.200	0.400	ug/L	1	20.0	0.550	**134**	**71-131%**	---	---	Q-01
cis-1,2-Dichloroethene	53.2	0.200	0.400	ug/L	1	20.0	26.7	**132**	**78-123%**	---	---	Q-01
trans-1,2-Dichloroethene	25.6	0.200	0.400	ug/L	1	20.0	0.370	**126**	**75-124%**	---	---	Q-01
Tetrachloroethene (PCE)	106	0.200	0.400	ug/L	1	20.0	87.5	92	74-129%	---	---	
Trichloroethene (TCE)	132	0.200	0.400	ug/L	1	20.0	115	85	79-123%	---	---	
Vinyl chloride	26.3	0.100	0.200	ug/L	1	20.0	0.610	128	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 104 %*	*Limits: 80-120 %*		*Dilution: 1x*						
Toluene-d8 (Surr)			*95 %*	*80-120 %*		*"*						
4-Bromofluorobenzene (Surr)			*92 %*	*80-120 %*		*"*						
Matrix Spike Dup (25J0109-MSD1)				Prepared: 10/02/25 15:16 Analyzed: 10/03/25 01:47								
QC Source Sample: Non-SDG (A5J1064-17)												
1,1-Dichloroethene	26.5	0.200	0.400	ug/L	1	20.0	0.550	130	71-131%	3	30%	
cis-1,2-Dichloroethene	52.2	0.200	0.400	ug/L	1	20.0	26.7	**127**	**78-123%**	2	30%	Q-01
trans-1,2-Dichloroethene	25.5	0.200	0.400	ug/L	1	20.0	0.370	**126**	**75-124%**	0.3	30%	Q-01
Tetrachloroethene (PCE)	101	0.200	0.400	ug/L	1	20.0	87.5	**68**	**74-129%**	5	30%	Q-03
Trichloroethene (TCE)	126	0.200	0.400	ug/L	1	20.0	115	**53**	**79-123%**	5	30%	Q-03
Vinyl chloride	26.9	0.100	0.200	ug/L	1	20.0	0.610	132	58-137%	2	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 103 %*	*Limits: 80-120 %*		*Dilution: 1x*						
Toluene-d8 (Surr)			*97 %*	*80-120 %*		*"*						
4-Bromofluorobenzene (Surr)			*92 %*	*80-120 %*		*"*						

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ANALYTICAL REPORT

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3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0146 - EPA 5030C												**Water**
Blank (25J0146-BLK1)			Prepared: 10/03/25 08:00 Analyzed: 10/03/25 10:05									
EPA 8260D												
1,1-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	0.200	0.400	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	0.100	0.200	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 102 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*105 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*99 %*		*80-120 %*			*"*				
LCS (25J0146-BS1)			Prepared: 10/03/25 08:00 Analyzed: 10/03/25 08:57									
EPA 8260D												
1,1-Dichloroethene	21.9	0.200	0.400	ug/L	1	20.0	---	109	80-120%	---	---	
cis-1,2-Dichloroethene	21.5	0.200	0.400	ug/L	1	20.0	---	107	80-120%	---	---	
trans-1,2-Dichloroethene	21.4	0.200	0.400	ug/L	1	20.0	---	107	80-120%	---	---	
Tetrachloroethene (PCE)	16.8	0.200	0.400	ug/L	1	20.0	---	84	80-120%	---	---	
Trichloroethene (TCE)	17.9	0.200	0.400	ug/L	1	20.0	---	90	80-120%	---	---	
Vinyl chloride	20.5	0.100	0.200	ug/L	1	20.0	---	103	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*90 %*		*80-120 %*			*"*				
Duplicate (25J0146-DUP1)			Prepared: 10/03/25 10:16 Analyzed: 10/03/25 15:24									**V-01**
QC Source Sample: Non-SDG (A5I1822-01)												
1,1-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	2.00	4.00	ug/L	10	---	ND	---	---	---	30%	
Vinyl chloride	ND	1.00	2.00	ug/L	10	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*102 %*		*80-120 %*			*"*				

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Philip Nerenberg

Philip Nerenberg, Lab Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

QUALITY CONTROL (QC) SAMPLE RESULTS

Halogenated Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0146 - EPA 5030C							**Water**					
Duplicate (25J0146-DUP1)			Prepared: 10/03/25 10:16 Analyzed: 10/03/25 15:24									**V-01**
QC Source Sample: Non-SDG (A5I1822-01)												
Surr: 4-Bromofluorobenzene (Surr)			*Recovery: 100 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Matrix Spike (25J0146-MS1)			Prepared: 10/03/25 10:16 Analyzed: 10/03/25 13:53									**CONT**
QC Source Sample: Non-SDG (A5J1078-01)												
EPA 8260D												
1,1-Dichloroethene	25.8	0.200	0.400	ug/L	1	20.0	ND	129	71-131%	---	---	
cis-1,2-Dichloroethene	23.8	0.200	0.400	ug/L	1	20.0	ND	119	78-123%	---	---	
trans-1,2-Dichloroethene	25.0	0.200	0.400	ug/L	1	20.0	ND	**125**	**75-124%**	---	---	Q-01
Tetrachloroethene (PCE)	19.6	0.200	0.400	ug/L	1	20.0	ND	98	74-129%	---	---	
Trichloroethene (TCE)	20.1	0.200	0.400	ug/L	1	20.0	ND	101	79-123%	---	---	
Vinyl chloride	24.9	0.100	0.200	ug/L	1	20.0	ND	124	58-137%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 98 %*	*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*98 %*	*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)			*91 %*	*80-120 %*			*"*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0256 - EPA 3015A									Water			
Blank (25J0256-BLK1)			Prepared: 10/07/25 14:04		Analyzed: 10/07/25 22:59							
EPA 6020B												
Iron	ND	---	50.0	ug/L	1	---	---	---	---	---	---	
Manganese	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
LCS (25J0256-BS1)			Prepared: 10/07/25 14:04		Analyzed: 10/07/25 23:04							
EPA 6020B												
Iron	5540	---	50.0	ug/L	1	5560	---	100	80-120%	---	---	
Manganese	67.8	---	1.00	ug/L	1	55.6	---	**122**	**80-120%**	---	---	Q-29
Matrix Spike (25J0256-MS1)			Prepared: 10/07/25 14:04		Analyzed: 10/08/25 00:31							
QC Source Sample: Non-SDG (A5I1728-06)												
EPA 6020B												
Iron	8200	---	50.0	ug/L	1	5560	2630	100	75-125%	---	---	Q-41
Manganese	108	---	1.00	ug/L	1	55.6	54.9	96	75-125%	---	---	Q-29
Matrix Spike Dup (25J0256-MSD1)			Prepared: 10/07/25 14:04		Analyzed: 10/08/25 00:36							
QC Source Sample: Non-SDG (A5I1728-06)												
Iron	8150	---	50.0	ug/L	1	5560	2630	99	75-125%	0.6	20%	Q-41
Manganese	108	---	1.00	ug/L	1	55.6	54.9	96	75-125%	0.1	20%	Q-29

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0309 - EPA 3015A												**Water**
Blank (25J0309-BLK1)			Prepared: 10/08/25 14:05		Analyzed: 10/08/25 22:05							
EPA 6020B												
Manganese	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
LCS (25J0309-BS1)			Prepared: 10/08/25 14:05		Analyzed: 10/08/25 22:11							
EPA 6020B												
Manganese	53.8	---	1.00	ug/L	1	55.6	---	97	80-120%	---	---	
Matrix Spike (25J0309-MS1)			Prepared: 10/08/25 14:05		Analyzed: 10/08/25 23:21							
QC Source Sample: Non-SDG (A5I1728-06RE1)												
EPA 6020B												
Manganese	111	---	1.00	ug/L	1	55.6	54.6	102	75-125%	---	---	
Matrix Spike Dup (25J0309-MSD1)			Prepared: 10/08/25 14:05		Analyzed: 10/08/25 23:26							
QC Source Sample: Non-SDG (A5I1728-06RE1)												
Manganese	108	---	1.00	ug/L	1	55.6	54.6	96	75-125%	3	20%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0381 - EPA 3015A									Water			
Blank (25J0381-BLK1)			Prepared: 10/10/25 08:14		Analyzed: 10/10/25 18:03							
EPA 6020B												
Calcium	ND	---	600	ug/L	1	---	---	---	---	---	---	
Magnesium	ND	---	150	ug/L	1	---	---	---	---	---	---	
LCS (25J0381-BS1)			Prepared: 10/10/25 08:14		Analyzed: 10/10/25 18:08							
EPA 6020B												
Calcium	5480	---	600	ug/L	1	5560	---	99	80-120%	---	---	
Magnesium	5600	---	150	ug/L	1	5560	---	101	80-120%	---	---	
Matrix Spike (25J0381-MS3)			Prepared: 10/10/25 08:14		Analyzed: 10/11/25 19:08							
QC Source Sample: Non-SDG (A5J1064-17RE1)												
EPA 6020B												
Calcium	16800	---	600	ug/L	1	5560	10600	111	75-125%	---	---	Q-16
Magnesium	18800	---	150	ug/L	1	5560	13300	99	75-125%	---	---	Q-16
Matrix Spike Dup (25J0381-MSD3)			Prepared: 10/10/25 08:14		Analyzed: 10/11/25 19:14							
QC Source Sample: Non-SDG (A5J1064-17RE1)												
Calcium	16100	---	600	ug/L	1	5560	10600	99	75-125%	4	20%	Q-16
Magnesium	18800	---	150	ug/L	1	5560	13300	99	75-125%	0.09	20%	Q-16

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QUALITY CONTROL (QC) SAMPLE RESULTS

Anions by Ion Chromatography

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0064 - Method Prep: Aq									Water			
Blank (25J0064-BLK1)			Prepared: 10/01/25 16:34		Analyzed: 10/01/25 18:06							
EPA 300.0												
Chloride	ND	---	1.00	mg/L	1	---	---	---	---	---	---	
Nitrate-Nitrogen	ND	---	0.250	mg/L	1	---	---	---	---	---	---	
Sulfate	ND	---	1.00	mg/L	1	---	---	---	---	---	---	
LCS (25J0064-BS1)			Prepared: 10/01/25 16:34		Analyzed: 10/01/25 18:28							
EPA 300.0												
Chloride	7.82	---	1.00	mg/L	1	8.00	---	98	90-110%	---	---	
Nitrate-Nitrogen	2.05	---	0.250	mg/L	1	2.00	---	103	90-110%	---	---	
Sulfate	7.98	---	1.00	mg/L	1	8.00	---	100	90-110%	---	---	
Duplicate (25J0064-DUP1)			Prepared: 10/01/25 16:34		Analyzed: 10/01/25 19:54							
QC Source Sample: MW03-093025 (A5J1042-01)												
EPA 300.0												
Chloride	**9.75**	---	1.00	mg/L	1	---	9.77	---	---	0.2	10%	
Nitrate-Nitrogen	ND	---	0.250	mg/L	1	---	ND	---	---	---	10%	
Sulfate	**1.45**	---	1.00	mg/L	1	---	1.49	---	---	3	10%	
Matrix Spike (25J0064-MS1)			Prepared: 10/01/25 16:34		Analyzed: 10/01/25 20:15							
QC Source Sample: MW03-093025 (A5J1042-01)												
EPA 300.0												
Chloride	20.0	---	1.25	mg/L	1	10.0	9.77	102	90-113%	---	---	
Nitrate-Nitrogen	2.50	---	0.312	mg/L	1	2.50	ND	100	87-112%	---	---	
Sulfate	11.5	---	1.25	mg/L	1	10.0	1.49	100	88-115%	---	---	

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3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

QUALITY CONTROL (QC) SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0178 - Method Prep: Aq									Water			
Blank (25J0178-BLK1)				Prepared: 10/06/25 08:32 Analyzed: 10/06/25 11:16								
SM 2320 B												
Total Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	---	---	---	---	---	
Bicarbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	---	---	---	---	---	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	---	---	---	---	---	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	---	---	---	---	---	
LCS (25J0178-BS1)				Prepared: 10/06/25 08:32 Analyzed: 10/06/25 11:22								
SM 2320 B												
Total Alkalinity	102	---	20.0	mg CaCO3/L	1	100	---	102	90-115%	---	---	
Duplicate (25J0178-DUP1)				Prepared: 10/06/25 08:32 Analyzed: 10/06/25 11:41								
QC Source Sample: MW03-093025 (A5J1042-01)												
SM 2320 B												
Total Alkalinity	**507**	---	20.0	mg CaCO3/L	1	---	504	---	---	0.4	5%	
Bicarbonate Alkalinity	**507**	---	20.0	mg CaCO3/L	1	---	504	---	---	0.4	5%	
Carbonate Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	ND	---	---	---	5%	
Hydroxide Alkalinity	ND	---	20.0	mg CaCO3/L	1	---	ND	---	---	---	5%	

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ANALYTICAL REPORT

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SAMPLE PREPARATION INFORMATION

Halogenated Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0109							
A5J1042-02	Water	EPA 8260D	09/30/25 11:51	10/02/25 15:16	5mL/5mL	5mL/5mL	1.00
A5J1042-04	Water	EPA 8260D	09/30/25 09:17	10/02/25 15:16	5mL/5mL	5mL/5mL	1.00
A5J1042-05	Water	EPA 8260D	09/30/25 00:00	10/02/25 15:16	5mL/5mL	5mL/5mL	1.00
Batch: 25J0146							
A5J1042-01RE1	Water	EPA 8260D	09/30/25 11:00	10/03/25 10:00	5mL/5mL	5mL/5mL	1.00
A5J1042-03RE1	Water	EPA 8260D	09/30/25 10:06	10/03/25 10:00	5mL/5mL	5mL/5mL	1.00

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0256							
A5J1042-01RE1	Water	EPA 6020B	09/30/25 11:00	10/07/25 14:04	45mL/50mL	45mL/50mL	1.00
A5J1042-02RE1	Water	EPA 6020B	09/30/25 11:51	10/07/25 14:04	45mL/50mL	45mL/50mL	1.00
A5J1042-03	Water	EPA 6020B	09/30/25 10:06	10/07/25 14:04	45mL/50mL	45mL/50mL	1.00
A5J1042-04RE1	Water	EPA 6020B	09/30/25 09:17	10/07/25 14:04	45mL/50mL	45mL/50mL	1.00
Batch: 25J0309							
A5J1042-01RE3	Water	EPA 6020B	09/30/25 11:00	10/08/25 14:05	45mL/50mL	45mL/50mL	1.00
A5J1042-02RE2	Water	EPA 6020B	09/30/25 11:51	10/08/25 14:05	45mL/50mL	45mL/50mL	1.00
A5J1042-03RE1	Water	EPA 6020B	09/30/25 10:06	10/08/25 14:05	45mL/50mL	45mL/50mL	1.00
A5J1042-04RE2	Water	EPA 6020B	09/30/25 09:17	10/08/25 14:05	45mL/50mL	45mL/50mL	1.00
Batch: 25J0381							
A5J1042-01	Water	EPA 6020B	09/30/25 11:00	10/10/25 08:14	45mL/50mL	45mL/50mL	1.00
A5J1042-01RE1	Water	EPA 6020B	09/30/25 11:00	10/10/25 08:14	45mL/50mL	45mL/50mL	1.00
A5J1042-02	Water	EPA 6020B	09/30/25 11:51	10/10/25 08:14	45mL/50mL	45mL/50mL	1.00
A5J1042-03	Water	EPA 6020B	09/30/25 10:06	10/10/25 08:14	45mL/50mL	45mL/50mL	1.00
A5J1042-04	Water	EPA 6020B	09/30/25 09:17	10/10/25 08:14	45mL/50mL	45mL/50mL	1.00

Anions by Ion Chromatography

Prep: Method Prep: Aq

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0064							
A5J1042-01	Water	EPA 300.0	09/30/25 11:00	10/01/25 16:34	5mL/5mL	5mL/5mL	1.00
A5J1042-02	Water	EPA 300.0	09/30/25 11:51	10/01/25 16:34	5mL/5mL	5mL/5mL	1.00

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ANALYTICAL REPORT

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3140 NE Broadway Street	Project Number: M0239.33.007	Report ID:
Portland, OR 97232	Project Manager: Meaghan Pollock	A5J1042 - 10 23 25 1715

SAMPLE PREPARATION INFORMATION

Anions by Ion Chromatography

Prep: Method Prep: Aq

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A5J1042-03	Water	EPA 300.0	09/30/25 10:06	10/01/25 16:34	5mL/5mL	5mL/5mL	1.00
A5J1042-04	Water	EPA 300.0	09/30/25 09:17	10/01/25 16:34	5mL/5mL	5mL/5mL	1.00

Conventional Chemistry Parameters

Prep: Method Prep: Aq

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0178							
A5J1042-01	Water	SM 2320 B	09/30/25 11:00	10/06/25 08:32	60mL/60mL	60mL/60mL	NA
A5J1042-02	Water	SM 2320 B	09/30/25 11:51	10/06/25 08:32	60mL/60mL	60mL/60mL	NA
A5J1042-03	Water	SM 2320 B	09/30/25 10:06	10/06/25 08:32	60mL/60mL	60mL/60mL	NA
A5J1042-04	Water	SM 2320 B	09/30/25 09:17	10/06/25 08:32	60mL/60mL	60mL/60mL	NA

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QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

CONT	The Sample Container provided for this analysis was not provided by Apex Laboratories, and has not been verified as part of the Apex Quality System.
J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified DL.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-03	Spike recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
Q-16	Reanalysis of an original Batch QC sample.
Q-29	Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.
Q-41	Estimated Results. Recovery of Continuing Calibration Verification sample above upper control limit for this analyte. Results are likely biased high.
V-01	Sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Validated Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

Results for Volatiles analyses on soils and sediments that are reported on a “dry weight” basis include the water miscible solvent (WMS) correction referenced in the EPA 8000 Method guidance documents. Solid and Liquid samples reported on an “As Received” basis do not have the WMS correction applied, as dry weight was not performed.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.
Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.
-Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.
'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level, if results are not reported to the MDL.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

Decanted Samples:

Soils/Sediments:
Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:
Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)
Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight corretion as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

APEX LABS — CHAIN OF CUSTODY

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

Lab # A5J1042 COC 1 of 1

Company: MAUL FOSTER ALONGI Project Mgr: Meaghan Pollock Project Name: PARK LAUNDRY Cleanup Project #: M0239.33.007

Address: 330 E Mill Plain Blvd, Ste 405 Phone: 360 947 2206 Email: mpollock@maulfoster.com PO #

Sampled by: Y. Perez 9/30/25

Site Location: State WA County CLARK

ANALYSIS REQUEST

#	SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260D BTEX	8260D RBDM VOCs	8260 Halo VOCs	8260D VOCs Full List	8270E PAHs	8270E Semi-Vols Full List	8082A PCBs	8081B Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn — TOTAL DISS. TCLP	TCLP Metals (8)	CVOCs	Ferrous Iron	TOC	Alkalinity	Anions: Chloride, Sulfate, Nitrate	Diss. gases: ethane, ethene, methane	Hold Sample	Frozen Archive
1	MW03-093025	9/30/25	1100	gw	8																X	X	X	X	X	X		
2	MW04-093025	↓	1151	gw	8																X	X	X	X	X	X		
3	MW05-093025	↓	1000	gw	8																X	X	X	X	X	X		
4	~~MW01-VP 9/30~~																											
5	MW13-093025	9/30/25	0917	gw	8																X	X	X	X	X	X		
6																												
7	TRIP BLANK 3	9/30/25	—	w	1																X							
8																												
9																												
10																												

Normal Turn Around Time (TAT) = 10 Business Days → ☐

*** RUSH - Request → Indicate Date Needed: 10/2 for nitrates

***Rush TAT requests may incur additional cost

For TAT calculations, samples received after 3pm will be considered received the next business day. Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged.

SAMPLES ARE HELD FOR 30 DAYS

SPECIAL INSTRUCTIONS: CVOCs: PCE, TCE, (1,1 DCE); cis-1,2 DCE, trans-1,2 DCE, Vinyl Chloride

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 10/01/2025	Signature: [signature] Date: 10/1/25	Signature: Date:	Signature: Date:
Printed Name: Ysabel Perez Time: 1515	Printed Name: Alyssa Wilber Time: 1515	Printed Name: Time:	Printed Name: Time:
Company: MFA	Company: Apex	Company:	Company:

Form Y-002 R-02

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Maul Foster & Alongi, INC.	Project: **Park Laundry Remedy**	
3140 NE Broadway Street	Project Number: **M0239.33.007**	**Report ID:**
Portland, OR 97232	Project Manager: **Meaghan Pollock**	**A5J1042 - 10 23 25 1715**

APEX LABS COOLER RECEIPT FORM

Client: Maul Foster Alongi Element WO#: A5J1042

Project/Project #: Park Laundy Cleanup M0239.33.007

Delivery Info:

Date/time received: 10/1/25 @ 1515 By: AAW

Delivered by: Apex__Client_X_ESS___FedEx__UPS__Radio___Morgan ___SDS___Evergreen___Other ___

From USDA Regulated Origin? Yes _____ No _X_

Cooler Inspection Date/time inspected: 10/1/25 @ 1515 By: AAW

Chain of Custody included? Yes _X_ No _____

Signed/dated by client? Yes _X_ No _____

Contains USDA Reg. Soils? Yes _____ No _X_ Unsure (email RegSoils) _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	4.9						
Custody seals? (Y/N)	N						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition (In/Out):	In						

Cooler out of temp? (Y/N) Possible reason why: _____

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 10/1/25 @ 15:37 By: AAW

All samples intact? Yes _X_ No ___ Comments: _____

Bottle labels/COCs agree? Yes _X_ No ___ Comments: _____

COC/container discrepancies form initiated? Yes ___ No _X_

Containers/volumes received appropriate for analysis? Yes _X_ No ___ Comments: _____

Do VOA vials have visible headspace? Yes ___ No _X_ NA _X_ AAW 10/1/25

Comments _____

Water samples: pH checked: Yes _X_ No___ NA___ pH appropriate? Yes _X_ No___ NA___ pH ID: A25G271

Comments: _____

Trip Blank # Covered.

Labeled by: AAW Witness: AAW Cooler Inspected by: AAW

Form Y-003 R-02

Apex Laboratories

Philip Nerenberg

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Air TECHNOLOGY
Laboratories, Inc.

October 31, 2025

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
ASTM D1946, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

ALASKA CS-LAP 24-002
EPA Methods TO14A, TO15

Apex Laboratories
ATTN: Philip Nerenberg
6700 S.W. Sandburg St.
Tigard, OR 97223

LABORATORY TEST RESULTS

Project Reference: A5J1042
Lab Number: S100303-01/04

Enclosed are **REVISED** results for sample(s) received 10/3/25 by Air Technology Laboratories and replaces in its entirety the report dated 10/23/25. Samples were received intact and chilled to 3° C. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- The report has been revised to exclude results for carbon dioxide, per client request.
- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

S100303-01/04 GB 10/2/25

SUBCONTRACT ORDER

Apex Laboratories

A5J1042

SENDING LABORATORY:

Apex Laboratories
6700 S.W. Sandburg Street
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 336-0745
Project Manager: Philip Nerenberg

RECEIVING LABORATORY:

Air Technology Laboratories, Inc
18501 E. Gale Ave Suite 130
City of Industry, CA 91748
Phone :(626) 964-4032
Fax: (626) 964-5832

Sample Name: MW03-093025 S100303-01 **Water** **Sampled: 09/30/25 11:00** (A5J1042-01)

Analysis	Due	Expires	Comments
RSK 175 Non-Pres (M,E,E+CO2) (SUB)	10/14/25 17:00	10/07/25 11:00	
Containers Supplied:			
(A)40 mL VOA - Non Preserved			
(B)40 mL VOA - Non Preserved			

Sample Name: MW04-093025 -02 **Water** **Sampled: 09/30/25 11:51** (A5J1042-02)

Analysis	Due	Expires	Comments
RSK 175 Non-Pres (M,E,E+CO2) (SUB)	10/14/25 17:00	10/07/25 11:51	
Containers Supplied:			
(A)40 mL VOA - Non Preserved			
(B)40 mL VOA - Non Preserved			

Sample Name: MW05-093025 -03 **Water** **Sampled: 09/30/25 10:06** (A5J1042-03)

Analysis	Due	Expires	Comments
RSK 175 Non-Pres (M,E,E+CO2) (SUB)	10/14/25 17:00	10/07/25 10:06	
Containers Supplied:			
(A)40 mL VOA - Non Preserved			
(B)40 mL VOA - Non Preserved			

Sample Name: MW13-093025 -04 **Water** **Sampled: 09/30/25 09:17** (A5J1042-04)

Analysis	Due	Expires	Comments
RSK 175 Non-Pres (M,E,E+CO2) (SUB)	10/14/25 17:00	10/07/25 09:17	
Containers Supplied:			
(A)40 mL VOA - Non Preserved			
(B)40 mL VOA - Non Preserved			

STANDARD TAT

30 C TW

Released By	Date	Received By	Date
	10/2/25	UPS (Shipper)	
UPS (Shipper)			
Released By	Date	Received By	Date
		Lori Johnson	10/3/25 10:00

Client: Apex Laboratories
Attn: Philip Nerenberg
Project Name: NA
Project No.: A5J1042
Date Received: 10/03/25
Matrix: Water
Reporting Units: ug/L

RSK175

Lab No.:	S100303-01		S100303-02		S100303-03		S100303-04	
Client Sample I.D.:	MW03-093025 (A5J1042-01)		MW04-093025 (A5J1042-02)		MW05-093025 (A5J1042-03)		MW13-093025 (A5J1042-04)	
Date/Time Sampled:	9/30/25 11:00		9/30/25 11:51		9/30/25 10:06		9/30/25 9:17	
Date/Time Analyzed:	10/9/25 11:53		10/9/25 12:05		10/9/25 12:16		10/9/25 12:28	
QC Batch No.:	251009GC8A1		251009GC8A1		251009GC8A1		251009GC8A1	
Analyst Initials:	KD		KD		KD		KD	
Dilution Factor:	1.0		1.0		1.0		1.0	
ANALYTE	Result ug/L	RL ug/L	Result ug/L	RL ug/L	Result ug/L	RL ug/L	Result ug/L	RL ug/L
Ethene	84	1.0	ND	1.0	ND	1.0	ND	1.0
Ethane	3.6	1.0	ND	1.0	ND	1.0	ND	1.0
Methane	2,700	1.0	ND	1.0	ND	1.0	ND	1.0

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 10-30-25
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch No: 251009GC8A1
Matrix: Water
Reporting Units: ug/L

RSK 175
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	10/9/25 10:51			10/9/25 9:59		10/9/25 10:27					
Analyst Initials:	KD			KD		KD					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result ug/L	RL ug/L	SPIKE AMT. ug/L	Result ug/L	% Rec.	Result ug/L	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Ethene	ND	1.0	1,150	1,060	93	1,070	93	0.1	70	130	30
Ethane	ND	1.0	1,200	1,170	95	1,180	96	1.3	70	130	30
Methane	ND	1.0	650	649	99	657	100	1.3	70	130	30

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ **Date** 10-30-25
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

November 12, 2025 Revised Service Request No: K2509848.01

Philip Nerenberg
Apex Laboratories
6700 SW Sandburg St.
Tigard, OR 97223

Laboratory Results for: A5J1042

Dear Philip,

Enclosed is the revised report for the sample(s) submitted to our laboratory October 03, 2025.

For your reference, these analyses have been assigned our service request number **K2509848.**

Revised to add "B" Flags and add narrative regarding the method blank's MRL.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3261. You may also contact me via email at Hayleigh.Smith@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Hayleigh Smith
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

REVISED
4:34 pm, Nov 12, 2025

Narrative Documents

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Apex Laboratories
Project: A5J1042
Sample Matrix: Water

Service Request: K2509848
Date Received: 10/03/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Four water samples were received for analysis at ALS Environmental on 10/03/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

General Chemistry:

Method SM 5310 B, 10/08/2025:The Method Blank K2509848-MB contained low levels of Total Organic Carbon (TOC) above one half the Method Reporting Limit (MRL). In accordance with ALS QA/QC policy, all sample results less than twenty times the level found in the Method Blank were flagged as estimated. The samples were not re-extracted and re-analyzed because insufficient sample remained for additional testing.

Approved by Daeleigh Smith Date 11/12/2025

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW03-093025			Lab ID: K2509848-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Total Organic (TOC)	9.2		0.4	2.0	mg/L	SM 5310 B

CLIENT ID: MW04-093025			Lab ID: K2509848-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Total Organic (TOC)	0.3	BJ	0.2	1.0	mg/L	SM 5310 B

CLIENT ID: MW05-093025			Lab ID: K2509848-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Total Organic (TOC)	0.7	BJ	0.2	1.0	mg/L	SM 5310 B

CLIENT ID: MW13-093025			Lab ID: K2509848-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Total Organic (TOC)	0.4	BJ	0.2	1.0	mg/L	SM 5310 B

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Apex Laboratories **Service Request:**K2509848
Project: A5J1042

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2509848-001	MW03-093025	9/30/2025	1100
K2509848-002	MW04-093025	9/30/2025	1151
K2509848-003	MW05-093025	9/30/2025	1006
K2509848-004	MW13-093025	9/30/2025	0917

SUBCONTRACT ORDER

Apex Laboratories

A5J1042

JS

K2509848

OB 10/2/25

SENDING LABORATORY:

Apex Laboratories
6700 S.W. Sandburg Street
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 336-0745
Project Manager: Philip Nerenberg

RECEIVING LABORATORY:

ALS Group USA - Kelso
1317 S 13th Avenue
Kelso, WA 98626
Phone :(360) 577-7222
Fax: (360) 636-1068

Sample Name: MW03-093025 **Sampled: 09/30/25 11:00** (A5J1042-01)

Analysis	Due	Expires	Comments
Total Organic Carbon - H2O (5310B) - SUB	10/14/25 17:00	10/28/25 11:00	
Containers Supplied: (F)40 mL VOA - HCl -Amber			

Sample Name: MW04-093025 **Sampled: 09/30/25 11:51** (A5J1042-02)

Analysis	Due	Expires	Comments
Total Organic Carbon - H2O (5310B) - SUB	10/14/25 17:00	10/28/25 11:51	
Containers Supplied: (F)40 mL VOA - HCl -Amber			

Sample Name: MW05-093025 **Sampled: 09/30/25 10:06** (A5J1042-03)

Analysis	Due	Expires	Comments
Total Organic Carbon - H2O (5310B) - SUB	10/14/25 17:00	10/28/25 10:06	
Containers Supplied: (F)40 mL VOA - HCl -Amber			

Sample Name: MW13-093025 **Sampled: 09/30/25 09:17** (A5J1042-04)

Analysis	Due	Expires	Comments
Total Organic Carbon - H2O (5310B) - SUB	10/14/25 17:00	10/28/25 09:17	
Containers Supplied: (F)40 mL VOA - HCl -Amber			

STANDARD TAT

Released By	Date	Received By	Date
[signature]	10/3/25	Diane Pralo	10/3/25 930
Diane Pralo	10/3/25 1155	Diane Pralo	10/3/25 1155

PM HJ

Cooler Receipt and Preservation Form

Client Apex lab Service Request K25 09848

Received: 10/3/25 Opened: 10/3/25 By: pdp Unloaded: 10/3/25 By: pdp

1. Samples were received via? *USPS* *Fed Ex* *UPS* *DHL* *PDX* *Courier* *Hand Delivered*
2. Samples were received in: (circle) *Cooler* *Box* *Envelope* *Other* _____ *NA*
3. Were custody seals on coolers? NA Y N If yes, how many and where? _____

If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID (NA)	Out of temp Indicate with "X"	PM Notified If out of temp	Tracking Number (NA)	Filed
~~—~~	4.7	IR02		~~—~~	~~—~~		

4. Was a Temperature Blank present in cooler? NA Y N If yes, notate the temperature in the appropriate column below:

If no, take the temperature of a representative sample bottle contained within the cooler; notate in the column "Sample Temp":

5. Were samples received within the method specified temperature ranges? NA Y N

If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM. NA Y N

If applicable, tissue samples were received: *Frozen* *Partially Thawed* *Thawed*

6. Packing material: *Inserts* *Baggies* *Bubble Wrap* *Gel Packs* *Wet Ice* *Dry Ice* *Sleeves* _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
8. Were samples received in good condition (unbroken) NA Y N
9. Were all sample labels complete (ie, analysis, preservation, etc.)? NA Y N
10. Did all sample labels and tags agree with custody papers? NA Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
12. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* NA Y N
13. Were VOA vials received without headspace? *Indicate in the table below.* NA Y N
14. Was C12/Res negative? NA Y N
15. Were samples received within method specified time limit? If not, notate the error below and notify the PM. NA Y N
16. Were 100mL sterile microbiology bottles filled exactly to the 100mL mark? NA Y N Underfilled Overfilled

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: _____

Miscellaneous Forms

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value over the calibration range.
J	The result is an estimated value between the MDL and the MRL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Apex Laboratories **Service Request:** K2509848
Project: A5J1042/

Sample Name: MW03-093025 **Date Collected:** 09/30/25
Lab Code: K2509848-001 **Date Received:** 10/3/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name: MW03-093025 **Date Collected:** 09/30/25
Lab Code: K2509848-001.R01 **Date Received:** 10/3/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name: MW04-093025 **Date Collected:** 09/30/25
Lab Code: K2509848-002 **Date Received:** 10/3/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name: MW04-093025 **Date Collected:** 09/30/25
Lab Code: K2509848-002.R01 **Date Received:** 10/3/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name: MW05-093025 **Date Collected:** 09/30/25
Lab Code: K2509848-003 **Date Received:** 10/3/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042/		

Sample Name:	MW05-093025	**Date Collected:**	09/30/25
Lab Code:	K2509848-003.R01	**Date Received:**	10/3/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name:	MW13-093025	**Date Collected:**	09/30/25
Lab Code:	K2509848-004	**Date Received:**	10/3/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Name:	MW13-093025	**Date Collected:**	09/30/25
Lab Code:	K2509848-004.R01	**Date Received:**	10/3/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
SM 5310 B		MSPECHT

Sample Results

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General Chemistry

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Analytical Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Collected:**	09/30/25 11:00
Sample Matrix:	Water	**Date Received:**	10/03/25 11:55
Sample Name:	MW03-093025	**Basis:**	NA
Lab Code:	K2509848-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Total Organic (TOC)	SM 5310 B	**9.2**	mg/L	2.0	0.4	4	10/08/25 21:30	

Analytical Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Collected:**	09/30/25 11:51
Sample Matrix:	Water	**Date Received:**	10/03/25 11:55
Sample Name:	MW04-093025	**Basis:**	NA
Lab Code:	K2509848-002		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Total Organic (TOC)	SM 5310 B	**0.3 BJ**	mg/L	1.0	0.2	2	10/08/25 21:30	

Analytical Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Collected:**	09/30/25 10:06
Sample Matrix:	Water	**Date Received:**	10/03/25 11:55
Sample Name:	MW05-093025	**Basis:**	NA
Lab Code:	K2509848-003		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Total Organic (TOC)	SM 5310 B	**0.7 BJ**	mg/L	1.0	0.2	2	10/08/25 21:30	

Analytical Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Collected:**	09/30/25 09:17
Sample Matrix:	Water	**Date Received:**	10/03/25 11:55
Sample Name:	MW13-093025	**Basis:**	NA
Lab Code:	K2509848-004		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Total Organic (TOC)	SM 5310 B	**0.4 BJ**	mg/L	1.0	0.2	2	10/08/25 21:30	

QC Summary Forms

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General Chemistry

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Analytical Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	K2509848-MB		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Total Organic (TOC)	SM 5310 B	**0.43 J**	mg/L	0.50	0.10	1	10/08/25 21:30	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Apex Laboratories	**Service Request:**	K2509848
Project:	A5J1042	**Date Analyzed:**	10/08/25
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Carbon, Total Organic (TOC)

Analysis Method:	SM 5310 B	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	896249

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2509848-LCS	23.3	25.0	93	85-115

Attachment C

Data Validation Memorandum

MAUL
FOSTER
ALONGI

Data Validation Memorandum

Project No. M0239.33.007 | November 19, 2025 | City of Ridgefield

Maul Foster & Alongi, Inc. (MFA), conducted an independent Stage 2A review of the quality of analytical results for groundwater and associated quality control samples collected in September 2025 at the Former Park Laundry Site located at 122 N Main Avenue in Ridgefield, Washington.

Apex Laboratories, LLC (Apex), Air Technology Laboratories, Inc. (ATL), and ALS Group USA, Corp. dba ALS Environmental located in Kelso, Washington (ALS-K), performed the analyses. Apex subcontracted dissolved gases analysis to ATL and total organic carbon analysis to ALS-K, and the reports are appended to the Apex report. MFA reviewed Apex report numbers A5I1736 and A5J1042. The analyses performed and the samples analyzed are listed in the following tables. Not all analyses were performed on all samples.

Analysis	Reference
Alkalinity	SM 2320B
Anions	EPA 300.0
Dissolved gases	EPA RSK 175
Total metals	EPA 6020B
Total organic carbon	SM 5310B
Volatile organic compounds	EPA 8260D, EPA 8260D-SIM

Notes
EPA = U.S. Environmental Protection Agency.
SIM = selected ion monitoring.
SM = Standard Methods for the Examination of Water and Wastewater.

Samples Analyzed			
Report A5I1736			**Report A5J1042**
MW02-092425	MW06-092525	MW07-092525	MW03-093025
MW09-092425	MW20-092525	MW10-092525	MW04-093025
MW09-092425-DUP	MW-46D-092525	MW11-092525	MW05-093025
MW23D-092425	MW-47D-092525	EQUIPMENT BLANK	MW13-093025
MW24D-092425	MW15-092525	TRIP BLANK 2	Trip Blank 3
MW-25D-092425	MW16-092525	--	--
Trip Blank 1	MW-29D-092525	--	--

Data Validation Procedures

Analytical results were evaluated according to applicable sections of U.S. Environmental Protection Agency (EPA) guidelines for data review (EPA 2020a, 2020b) and appropriate laboratory- and method-specific guidelines (ALS-K 2024, Apex 2025, ATL 2023, EPA 1986).

Data validation procedures were modified, as appropriate, to accommodate quality control requirements for methods that EPA data review guidelines do not specifically address (e.g., Standard Methods for the Examination of Water and Wastewater [SM] 2320B).

Based on the data quality assurance/quality control review described herein, the data, with the appropriate final data qualifiers assigned, are considered acceptable for their intended use. Final

data qualifiers represent qualifiers originating from the laboratory and accepted by the reviewer, and data qualifiers assigned by the reviewer during validation.

Final data qualifiers:

- J = result is estimated.
- U = result is non-detect at the method detection limit (MDL) or method reporting limit (MRL).
- UJ = result is non-detect with an estimated MDL.

General Qualifications

All qualifications assigned by the reviewer during validation are listed in the following table.

Sample	Analysis (units)	Analyte	Original Result	Qualified Result	Qualification Reason Code(s)
Report A5I1736					
MW02-092425	EPA 8260D-SIM (ug/L)	1,1-Dichloroethene	0.0100 U	0.0100 UJ	LD
		cis-1,2-Dichloroethene	0.104	0.104 J	LD
		trans-1,2-Dichloroethene	0.0100 U	0.0100 UJ	LD
		Trichloroethene	0.0757	0.0757 J	LD
		Vinyl chloride	0.0100 U	0.0100 UJ	LD
		Tetrachloroethene	1.75	1.75 J	LD
MW07-092525		Tetrachloroethene	0.804	0.804 J	MS
MW04-093025	SM 5310B (mg/L)	Total organic carbon	0.3 J	1.0 U	MB
MW05-093025			0.7 J	1.0 U	MB
MW13-093025			0.4 J	1.0 U	MB

Qualification Reason Codes
LD = laboratory duplicate relative percent difference above acceptance limit.
MB = method blank detection.
MS = matrix spike or matrix spike duplicate recovery outside acceptance limits.

Notes
EPA = U.S. Environmental Protection Agency.
J = result is estimated.
mg/L = milligrams per liter.
SIM = selected ion monitoring.
SM = Standard Methods for the Examination of Water and Wastewater.
U = result is non-detect at the method detection limit or method reporting limit.
ug/L = micrograms per liter.
UJ = result is non-detect with an estimated method detection limit.

Sample Conditions

Sample Custody

Sample custody was appropriately documented on the chain-of-custody (COC) forms accompanying the reports.

Holding Times

Extractions and analyses were performed within the recommended holding times.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

Reporting Limits

Apex evaluated EPA Methods 8260D and 8260D-SIM results to MDLs, and the remaining methods to MRLs. ALS-K evaluated SM 5310B results to MDLs and ATL evaluated EPA RSK 175 results to MRLs. Samples that required dilutions because of high analyte concentrations, matrix interferences, and/or dilutions necessary for preparation and/or analysis were reported with raised MDLs and MRLs.

The laboratories qualified results between the MDL and the MRL with J, as estimated.

Blank Results

Method Blanks

Laboratory method blanks are used to evaluate whether laboratory contamination was introduced during sample preparation and analysis. Laboratory method blank analyses were performed at the required frequencies, in accordance with laboratory- and method-specific requirements.

According to report A5J1042, the SM 5310B laboratory method blank had a total organic carbon detection between the MDL and the MRL, at a concentration of 0.43 milligrams per liter. SM 5310B requires laboratory method blanks to have concentrations of total organic carbon less than one-half the MRL, which the laboratory did not meet in this case. ALS-K noted in the case narrative that insufficient sample volume remained to reanalyze the samples. Where an analyte was detected below the MRL in a sample and detected below or above the MRL in its associated laboratory method blank, the sample MDL was raised to the MRL, and sample results were qualified by the reviewer with U as not detected at the MRL, as shown in the table in the General Qualifications section above (reason code: MB). The MW03-093025 total organic carbon result was greater than ten times the concentration in the associated laboratory method blank and thus did not require qualification.

All remaining laboratory method blank results were non-detect to MDLs or MRLs.

Equipment Rinsate Blanks

Equipment rinsate blanks are used to evaluate the adequacy of the field equipment decontamination process when decontaminated sampling equipment is used to collect samples.

Equipment rinsate blanks are used to evaluate field equipment decontamination. An equipment rinsate blank (EQUIPMENT BLANK) was submitted with sample delivery group (SDG) A5I1736 for EPA Method 8260D analysis. The reviewer confirmed with the field sampler that the equipment rinsate blank was associated with all environmental samples in report A5I1736.

The equipment rinsate blank was non-detect to MDLs for all target analytes.

The equipment rinsate blank was analyzed by EPA Method 8260D, although several associated environmental samples were analyzed by EPA Method 8260D-SIM which has lower MDLs and MRLs. The reviewer was unable to evaluate the EPA Method 8260D-SIM samples for potential contamination from decontaminated sampling equipment at levels below the EPA Method 8260D MDLs. The reviewer alerted the field sampler and MFA project manager to the discrepancy. Qualification by the reviewer was not required.

Trip Blanks

Trip blanks are used to evaluate whether volatile organic compound (VOC) contamination was introduced during shipping and field handling procedures.

Trip blanks were submitted with all SDGs for EPA Method 8260D analysis. Trip blanks are associated environmental samples based on sample dates, as shown in the following table.

Report	Trip Blank	Associated Date
A5I1736	Trip Blank 1	09/24/2025
	TRIP BLANK 2	09/25/2025
A5J1042	Trip Blank 3	09/30/2025

The trip blanks non-detect to MDLs for all target analytes.

The trip blanks were analyzed by EPA Method 8260D, although several associated environmental samples in report A5I1736 were analyzed by EPA Method 8260D-SIM which has lower MDLs and MRLs. The reviewer was unable to evaluate the EPA Method 8260D-SIM samples for potential VOC contamination at levels below the EPA Method 8260D MDLs. The reviewer alerted the field sampler and MFA project manager to the discrepancy. Qualification by the reviewer was not required.

Laboratory Control Sample and Laboratory Control Sample Duplicate Results

Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) results are used to evaluate laboratory precision and accuracy. All LCS and LCSD were prepared and analyzed at the required frequency, in accordance with laboratory- and method-specific requirements.

According to report A5J1042, the EPA Method 6020B batch 25J0256 LCS had a manganese result above the upper percent recovery acceptance limit of 120 percent, at 122 percent. There are no sample results associated with manganese in batch 25J0256; thus, qualification was not required.

All remaining LCS and LCSD results were within acceptance limits for percent recovery and relative percent difference (RPD).

Laboratory Duplicate Results

Laboratory duplicate results are used to evaluate laboratory precision and sample homogeneity. All laboratory duplicate samples were prepared and analyzed at the required frequency, in accordance with laboratory- and method-specific requirements.

Laboratory duplicate results greater than five times the MRL were evaluated using laboratory RPD control limits. A secondary criterion was used when laboratory duplicate results were non-detect or less than five times the MRL. Results meet the secondary criterion if the absolute difference of the laboratory duplicate sample result and the parent sample result, or the MRL for non-detects, is equal to or less than the MRL value of the parent sample.

According to report A5I1736, the EPA Method 8260D-SIM batch 25J0112 laboratory duplicate prepared with sample MW02-092425 had cis-1,2-dichloroethene; tetrachloroethene; and trichloroethene RPD results above the 30 percent criteria, at 63 percent, 52 percent, and 56 percent, respectively. The laboratory duplicate results for cis-1,2-dichloroethene and trichloroethene were within five times the MRL and did not meet secondary criteria. Since there was widespread laboratory duplicate RPD issues in the sample that may indicate a quality control issue, the reviewer

qualified all EPA method 8260D-SIM results for the sample, as shown in the table in the General Qualifications section above (reason code: LD).

All remaining laboratory duplicate results met the acceptance criteria.

Matrix Spike and Matrix Spike Duplicate Results

Matrix spike (MS) and matrix spike duplicate (MSD) results are used to evaluate laboratory precision, accuracy, and the effect of the sample matrix on sample preparation and target analyte recovery. All MS and MSD samples were prepared and analyzed at the required frequency, in accordance with laboratory- and method-specific requirements.

When MS and MSD were prepared from samples with high concentrations of target analytes, associated MS and/or MSD percent recovery and/or RPD control limit exceedances did not require qualification because spike concentrations could not be accurately quantified. High concentrations of target analytes are defined as four times the spike amount for all analyses.

When MS and MSD were prepared with samples from unrelated projects, the MS and/or MSD percent recovery and/or RPD control limit exceedances did not require qualification because these sample matrices were not representative of project sample matrices.

According to report A5I1736, the EPA Method 8260D-SIM batch 25J0112 MS prepared with sample MW07-092525 had 1,1-dichloroethene; cis-1,2-dichloroethene; trans-1,2-dichloroethene; tetrachloroethene; trichloroethene; 1,2,3-trichloropropane; and vinyl chloride results above the respective upper percent recovery acceptance limits, ranging from 126 percent to 188 percent. The tetrachloroethene sample result was slightly higher than four times the spike amount, but the widespread high MS recoveries may indicate a matrix effect, so the reviewer qualified the associated detected sample result with J, as shown in the table in the General Qualifications section above (reason code: MS). The remaining associated sample results were non-detect and thus did not require qualification.

All remaining MS and MSD results were within acceptance limits for percent recovery and RPD.

Surrogate Results

Surrogate results are used to evaluate laboratory performance of target organic compounds for individual samples.

When surrogate results were outside percent recovery acceptance limits because of dilutions necessary to quantify high concentrations of target analytes, qualification by the reviewer was not required because surrogate concentrations could not be accurately quantified.

When batch quality control samples had surrogate percent recovery exceedances, qualification by the reviewer was not required when batch quality control target analyte results were within percent recovery acceptance limits.

All surrogate results were within percent recovery acceptance limits.

Field Duplicate Results

Field duplicate results are used to evaluate field precision and sample homogeneity. The following field duplicate and parent sample pair was submitted for analysis:

Report	Parent Sample	Field Duplicate Sample
A5I1736	MW09-092425	MW09-092425-DUP

MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL or 50 percent RPD for results that are greater than five times the MRL. RPD was not evaluated when both results in the sample pair were non-detect.

All field duplicate results met the RPD acceptance criteria.

Data Package

The data package was reviewed for transcription errors, omissions, and anomalies.

According to the COC form accompanying report A5I1736, samples MW03-092425, MW04-092425, MW05-092425, and MW13-092525 were requested for several analyses but no data were reported. The reviewer confirmed with the field sampler that analyses on these samples were cancelled due to a holding time exceedance of nitrate at sample receipt. The monitoring wells were resampled and resubmitted in SDG A5J042 as samples MW03-093025, MW04-093025, MW05-093025, and MW13-093025.

According to the COC form accompanying report A5I1736, samples MW09-092425 and MW09-092425-DUP were not marked for any analyses. The reviewer confirmed that EPA Method 8260D analysis for chlorinated VOCs was requested after sample receipt.

According to the COC form accompanying report A5J042, total metals were circled but no analyses were requested. The reviewer confirmed with the field sampler that total calcium, total iron, total magnesium, and total manganese analyses were requested via email after sample receipt. Additionally, ferrous iron analysis was indicated on the COC form but no data were reported. The reviewer confirmed that ferrous iron was analyzed in the field using a field kit and no additional analyses were necessary.

Report A5H1042 was revised on November 19, 2025, to remove EPA RSK 175 carbon dioxide results that were not requested on the COC form, and to expand the SM 5310B case narrative to address the method blank detection.

No other issues were found.

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