Amrize Cement Inc.

Reserve Silica Reclamation Site

First Quarter 2026 – Quarterly Groundwater and Surface Water Monitoring Report

October 19, 2026

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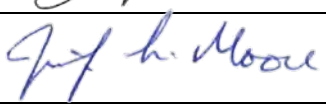
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Abbreviations and acronyms

Abbreviations and acronyms

Abbreviation	Description
Amrize	Amrize Cement Inc.
CKD	Cement Kiln Dust
CUL	Cleanup Level
DO	Dissolved Oxygen
DSP	Dale Strip Pit
FS	Feasibility Study
L	Liter
LDA	Lower Disposal Area
mL	Milliliter
MW	Monitoring Well
NAVD88	North American Vertical Datum of 1988
ORP	Oxidation-Reduction Potential
pH	Potential of Hydrogen
QAPP	Quality Assurance Project Plan
QC	Quality Control
RI	Remedial Investigation
RI/FS	Remedial Investigation / Feasibility Study
SAP	Sampling and Analysis Plan
SM	Standard Methods
TDS	Total Dissolved Solids
USEPA	United States Environmental Protection Agency
WSP	WSP USA Inc.
YSI	Yellow Springs Instruments (manufacturer of the ProDSS multimeter)

1. Introduction

This *Quarterly Groundwater and Surface Water Monitoring Report – First Quarter 2026, Reserve Silica Reclamation Site, Ravensdale, Washington* dated October 19, 2026 (Report), prepared by WSP USA Inc. (WSP) for Amrize Cement Inc. (Amrize), presents the results of groundwater and surface water monitoring conducted at the Reserve Silica Reclamation Site (Site) during the first quarter of 2026. The Site is located at 26000 Black Diamond Ravensdale Road in Ravensdale, Washington (Figure 1).

1.1 Purpose and Regulatory Framework

The purpose of the quarterly monitoring activities is to assess groundwater and surface water conditions with respect to potential impact from the cement kiln dust (CKD) placed in the Lower Disposal Area (LDA) (Figure 2). Groundwater and surface water monitoring for the first quarter of 2026 were performed in March 2026 and in accordance with the 2026 Post Closure Care and Maintenance permit SW-PR-500118 issued by Public Health – Seattle and King County (Public Health) and the monitoring program outlined in the *Remedial Investigation/ Feasibility Study Work Plan, Reserve Silica Reclamation Site, Ravensdale, Washington* dated July 22, 2021 (RI/FS Work Plan) and supporting Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) (Golder 2021). Historical groundwater and surface water monitoring activities at the Site were conducted under the requirements of previous Post-Closure Care and Maintenance Permits issued by Public Health.

Cleanup of impacted media for the Site is being conducted under Agreed Order No. DE 16052 and in accordance with the Model Toxics Control Act Cleanup Regulations (Washington Administrative Code 173-340).

1.2 Scope of Work

The RI/FS Work Plan (Golder 2021) defines the scope of work for quarterly monitoring and sampling at the site, which comprised:

- Gauging depth to groundwater in monitoring wells.
- Collecting groundwater samples from the LDA (Figure 2) including:
  - MW-1A, MW-2A, MW-5A, and MW-6A located around the Infiltration Ponds;
  - MW-3A located west of the high-pH seepage area;
  - MW-4A located south and upgradient with respect to groundwater flow and surface water drainage of the high-pH seepage area;
  - MW-7A and MW-8A located west and southwest of the Infiltration Ponds;

- MW-9A and MW-10A located west of the high-pH seepage area and the South Pond, near the western property boundary;
- Still Well located within the high-pH seepage zone west of the LDA;
- MWB-1LDA located near the northern tip of the LDA;
- MWB-2LDA located near the center of the LDA; and
- MWB-3LDA located near the southern end of the LDA.

- Collecting surface water samples west of the LDA including:
  - The South Pond located west of the high-pH seepage area.
  - The Weir located north of the access road, immediately below the discharge point from the wetlands. If no flow is observed at the Weir, the constructed wetlands upstream are the alternative sampling location.
  - The Infiltration Ponds located at the north end of the Site near Ravensdale-Black Diamond Road, which receives treated water from the on-site seepage treatment system. The surface water sample is collected from the southwest area of the Infiltration Ponds.
- Collecting groundwater samples from the DSP including:
  - Bedrock monitoring wells MWB-1SDSP, MWB-1DDSP, MWB-2DSP, MWB-4DSP, MWB-5DSP, and MWB-6DSP located within the DSP. Samples from MWB-2DSP are monitored for field parameters only and no groundwater samples are sent to the laboratory for analysis.;
  - Mine Portal located north of the LDA on the east side of the main haul road.
- Collecting samples from the LDA Interceptor Trench located at the southern end of the LDA.
- Collecting samples from the seepage treatment system.
- Laboratory analysis of samples for associated constituents of concern.
- Comparison of analytical results to the cleanup level (CUL) stated in the RI.

Monitoring well construction details are provided in Table 1.

2. Methodology

The following section summarizes the activities associated with the first quarter of 2026 monitoring event. Sampling Integrity Data Sheets are provided in Appendix A.

2.1 Groundwater and Surface Water Sampling

Groundwater elevations were measured in the shallow monitoring wells at the Site during the period of March 24, 26, 27, and 31, 2026 prior to purging and sampling, and are summarized in Table 1.

Groundwater monitoring wells were purged at a rate between approximately 200 and 300 milliliters (mL) per minute using a dedicated bladder pump or dedicated tubing connected to a peristaltic pump (if groundwater elevation allowed). Samples were collected directly from the dedicated sample tubing.

Field parameters, including pH, conductivity, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity in monitoring wells were measured and recorded during purging at approximately five-minute intervals. Measurements were continued until field parameters stabilized for three consecutive readings in accordance with the criteria specified in the RI/FS Work Plan (i.e., pH within ±0.1 standard units, conductivity within ±3%, temperature within ±3%, DO within ±10%, ORP within ±10 millivolts, and turbidity within ±10%). Field parameters from surface water locations were measured and recorded at the time of grab sample collection. Field parameters were measured using the following equipment:

- YSI ProDSS multimeter with pH, ORP, conductivity, DO, and temperature probes.
- Hach 2100Q Turbidimeter.

Groundwater and surface water samples were collected directly into laboratory-provided containers. The samples were then labeled and placed in a cooler with ice and transported to the laboratory within appropriate sample hold times under standard chain-of-custody protocols. Sampling protocol requires that the preserved samples for dissolved metals analysis have a pH of less than 2. To meet this requirement, the pH of samples collected for metals analysis was checked at the time of sample receipt at the laboratory, and additional nitric acid was added until the pH was less than 2, if necessary. Groundwater and surface water samples were analyzed for the parameters listed in Section 2.34, Laboratory Analysis.

Groundwater and surface water field parameters and analytical data are presented in Tables 2a through 2k for LDA shallow groundwater monitoring wells, Tables 3a through 3c for LDA bedrock groundwater monitoring wells, Tables 4a through 4c for LDA surface water, and Tables 5a through 5g for DSP groundwater monitoring wells. Monitoring wells and surface water sampling locations are shown in Figure 2.

2.1.1 LDA Shallow Groundwater Sampling

WSP sampled groundwater from shallow groundwater monitoring wells outside of the LDA (MW-1A through MW-10A) during the period of March 24, 26, 27, and 31, 2026. Still well was not sampled because it is an artesian well and was completely dry during this sampling event.

- Field duplicate samples were collected from monitoring well MW-2A (labeled as MW-45A) and MW-8A (labeled as MW-99) for quality control purposes.

2.1.2 LDA Bedrock Groundwater Sampling

WSP sampled groundwater from bedrock groundwater monitoring wells west of the LDA (MWB-1LDA through MWB-3LDA) on March 26, 2026.

2.1.3 LDA Surface Water Sampling

WSP sampled the Weir and South Pond surface water monitoring locations on March 24 and 27, 2026, respectively. WSP sampled the Infiltration Ponds on March 27, 2026.

- A field duplicate sample was collected from Infiltration Ponds (labeled as MW-35A) for quality control purposes.

2.1.4 DSP Groundwater Sampling

WSP sampled groundwater from DSP bedrock monitoring wells (MWB-1SDSP, MWB-1DDSP, MWB-5DSP, and MWB-6DSP), and the Mine Portal during the period of March 26 and 31, 2026. Only the field parameters were collected from monitoring well MWB-2DSP during this event. Monitoring well MWB-4DSP could not be accessed and no groundwater sample was collected.

- A field duplicate sample was collected from monitoring well MWB-6DSP (labeled as MW-55A) for quality control purposes.

2.2 LDA Interceptor Trench Sampling

WSP sampled groundwater from the Interceptor Trench outfall on March 26, 2026. Grab groundwater samples were collected from the Interceptor Trench by placing the sample bottles below the surface of the flowing water. Interceptor Trench field parameters and analytical data are presented in Table 6.

2.3 Seepage Treatment System

Grab samples were collected from the seepage treatment system on March 27, 2026 in three locations: before the pH treatment tank (influent), pre-iron-based adsorption media (pH tank effluent/filter media influent), and post-iron-based adsorption media (filter media effluent). The samples were collected during a period that the seepage treatment system was not operating as intended from March 27 to 31, 2026.

The system was unable to sparge carbon dioxide due to carbon dioxide freezing within the tank, which appears to have resulted from a refilling error.

2.4 Laboratory Analysis

Groundwater, surface water, and seepage treatment samples were analyzed by Analytical Resources, LLC of Tukwila, Washington for the following constituents of concern:

- Groundwater and surface water samples were analyzed for the following parameters using the methods indicated:
  - Antimony, arsenic, lead, and vanadium by EPA Method 200.8 – collected into a 500-mL bottle preserved with nitric acid; and
  - Total Dissolved Solids (TDS) using SM 2540 C – collected into an unpreserved 1-Liter (L) bottle.
- Interceptor Trench samples are analyzed for the following parameters using the method indicated:
  - TDS using SM 2540 C – collected into an unpreserved 1-L bottle.
- Seepage treatment system samples were analyzed for the following parameters using the methods indicated:
  - Antimony, arsenic, lead, and vanadium using EPA Method 200.8 – collected into a 500-mL bottle preserved with nitric acid.

2.5 Investigation Derived Waste Management

Groundwater purged prior to sample collection was collected and processed through the seepage treatment system prior to discharge to the Infiltration Ponds.

3. Monitoring Results

3.1 Groundwater Elevations

Groundwater elevations and contours for the LDA are shown in Figures 3 and 4. Groundwater elevations (Table 1) range between 591.16 feet and 701.85 feet NAVD88 in the LDA shallow groundwater monitoring wells (Figure 3) and between 683.44 feet and 743.94 feet NAVD88 in the LDA bedrock groundwater monitoring wells (Figure 4). Groundwater flow is generally to the north-northwesterly direction in the LDA area in both the shallow and bedrock wells.

Groundwater ranges between 746.63 feet and 919.69 feet NAVD88 in the DSP bedrock groundwater monitoring wells (Table 1).

3.2 Groundwater and Surface Water Monitoring Results

The following concentrations were reported outside the associated CULs:

- LDA groundwater monitoring wells MW-3A and MW-4A:
  - pH was measured below the CUL range of 6.5 to 8.5.
- LDA surface water samples from South Pond and Infiltration Ponds:
  - pH was measured above the CUL range of 6.5 to 8.5 while arsenic and lead were above the CUL.
  - Antimony at the Infiltration Ponds was above the CUL.
- DSP bedrock monitoring well MWB-1SDSP and Mine Portal arsenic were above the CUL.

Current and historical analytical results for groundwater and surface water monitoring are presented in Tables 2a through 2k for LDA shallow groundwater monitoring wells, Tables 3a through 3c for LDA bedrock groundwater monitoring wells, Tables 4a through 4c for LDA surface water, and Tables 5a through 5g for DSP groundwater monitoring wells. Current groundwater monitoring results are illustrated in Figures 3 through 5, while surface water monitoring results are shown in Figure 6. Trend charts for pH, and antimony or arsenic in monitoring wells MW-3A, MW-4A, MW-5A, MW-6A, and MW-10A are provided in Appendix C.

3.3 Interceptor Trench Discharge Monitoring Results

Geochemical results for Interceptor Trench groundwater showed pH within the CUL range adopted for the groundwater monitoring wells in the RI (WSP 2025).

Current and historical geochemical results from the Interceptor Trench are summarized in Table 6.

3.4 Seepage Treatment System Monitoring Results

As the seepage treatment system was not operating under normal condition when the samples were collected, the high-pH seepage was not treated as intended. Reduction in metal concentrations were observed except for dissolved arsenic and dissolved vanadium.

Seepage Treatment System analytical results are summarized in Table 7. The laboratory analytical report is provided in Appendix B.

3.5 Data Quality Assurance

A data quality assurance program was implemented as part of the first quarter 2026 monitoring event. Field duplicate quality control samples were collected from:

- LDA groundwater monitoring well MW-2A (labeled as MW-45A);
- Infiltration Ponds (labeled as MW-35A); and
- DSP bedrock monitoring well MWB-6DSP (labeled as MW-55A).

Data validation was conducted in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (EPA 2020), the SAP, and the QAPP associated with the RI/FS Work Plan (Golder 2021). Data reporting qualifiers are included with the analytical results in Appendix B. The data validation review conducted by a WSP chemist found that all the data was considered valid and usable. The data validation and raw analytical data packages provided by the laboratory are provided in Appendix B.

4. Findings and Conclusions

Groundwater metals concentrations from the monitoring wells around the Infiltration Ponds (MW-1A, MW-2A, MW-5A, and MW-6A) have continued to be below CULs since at least the second quarter of 2025. Arsenic and antimony concentrations have declined or stabilized in the last five years in LDA monitoring wells MW-3A, MW-4A, MW-5A, MW-6A, and MW-10A. This trend is due to the effectiveness of the seepage treatment system.

Discharge from the Interceptor Trench has recorded pH within the CUL range since first quarter 2025, suggesting that the trench is not collecting high-pH groundwater.

5. Limitations Statement

WSP prepared this report for the exclusive use of Amrize and their authorized agents. It may also be submitted to regulatory agencies.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood. This report was prepared, in part, based on previous investigations and data collected by others. WSP USA Inc. is not responsible for any data that was inaccurately reported by others and reproduced here.

References

Golder. 2021. Remedial Investigation/Feasibility Study Work Plan, Reserve Silica Reclamation Site, Ravensdale, Washington. July 22.

United States Environmental Protection Agency (EPA). 2020. National Functional Guidelines for Inorganic Superfund Data Review. Office of Superfund Remediation and Technology Innovation. OLEM 9240.1-66, EPA 542-R-20-006. November.

WSP. 2025. Remedial Investigation Report, Reserve Silica Reclamation Site, Ravensdale, Washington. June 30.

Tables

Table 1: Groundwater Elevations and Well Construction Details

Sample Area	Sample Location ID	Date Measured	Well Construction Details				Water Levels		
			Total Well Depth (feet bgs)	Screened Interval (feet bgs)	Bentonite Seal (feet bgs)	Casing Diameter (inches)	TOC Elevation (feet NAVD88)	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)
LDA - Shallow Groundwater	MW-1A	24-Mar-26	44	28-43	2-26	2	613.44	20.24	593.20
	MW-2A	24-Mar-26	40	24-40	2-23	2	607.21	14.07	593.14
	MW-3A	24-Mar-26	20	4-20	2-4	2	689.11	4.93	684.18
	MW-4A	26-Mar-26	20	5-20	2-4	2	705.45	3.60	701.85
	MW-5A	24-Mar-26	40	25-40	2-23	2	611.23	18.09	593.14
	MW-6A	24-Mar-26	39	24-39	2-22	2	608.95	15.80	593.15
	MW-7A	27-Mar-26	20	10-20	2-7	2	592.69	0.55	592.14
	MW-8A	31-Mar-26	26	16-26	2-13	2	601.49	10.33	591.16
	MW-9A	26-Mar-26	13	8-13	2-5	2	697.29	2.92	694.37
	MW-10A	27-Mar-26	29	9-29	2-6	2	698.02	5.60	692.42
LDA - Bedrock Groundwater	MWB-1LDA	26-Mar-26	135	115-135	2-105	2	704.68	21.24	683.44
	MWB-2LDA	26-Mar-26	125	110-125	2-103	2	741.66	33.92	707.74
	MWB-3LDA	26-Mar-26	145	125-145	2-115	2	744.19	0.25	743.94
DSP - Bedrock Groundwater	MWB-1SDSP	26-Mar-26	160	150-160	138-148	2	936.29	16.60	919.69
	MWB-1DDSP	26-Mar-26	265	255-265	243-253	2	935.37	45.49	889.88
	MWB-2DSP	31-Mar-26	258	238-258	-	2	934.82	188.19	746.63
	MWB-4DSP[a]	26-Mar-26	43	32-42.8	-	2	932.41	-	-
	MWB-5DSP	26-Mar-26	83	73-83	2-61	2	919.67	15.38	904.29
	MWB-6DSP	26-Mar-26	195	120-195	2-108	2	893.85	16.60	877.25

Notes:

-	Not measured or not available
a	Monitoring well MWB-4DSP could not be safely accessed due to a wasp nest.
feet bgs	Feet below ground surface
feet btoc	Feet below top of casing
feet NAVD88	Feet in NAVD88 datum
TOC	Top of casing

Table 2a: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-1A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	35.43	578.01	15.17	883	-	-	358	7.03	664	-	8.47	2 U	-	-
9-Nov-05	31.83	581.61	10.77	1037	-	-	22.2	6.89	680	-	3.45	1 U	-	-
15-Feb-06	23.91	589.53	9.14	623	1.53	497.4	6.76	7.26	470 J	-	3.25	1 U	-	-
17-May-06	31.91	581.53	11.32	1029	1.33	121.6	10.3	7.18	600	-	5.18	1 U	-	-
23-Aug-06	35.35	578.09	19.21	481	5.97	60.4	6.3	6.67	340	-	1.7	1 U	-	-
14-Nov-06	20.00	593.44	10.35	635	4.55	95.1	22.2	7.23	550	-	3.07	1 U	-	-
14-Feb-07	29.29	584.15	11.13	435	3.88	85.6	32.1	6.76	260	-	2	1 U	-	-
30-May-07	32.90	580.54	10.30	545	6.63	145.7	6.93	6.81	320	-	2.48	1 U	-	-
27-Aug-07	35.68	577.76	10.49	428	7.13	76.7	8.65	6.95	260 J	-	1.87	1 U	-	-
29-Nov-07	32.75	580.69	10.10	625	7.14	144.3	12.2	6.96	340 J	-	2.32	1 U	-	-
27-Feb-08	27.83	585.61	-	-	-	-	19.6	-	320	-	2.58	1 U	-	-
20-May-08	31.86	581.58	10.22	471	6.38	177.0	109	6.48	290 J	-	2.24	1 U	-	-
27-Aug-08	36.04	577.40	9.84	427	7.40	118.4	63.6	7.08	260	-	2.05	1 U	23000	-
26-Sep-08	*Test Trench Drain Line Installed*													
16-Oct-08	35.65	577.79	9.51	443	9.78	113.9	38	7.38	260 J	-	1.79	1 U	22900	-
20-Nov-08	25.62	587.82	9.49	563	6.11	231.0	5.48	7.18	430	-	3.68	1 U	106000	-
30-Dec-08	23.14	590.30	9.84	402	8.40	106.9	8.92	7.25	280 J	-	2.47	1 U	43900	-
15-Jan-09	20.66	592.78	8.40	336	9.65	229.6	1.07	6.88	290	-	2.25	1 U	35700	-
12-Feb-09	30.00	583.44	9.05	372	8.46	-	16.7	7.34	320	-	1.93	1 U	27000	-
12-Mar-09	31.30	582.14	9.13	409	8.60	174.9	15.8	7.03	340	-	1.66	1 U	20600	-
16-Apr-09	23.88	589.56	8.17	343	10.24	131.8	13.5	6.78	310	-	1.77	1 U	24600	-
19-May-09	30.50	582.94	8.99	392	8.69	82.6	23.7	7.75	340 J	-	1.56	1 U	19600	-
23-Jun-09	34.00	579.44	9.21	480	9.56	79.0	22.9	7.89	430	-	2 U	2 U	20000	-
23-Sep-09	37.12	576.32	11.30	336	6.90	368.3	21.3	6.73	240	-	2 U	0.18 J	14000	-
15-Dec-09	28.30	585.14	9.20	643	5.30	567.0	18	6.72	330	-	2 U	2 U	26000	-
24-Mar-10	30.03	583.41	9.80	562	5.72	545.9	5.04	6.74	370	-	1.9 J	2 U	19000	-
16-Jun-10	23.55	589.89	9.20	506	5.93	405.4	16.1	6.53	40 U	-	3.6	2 U	20000	-
21-Sep-10	35.89	577.55	10.40	593	4.82	288.5	117	6.96	370	-	2.6	0.23 J	19000	-
7-Dec-10	27.39	586.05	10.00	504	1.45	198.4	139	7.15	330	-	2.3	2 U	14000	-
29-Mar-11	29.76	583.68	8.10	247	2.47	169.0	6.81	7.14	300	-	2.4	2 U	15000	-
21-Jun-11	30.45	582.99	9.30	606	4.58	332.9	3.56	7.17	400 J	-	5 U	2 U	16000	-
27-Sep-11	36.65	576.79	9.90	366	7.27	356.2	2.18	6.85	310	-	5 U	2 U	17000	-
14-Dec-11	31.53	581.91	9.20	407	1.97	234.7	20.4	7.09	370	-	5 U	2 U	16000	-
20-Mar-12	21.60	591.84	7.70	561	7.06	385.4	4.8	7.18	280	-	2.3	0.4 U	16000	-
19-Jun-12	21.60	591.84	10.00	575	7.04	378.2	5.6	7.31	330	-	2.5	0.4 U	16000	-
19-Sep-12	36.42	577.02	11.30	561	8.76	286.0	2.49	7.02	310	-	2.4	0.4 U	17000	-
19-Dec-12	23.43	590.01	9.30	671	6.67	348.2	0.74	7.26	20 U	-	1.7	0.4 U	17000	-
25-Feb-13	29.32	584.12	8.00	572	9.51	337.0	26	7.28	300	-	2.5	0.4 U	16000	-
22-May-13	31.23	582.21	9.00	518	8.59	397.7	4.68	7.40	310	-	1.8	0.4 U	15000	-
21-Aug-13	37.02	576.42	10.20	534	9.27	152.7	1.46	7.11	227	-	1.2	0.1 U	14100	-
20-Nov-13	29.69	583.75	9.50	852	7.62	243.5	39.5	6.75	419	-	1.6	0.1 U	19900	-
1-Apr-14	23.29	590.15	8.90	347	7.60	248.1	2.54	7.30	247	-	2	0.1 U	16500	-
21-May-14	28.31	585.13	9.50	349	4.02	178.6	-	7.12	280	-	1.8	0.1 U	15100	-
13-Aug-14	36.52	576.92	12.10	441	9.22	51.9	6.2	7.10	283	-	1.4	0.1 U	15200	-
13-Nov-14	31.63	581.81	11.50	438	8.80	173.0	14.7	7.10	352	-	1.6	0.1 U	17100	-
11-Feb-15	23.02	590.42	9.40	498	3.89	98.1	10.5	7.72	319	-	9.1	0.3	42900	-
4-May-15	31.93	581.51	9.80	578	7.35	416.9	1.05	7.26	413	-	1.7	0.1 U	16000	-
6-Aug-15	37.65	575.79	10.70	447	0.17	71.6	49	7.21	343	-	3.9	0.1 U	10300	-
4-Nov-15	32.89	580.55	9.50	657	8.56	240.5	5.7	6.92	554	-	2.3	0.1 U	49300	-
10-Feb-16	25.39	588.05	9.80	322	7.36	204.8	3.21	7.31	202	-	2	0.1 U	22200	-
2-May-16	32.32	581.12	10.80	579	5.95	250.2	4.7	7.02	350	-	1.8	0.04 J-	17800	-
23-Aug-16	37.66	575.78	11.00	488	1.34	459.9	259	7.08	413	-	3.88	0.07 J	14600	-
2-Nov-16	31.30	582.14	9.70	280	3.94	225.0	6.13	7.18	531	-	2.13	0.12	37700	-
1-Feb-17	29.01	584.43	8.60	510	5.26	187.7	0.97	7.04	270	-	1.47	0.1 U	19000	-
30-May-17	28.47	584.97	9.50	483	6.89	4.7	4.85	6.96	290	-	2.09	0.1 U	15700	-
17-Aug-17	36.30	577.14	10.50	536	3.79	82.5	6.44	6.96	283	-	1.55	0.1 U	15500	-
9-Nov-17	32.20	581.24	9.20	460	5.89	75.1	2.7	7.01	380	-	1.63	0.1 U	16300	-
27-Feb-18	25.18	588.26	8.90	215	7.35	121.6	6.04	6.31	186	-	1.72	0.1 U	15500	-

Table 2a: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-1A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-May-18	26.98	586.46	9.50	391	7.82	-	3.06	6.94	214	-	1.65	0.1 UJ	14100	-
21-Aug-18	37.29	576.15	10.02	266	7.37	75.6	129	6.84	215	-	1.51	0.1 U	13300	-
6-Nov-18	34.18	579.26	9.60	340	9.13	215.4	1	6.93	327	-	1.67	0.1 U	16600	-
11-Mar-19	27.75	585.69	8.90	323	5.65	185.3	4.29	6.94	269	-	1.36	0.1 U	14400	-
8-May-19	30.05	583.39	9.80	448	7.77	97.6	1.11	6.87	320	-	1.25	0.1 U	15100	-
26-Aug-19	37.02	576.42	9.83	329	1.16	Note 1	7.97	7.11	258	-	0.904	0.1 U	10700	-
13-Nov-19	35.13	578.31	9.20	376	5.50	144.0	8.26	6.87	320	-	1.23	0.1 U	15800	-
12-Feb-20	20.38	593.06	9.00	381	2.58	191.6	1.33	7.15	268	-	1.25	0.1 U	26600	-
12-Aug-20	36.61	576.83	9.50	285	5.01	198.7	0.8	6.96	214	-	1.14	0.1 U	14100	-
9-Dec-20	32.05	581.39	9.10	425	7.17	211.0	1.57	6.86	347	-	1.11	0.1 U	17100	-
3-Mar-21	27.01	586.43	8.60	383	5.71	248.0	0.6	6.83	299	-	1.16	0.1 U	17400	-
9-Jun-21	35.32	578.12	9.20	422	8.47	151.0	2.22	6.68	310	-	1.39	0.1 U	16300	-
12-Oct-21	33.84	579.60	9.30	329	9.07	160.8	1.55	6.34	236 J-	0.846	1.13	0.1 U	12500	0.801
5-Jan-22	25.20	588.24	9.20	344	7.96	170.2	0.67	6.54	255	1.06	1.02	0.1 U	18100	0.782
16-Mar-22	23.67	589.77	9.30	386	7.79	155.0	0.96	5.60	350	1.58	1.33	0.1 U	36800	0.887
23-Jun-22	27.91	585.53	9.80	356	7.21	152.8	2.55	6.93	281	1.08	1.04	0.1 U	16500	0.86
23-Sep-22	37.05	576.39	13.2	312.5	6.93	128.4	2.84	6.91	222	0.83	1.2	0.137	14100	0.786
13-Dec-22	32.35	581.09	9.4	394.6	8.79	99.3	0.31	6.77	234	0.955	1.13	0.1 U	14500	0.791
13-Mar-23	29.36	584.08	8	584.2	9.22	90.2	0.29	6.85	298	0.86	1.27	0.053 J	14000	0.935
28-Jun-23	34.78	578.66	9.4	527	9.69	277.4	0.85	6.68	363	0.87	1.18	0.1 U	16600	0.862
5-Sep-23	37.62	575.82	9.5	586.1	5.14	77.6	3.75	6.97	360 J-	0.41	3.82	0.586	13300	2.23
12-Dec-23	22.16	591.28	9.2	806	7.53	120.7	1.27	6.7	424	1.71	1.39	0.103 U	43400	0.986
4-Mar-24	26.79	586.65	8.4	437.2	8.26	194.8	0.42	6.56	274 J	0.83	1.02	0.103 U	13400	0.614
18-Jun-24	32.56	580.88	8.8	700	12.5	119.2	0.39	6.64	335	0.87	1.14	0.103 U	13900	0.684
16-Sep-24	36.11	577.33	9.5	366.8	9.72	174.4	0.64	6.51	205	0.668	0.996	0.103 U	10700	0.585 J
11-Dec-24	31.08	582.36	9	491.7	8.26	122.5	0.78	6.65	285	0.726	1.09	0.0680 U	12300	0.583
26-Mar-25	25	588.44	70.2	675.8	9.71	130.9	2.35	6.7	387	1.1	1.04	0.2 U	23500	0.634
11-Jun-25	34.45	578.99	9.7	695	8.28	114.3	0.75	6.71	374	0.775 J	1.16	0.5 U	14800	0.805 J
17-Sep-25	38.62	574.82	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-25	19.13	594.31	8.9	645.0	8.95	222.0	4.39	6.64	317	1.12	1.04	0.100 U	20300	0.839
24-Mar-26	20.24	593.2	8.2	499.3	9.41	151.3	1.05	6.7	323 B	1.13	1.19	0.100 U	14000	0.980 J

Notes:
Top of casing elevation (feet NAVD88): 613.44

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2b: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-2A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	29.18	578.03	13.78	853	-	-	28.3	7.7	606	-	2 U	2 U	-	-
9-Nov-05	25.64	581.57	10.95	860	-	-	3.82	7.43	550	-	1.31	1 U	-	-
15-Feb-06	17.64	589.57	7.81	709	0.82	467.7	3.96	7.86	520 J	-	1.06	1 U	-	-
17-May-06	25.76	581.45	9.67	810	2.17	246.1	3.01	7.06	490	-	1.13	1 U	-	-
23-Aug-06	29.13	578.08	12.86	759	2.6	12	9.82	7.4	570	-	1.54	1 U	-	-
14-Nov-06	13.74	593.47	10.44	649	3.72	63.6	9.78	7.72	460	-	1.36	1 U	-	-
14-Feb-07	22.09	585.12	10.77	648	1.69	11.5	52.4	7.51	380	-	1.07	1 U	-	-
30-May-07	26.72	580.49	11.46	732	2.05	72.2	12.8	7.44	480	-	1.17	1 U	-	-
27-Aug-07	29.45	577.76	10.8	829	7.41	62.8	117	7.58	590 J	-	1.09	1 U	-	-
29-Nov-07	26.57	580.64	10.74	899	2	81.1	392	6.05	490	-	1.03	1 U	-	-
27-Feb-08	21.45	585.76	-	-	-	-	446	-	400	-	1.09	1 U	-	-
20-May-08	25.73	581.48	9.48	706	3.07	110.2	419	7.26	420 J	-	1.21	1 U	-	-
27-Aug-08	29.84	577.37	9.87	824	4.74	91.5	571	7.43	550 J	-	1.3	1 U	65100	-
26-Sep-08	*Test Trench Drain Line Installed*													
16-Oct-08	29.13	578.08	9.76	820	4.56	53.6	227	7.33	520 J	-	1.3	1 U	76300	-
20-Nov-08	19.48	587.73	9.31	462	5.24	240.1	6.16	7.35	360	-	1.76	1 U	67000	-
30-Dec-08	16.93	590.28	9.85	480	6.18	66.8	56.1	7.35	390 J	-	1.55	1 U	61500	-
15-Jan-09	14.46	592.75	7.71	402	7.47	177.8	1.61	7.61	360	-	1.57	1 U	58500	-
12-Feb-09	23.84	583.37	9.63	-	8.72	-	74.9	7.54	390	-	1.3	1 U	48100	-
12-Mar-09	25.15	582.06	9.11	454	7.22	163.7	573	7.19	400	-	1.17	1 U	43100	-
16-Apr-09	17.72	589.49	8.4	417	8.27	126.4	128	7.26	400	-	1.4	1 U	48800	-
19-May-09	24.38	582.83	8.8	448	6.88	72	178	7.95	410 J	-	1.1	1 U	44000	-
23-Jun-09	27.85	579.36	8.95	507	7.76	61.9	256	8.07	490	-	2 U	2 U	39000	-
23-Sep-09	30.84	576.37	11.2	661	5.41	374.7	15	7.28	500	-	2 U	2 U	51000	-
15-Dec-09	22.10	585.11	9.5	720	5.1	579	39	6.92	380	-	2 U	2 U	42000	-
24-Mar-10	23.82	583.39	10	602	4.1	535.3	43.3	6.93	370	-	1.7 J	2 U	39000	-
17-Jun-10	17.45	589.76	9.3	547	4.06	-	157	6.57	350	-	3.9	2 U	39000	-
22-Sep-10	29.66	577.55	10.2	722	5.77	360.2	7.2	7.22	450	-	3.3	2 U	55000	-
8-Dec-10	22.10	585.11	9.9	566	6.69	-	64.6	7.09	350	-	2 U	2 U	35000	-
29-Mar-11	19.94	587.27	8.4	251.3	6.95	620	28	7.13	250 J	-	1.4 J	2 U	30000	-
21-Jun-11	24.25	582.96	9.9	628	5.23	344.3	37	7.29	410 J	-	5 U	2 U	28000	-
28-Sep-11	30.41	576.8	9.5	57.5	6.54	481.7	13.8	7.24	500	-	5 U	2 U	54000	-
14-Dec-11	25.35	581.86	9.3	441	3.86	346.5	386	7.26	440	-	5 U	2 U	29000	-
20-Mar-12	15.45	591.76	7.7	580	1.53	382	32.3	7.4	280	-	2.2	0.4 U	26000	-
19-Jun-12	23.88	583.33	9	590	1.85	388.1	55.7	7.74	320	-	2.5	0.4 U	23000	-
19-Sep-12	30.18	577.03	11.1	695	7.03	297	9.31	7.41	420	-	2.7	0.4 U	42000	-
19-Dec-12	17.24	589.97	9.4	704	6.33	317	55.2	7.4	310	-	1.7	0.4 U	25000	-
25-Feb-13	23.12	584.09	9.1	585	6.04	339	110	7.46	370	-	2.5	0.4 U	24000	-
22-May-13	25.05	582.16	8.6	537	8.41	391.5	12.3	7.51	310	-	1.9	0.4 U	22000	-
21-Aug-13	30.75	576.46	10.6	684	8.42	150.2	5.85	7.74	419	-	1.5	0.2	27700	-
20-Nov-13	23.51	583.7	9.6	513	6.19	230.4	32.1	6.81	364	-	1.3	0.1 U	27500	-
1-Apr-14	17.11	590.1	8.5	386	7.32	243.1	14.6	7.46	294	-	1.4	0.1 U	31700	-
21-May-14	22.07	585.14	9.1	365	6.02	212.7	-	6.93	273	-	1.3	0.1 U	24700	-
12-Aug-14	31.32	575.89	13.16	552	6.56	76.7	6.8	7.36	394	-	1.5	0.1 U	25300	-
13-Nov-14	25.48	581.73	12.3	459.5	7.22	189.8	7.2	7.19	367	-	1.4	0.1 U	25500	-
11-Feb-15	16.83	590.38	9.3	447	6.76	134.4	36.6	7.52	286	-	1.7	0.1 U	30400	-
4-May-15	25.78	581.43	10.2	619	6.27	407.1	7.7	7.36	382	-	1.4	0.1 U	25200	-
6-Aug-15	31.87	575.34	11.3	500	9.18	207.1	28.1	7.23	394	-	1.5	0.1 U	22000	-
4-Nov-15	26.74	580.47	9.9	481	8.76	222.6	16.8	6.88	381	-	1.1	0.1 U	21800	-
10-Feb-16	19.19	588.02	9	376	7.35	206	40.2	7.68	261	-	3.6	0.1 U	37100	-
2-May-16	26.14	581.07	11.3	552	3.19	194.5	87.8	7.35	344	-	2.1	0.01 J-	31200	-
23-Aug-16	31.64	575.57	10.5	545	7.62	486.5	10.8	7.18	412	-	1.54	0.1 U	32600	-
2-Nov-16	25.12	582.09	10.2	220	4.01	238.9	245	7.19	431	-	1.4	0.1 U	30600	-
1-Feb-17	22.84	584.37	9.1	580	5.06	186.3	13.6	7.35	317	-	3.17	0.1 U	51100	-
30-May-17	22.31	584.9	9.4	520	7.01	4.99	40.2	7.18	322	-	1.78	0.1 U	34100	-
17-Aug-17	30.08	577.13	10.6	626	5.63	134.2	32.3	7.21	370	-	1.28	0.1 U	28900	-
9-Nov-17	26.04	581.17	9.8	479.5	5.79	74.4	68.8	7	391	-	1.39	0.1 U	25400	-
27-Feb-18	19.03	588.18	8.8	293.1	7.43	185.2	15.1	6.9	254	-	3.98	0.1 U	41900	-

Table 2b: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-2A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-May-18	20.84	586.37	9.1	531	7.46	-	25	7.35	316	-	3	0.1 UJ	40600	-
21-Aug-18	31.09	576.12	10.39	437	7.33	115.2	19.1	7.04	358	-	1.48	0.1 U	26900	-
6-Nov-18	28.00	579.21	9.7	420.1	8.17	210.3	6.74	6.97	418	-	1.3	0.1 U	23400	-
11-Mar-19	21.61	585.6	9	351.2	9.2	187.1	20.6	7.11	312	-	1.57	0.1 U	32700	-
8-May-19	23.88	583.33	9.8	443.1	8.05	109.6	7.79	7.06	316	-	1.66	0.1 U	32900	-
26-Aug-19	30.90	576.31	10.91	495	8.65	Note 1	12.7	6.91	394	-	1.28	0.1 U	21100	-
13-Nov-19	28.91	578.3	9.8	506	7.81	180.4	14.4	6.87	429	-	1.34	0.1 U	22900	-
12-Feb-20	14.21	593	8.1	319.3	9.95	189.3	14.6	7.27	277	-	1.95	0.1 U	56300	-
12-Aug-20	30.41	576.8	9.5	463.3	6.6	185.5	72.9	7.03	359	-	1.2	0.1 U	22400	-
9-Dec-20	25.91	581.3	9.4	533	6.44	213	9.96	6.97	400	-	1.38	0.49 J	26800	-
3-Mar-21	20.83	586.38	8.9	330	5.24	216.5	12.4	7.18	268	-	1.8	0.219	61100	-
9-Jun-21	29.14	578.07	9.1	459.8	8.65	193.6	1.34	6.88	360 J	-	1.25	0.058 J	21800	-
12-Oct-21	27.75	579.46	10.4	595	9.33	188.2	0.56	6.53	439 J-	1.19	1.1	0.1 U	21900	1.07
6-Jan-22	19.05	588.16	10.2	466.3	4.66	197.7	2.69	7.14	368	3.24	1.89	0.1 U	80700	1.19
16-Mar-22	17.54	589.67	8.4	304.1	9.88	154.6	6.43	6	291	3.26	1.85	0.218	60900	1.15
23-Jun-22	21.76	585.45	9.5	442.6	6.06	158.8	1.49	7.10	369	1.94	1.5	0.1 U	37500	1.15
23-Sep-22	30.87	576.34	11.2	471.5	8.5	190.3	2.04	6.82	351	0.923	1.17	0.13	23300	1.18
13-Dec-22	26.24	580.97	9.9	557	8.35	117.4	4.38	6.81	319	1.17	1.28 J	0.218 J+	21800	1.59
14-Mar-23	23.24	583.97	8.6	664.2	7.67	174.1	0.97	7.08	368	1.65	1.49	0.1 U	28800	1.03
28-Jun-23	28.64	578.57	10.5	521	9.26	275.7	2.1	6.79	361	1.05	1.12	0.371 J	19600	1.02
5-Sep-23	31.49	575.72	9.6	699	11.67	128.3	3.01	7.06	400 J-	0.74	1.1	0.383 J	19800	1.06
12-Dec-23	16.04	591.17	9.9	894	8.57	137	4.29	7.01	529	3.53	1.94	0.103 U	133000	1.5
4-Mar-24	20.65	586.56	8.9	505	8.82	218.3	1.74	6.87	360 J	2.27	1.39	0.103 U	71900	0.97
18-Jun-24	26.42	580.79	8.9	763	11.61	137.9	0.56	6.8	389	1.13	0.978	0.103 U	20500	0.954
16-Sep-24	30.4	576.81	10	667	9.64	200.7	2.02	6.67	396	0.934	1.28	0.103 U	19700	1.04
11-Dec-24	24.96	582.25	9.8	688	5.59	196.3	2.81	6.75	408	1.51	1.28	0.0680 U	38000	1.09
26-Mar-25	18.86	588.35	9.6	713	13.91	151.9	4.8	7.00	434	2.31	1.45	0.2 U	88700	0.996
11-Jun-25	28.34	578.87	9.6	632	7.72	122.5	1.55	6.79	353	0.84 J	1.08	0.5 U	20900	0.895 J
16-Sep-25	31.76	575.45	12.8	691	8.44	-184.4	1.28	6.59	380	0.75 U	1.07	0.5 U	22200	1.1
18-Dec-25	12.89	594.32	9.3	605.0	8.30	207.0	4.89	6.79	356	3.17	1.59	0.100 J	56900	0.870
24-Mar-26	14.07	593.14	7.6	464.8	10.06	144.0	3.23	6.97	303 B	2.39	1.33	0.100 U	29200	0.925 J

Notes:
Top of casing elevation (feet NAVD88): 607.21

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
*	Dissolved Oxygen meter working incorrectly at the time of sample collection
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2c: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-3A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	6.09	683.02	13.8	1124	-	-	30.3	6.96	922	-	2.41	2 U	-	-
10-Nov-05	5.50	683.61	10.8	1518	-	-	2.32	6.88	960	-	10.5	1 U	-	-
15-Feb-06	5.31	683.80	9.52	1357	0.46	217.4	58.2	6.33	930 J	-	6.66	1 U	-	-
16-May-06	6.25	682.86	10.4	1296	0.96	91	11.4	6.91	910	-	10.1	1 U	-	-
22-Aug-06	8.85	680.26	12.84	1362	1.28	-64.8	56	6.97	900	-	12.1	1 U	-	-
13-Nov-06	5.03	684.08	11.24	1392	2.12	-74.4	234	6.89	910	-	5.73	1 U	-	-
16-Feb-07	5.55	683.56	8.99	1155	0.75	-71.3	12.3	6.96	770	-	3.74	1 U	-	-
30-May-07	6.72	682.39	11.86	1297	0.75	-25.2	12.5	7.04	790	-	5.2	1 U	-	-
27-Aug-07	8.38	680.73	12.65	1483	0.71	-96.3	15.3	6.73	1100 J	-	8.74	1 U	-	-
28-Nov-07	5.66	683.45	10.47	1363	1.05	-72.9	26.9	7.31	730	-	4.24	1 U	-	-
27-Feb-08	5.57	683.54	-	-	-	-	121	-	860	-	9.76	1 U	-	-
19-May-08	5.94	683.17	9.39	1346	0.66	-52.6	20	6.93	820 J	-	6.64	1 U	-	-
26-Aug-08	6.44	682.67	12.15	1495	0.85	-53.6	5.85	6.88	820	-	3.42	1 U	30300	-
18-Nov-08	5.50	683.61	10.5	975	1.87	-67.4	225	6.93	880 J	-	7.48	1 U	62500	-
11-Feb-09	5.62	683.49	7.67	877	0.98	-	68	7.28	810	-	5.2	1 U	50600	-
19-May-09	5.60	683.51	8.52	847	0.91	-63.4	52	8.21	750 J	-	2.51	1 U	49500	-
22-Sep-09	8.36	680.75	15.7	1149	0.1	132.1	75.1	7.05	910	-	6.6	2 U	53000	-
17-Dec-09	4.59	684.52	8.9	1300	0.4	194	401	7.08	710	-	2 U	2 U	62000	-
24-Mar-10	5.40	683.71	11.2	1010	0.12	-	226	6.76	800	-	3.8	2 U	46000	-
16-Jun-10	5.27	683.84	10.1	1123	0.2	188	6.19	8.43	570	-	13	2 U	49000	-
21-Sep-10	6.01	683.10	12.7	1314	0.19	177.7	2.97	6.91	1,000	-	6.2	0.19 J	160000	-
7-Dec-10	5.23	683.88	9.7	1183	0.23	182.7	25.3	6.86	840	-	3.2	2 U	82000	-
30-Mar-11	5.04	684.07	8.3	498	0.28	174	4.93	7.89	700	-	3.6	2 U	36000	-
28-Sep-11	7.83	681.28	12.6	99	0.18	141.8	6.07	6.83	840	-	8.8	2 U	83000	-
15-Dec-11	5.40	683.71	9	785	0.6	179.8	24.4	6.98	760	-	4.5 J	2 U	73000	-
20-Mar-12	4.96	684.15	7.1	1092	0.16	22.6	12.1	7.11	470	-	5.2	2 U	73000	-
19-Jun-12	6.76	682.35	10.3	1077	0.11	198.6	11.3	7.07	660	-	12	0.4 U	78000	-
20-Sep-12	8.67	680.44	12.3	1235	0.15	111	1.96	6.99	710	-	11	0.05 J	100000	-
18-Dec-12	4.98	684.13	8.7	1450	0.3	-40.6	18.7	7.25	740	-	4.8	0.4 U	150000	-
26-Feb-13	5.25	683.86	7.8	1211	0.15	186.6	27.8	7.21	740	-	4.7	0.4 U	98000	-
23-May-13	6.56	682.55	9.9	1000	0.18	242.3	16.9	7.21	460	-	14	2.8	150000	-
21-Aug-13	9.01	680.10	12.1	917	0.12	-14.2	1.24	7.27	772	-	7.6	0.05 J	94000	-
19-Nov-13	6.09	683.02	9.9	697	0.07	61.8	2.93	6.77	852	-	12.3	0.2	169000	-
1-Apr-14	5.75	683.36	9	722	0.1	131.3	4.47	7.07	624	-	10.5	0.06 J	104000	-
22-May-14	5.80	683.31	9.8	580	1.08	185.3	-	6.85	494	-	5.2	0.1	66500	-
13-Aug-14	8.54	680.57	11.48	915	2.85	-67.6	8.16	7.09	740	-	6.9	0.1 U	116000	-
12-Nov-14	5.97	683.14	11.1	313.7	2.79	-85.1	15.3	6.87	744	-	6.9	0.1 U	89100	-
12-Feb-15	5.50	683.61	9.8	980	0.52	-54.5	1.28	7.04	696	-	4.2	0.1 U	73200	-
4-May-15	5.80	683.31	10.8	994	0.17	143.4	15.4	7.12	701	-	9.3	0.1 U	100000	-
5-Aug-15	10.12	678.99	12.6	881	0.13	-90.4	0.89	7.07	724	-	7.3	0.1 U	70300	-
3-Nov-15	5.30	683.81	12	865	1.23	105.5	5.06	6.97	1020	-	1.7	0.2	195000	-
9-Feb-16	5.14	683.97	9.1	954	0.55	154.6	4.82	7.03	625	-	3.4	0.1 U	92700	-
2-May-16	4.74	684.37	11.3	844	0.19	96.8	2.21	7.16	621	-	10.5	0.04 J-	105000	-
23-Aug-16	9.04	680.07	13.2	946	0.03	156.2	3.48	6.97	924	-	8.19	0.09 J	148000	-
1-Nov-16	6.18	682.93	11.9	349	0.15	18.5	2.43	7.11	744	-	2.63	0.1 U	180000	-
1-Feb-17	5.91	683.20	7.5	1114	0.17	-67.4	6.05	7.08	694	-	6.4	0.1 U	100000	-
30-May-17	7.40	681.71	10.4	753	2.2	8.59	3.28	7.12	465	-	9.52	0.1 U	89300	-
17-Aug-17	9.71	679.40	12.4	1101	0.25	-60.2	3.39	7.01	737	-	8.47	0.1 U	72000	-
9-Nov-17	6.06	683.05	9.6	833	0.64	75.3	2.01	7.08	748	-	1.84	0.1 U	191000	-
27-Feb-18	5.16	683.95	7.6	791	0.21	-75.4	9.52	6.64	506	-	2.97	0.1 U	92000	-
1-May-18	5.41	683.70	10	847	0.93	-	5.82	7.36	547	-	3.81	0.1 UJ	120000	-
21-Aug-18	10.81	678.30	14.54	909	2.96	-17.2	1.67	6.92	722	-	6.48	0.1 U	101000	-
7-Nov-18	5.85	683.26	11.2	931	0.66	179	0.87	6.97	828	-	2.03	0.073 J	202000 J+	-
11-Mar-19	5.26	683.85	6.1	477.5	1.25	53.7	2.39	7.34	486	-	1.44	0.1 U	125000	-
9-May-19	5.44	683.67	10.2	678	3.72	-9.4	1.85	7.04	574	-	3.02	0.083 J	143000	-
26-Aug-19	9.30	679.81	13.96	1041	0.6	Note 1	0.02	6.83	843	-	6.15	0.1 U	142000	-
13-Nov-19	5.58	683.53	9.4	803	0.31	12.8	0.02	6.97	724	-	2.2	0.077 J	174000	-
12-Feb-20	5.10	684.01	7.8	349.3	0.37	-62.4	1.4	7.25	287	-	1.86	0.1 U	74200	-
13-Aug-20	9.33	679.78	11.8	884	0.64	-81.6	4.28	6.76	683	-	10.9	0.1 U	119000	-

Table 2c: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-3A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
10-Dec-20	5.08	684.03	8.5	688	3.06	210	0.9	7.29	566	-	2.36	0.159	128000	-
4-Mar-21	5.26	683.85	7	364	0.59	47	1.54	7.42	319	-	1.52	0.134	74200	-
9-Jun-21	6.24	682.87	11.4	706	0.96	-50.2	4.12	7.03	540	-	6.48	0.204	124000	-
12-Oct-21	5.34	683.77	12.3	1611	2.92	133.4	5.25	6.63	1070 J-	15.6	3.31	0.4	93200	2.14
6-Jan-22	5.10	684.01	7.5	269.6	2.33	189.1	1.84	7.38	242	8.89	2.04	0.265	53400	2.61
17-Mar-22	4.97	684.14	7.5	269.6	2.33	189.1	1.84	7.38	252	3.39	1.98	0.169	53200	0.88
21-Jun-22	5.21	683.9	11.2	439.4	0.19	181.3	0.66	7.03	368	0.966	3.66	0.075 J	75400	0.39
13-Sep-22	11.25	677.86	15.3	910	4.92	85.7	9.15	6.49	689	0.973	5.42	0.137	91100	0.507
12-Dec-22	5.32	683.79	7.7	817	4.09	205.2	1.29	7.15	475	9.5	1.72	0.115 J+	99800	1.26
15-Mar-23	5.02	684.09	6.1	669.2	1.38	203.9	0.95	7.34	393	5.15	2.42	0.147	91100	1.19
26-Jun-23	7.35	681.76	11.7	802	0.65	-21.3	4.65	6.78	699	5.91	11.7	0.558	144000	1.07
6-Sep-23	13.95	675.16	13.8	1227	2.17	18	3.14	6.89	747 J-	0.717	4.08	0.126	95900	0.483
13-Dec-23	5.14	683.97	9.4	712	4.35	43.8	2.87	6.73	343	4.61	3.7	0.208	82900	0.816
5-Mar-24	5.05	684.06	7.5	620	5.62	93.3	4.58	6.74	356	1.55	4.65	0.336	66200	0.604
17-Jun-24	5.61	683.5	10.6	983	5.34	-34.5	0.58	7.06	544	1.16	9.66	0.134 J	118000	0.454
17-Sep-24	11.40	677.71	11.9	1206	6.77	199.9	9.95	6.6	779	1.09	11	0.286	90500	0.785 J
9-Dec-24	5.06	684.05	8.6	939	59.6	50.6	2.65	7.1	592	6.83	3.39	0.146	125000	0.676
24-Mar-25	4.87	684.24	9.1	1104	0.83	181	9.52	6.66	712	1.42	3.37	0.2 U	104000	0.418
9-Jun-25	7.55	681.56	12.7	1015	0.37	-61.2	2.8	7.18	631	2.75	12.8	1.00 U	101000	0.745 J
15-Sep-25	15.25	673.86	13	1390	0.77	-604.2	4.81	6.51	796	0.75 U	6.61	0.5 U	100000	0.7 J
17-Dec-25	4.60	684.51	9.6	372.9	1.08	-3.4	1.00	6.91	195	7.41	2.16	0.224	43300	1.13
24-Mar-26	4.93	684.18	8.2	558	0.14	181.2	3.92	6.42	343 B	3.48	6.66	0.194 J	61700	0.835 J

Notes:
Top of casing elevation (feet NAVD88): 689.11

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2d: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-4A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	4.60	700.85	12.43	629	-	-	6.07	6.45	490	-	2 U	2 U	-	-
10-Nov-05	3.70	701.75	11.98	441	-	-	7.4	6.22	290	-	1 U	1 U	-	-
19-Jan-06	3.56	701.89	8.29	319	0.42	-	1.46	6.53	290 J	-	1 U	1 U	-	-
15-Feb-06	3.82	701.63	8.32	326	0.62	99.7	3.5	7.39	220 J	-	1 U	1 U	-	-
15-Mar-06	3.79	701.66	7.58	254	0.87	201.9	0.82	6.65	210 J	-	1 U	1 U	-	-
7-Apr-06	3.87	701.58	9.36	295	0.55	157.4	0.24	6.34	220	-	1 U	1 U	-	-
16-May-06	4.92	700.53	10.8	321	0.45	142.1	0.99	6.36	220	-	1 U	1 U	-	-
23-Jun-06	4.41	701.04	12.62	316	0.57	-	2.05	6.25	200	-	1 U	2.64	-	-
20-Jul-06	6.90	698.55	13.43	347	0.23	-20.9	0.32	6.11	120	-	1 U	1 U	-	-
22-Aug-06	8.46	696.99	13.68	406	0.9	153.5	2.2	6.13	280	-	1 U	1 U	-	-
26-Sep-06	6.50	698.95	14.59	417	2.47	-35.2	2.42	6.33	290	-	1 U	1 U	-	-
26-Oct-06	5.98	699.47	12.82	434	3.3	124.1	0.82	6.12	320	-	1 U	1 U	-	-
13-Nov-06	3.02	702.43	11.7	386	5.06	187.8	2.47	6.13	280	-	1 U	1 U	-	-
20-Dec-06	3.60	701.85	9.64	379	4.3	150.5	1.03	6.07	250	-	1 U	1 U	-	-
23-Jan-07	3.68	701.77	8.37	239	3.96	58.9	0.66	6.28	220	-	1 U	1 U	-	-
14-Feb-07	3.74	701.71	8.18	325	2.85	110.8	0.53	6.25	210	-	1 U	1 U	-	-
27-Mar-07	3.32	702.13	8.27	289	2.07	61.5	0.88	6.83	210 J	-	1 U	1 U	-	-
17-Apr-07	3.89	701.56	9.59	306	1.8	102.3	2.31	6.34	190	-	1 U	1 U	-	-
30-May-07	4.70	700.75	11.27	285	1.78	101.7	1.37	6.37	180	-	1 U	1 U	-	-
20-Jun-07	4.69	700.76	12.37	350	1.67	9.3	1.25	6.9	240 J	-	1 U	1 U	-	-
31-Jul-07	6.38	699.07	14.57	402	1.15	5.5	0.6	6.37	250	-	1.29	1 U	-	-
29-Aug-07	7.44	698.01	13.78	353	1.11	128.3	1.87	6.18	280 J	-	1 U	1 U	-	-
27-Sep-07	8.25	697.20	13.6	375	0.96	142.6	0.7	6.7	300	-	1 U	1 U	-	-
29-Nov-07	3.93	701.52	10.13	428	3.17	197.3	1.63	6.32	270	-	1 U	1 U	-	-
12-Dec-07	5.82	699.63	9.51	384	3.37	185	0.8	6.06	260	-	1 U	1 U	-	-
24-Jan-08	3.86	701.59	7.74	354	3.09	109	-	6.35	250	-	1 U	1 U	-	-
28-Feb-08	4.04	701.41	-	-	-	-	1.06	-	220	-	1 U	1 U	-	-
19-May-08	4.35	701.10	9.79	329	1.38	209.2	1.2	6.08	200 J	-	1 U	1 U	-	-
26-Aug-08	7.83	697.62	12.66	431	1.38	210.5	0.28	6.19	270	-	1 U	1 U	3000 U	-
18-Nov-08	3.64	701.81	10.43	235	3.95	217.5	0.66	6.03	210	-	1 U	1 U	3000 U	-
11-Feb-09	4.09	701.36	7.24	188	2.13	-	0.12	6.54	180	-	1 U	1 U	3000 U	-
19-May-09	3.79	701.66	8.19	173	1.28	111.9	1.78	7.18	170 J	-	1 U	1 U	3000 U	-
22-Sep-09	9.70	695.75	16.5	440	0.82	383.3	12.5	6.31	370 J	-	2 U	2 U	1200 J	-
17-Dec-09	3.47	701.98	9.2	311	4.37	470	16	6.25	110	-	2 U	2 U	700 J	-
24-Mar-10	3.87	701.58	9.4	410	0.34	204.8	30.7	6.65	240	-	0.81 J	2 U	1300 J	-
16-Jun-10	3.77	701.68	10.3	298	0.99	397.8	1.11	7.4	180	-	3.6	2 U	900 J	-
21-Sep-10	5.82	699.63	13.7	350	1.01	302.5	1.04	6.25	200	-	1.4 J	0.2 J	1200 J	-
7-Dec-10	3.83	701.62	9.6	283	0.72	405.6	0.42	6.16	190	-	2 U	2 U	800 J	-
30-Mar-11	3.91	701.54	8.2	133.3	0.51	248.2	0.29	9.87	140 J	-	0.35 J	2 U	5000	-
22-Jun-11	3.99	701.46	11	219.3	0.16	222.5	0.22	6.13	160	-	5 U	2 U	700 J	-
28-Sep-11	8.54	696.91	14.3	34.5	0.26	333.9	2.45	6.3	270	-	5 U	2 U	2100 J	-
15-Dec-11	4.12	701.33	9.4	217	1.15	414.3	2.74	6.28	200	-	5 U	2 U	1200 J	-
21-Mar-12	3.35	702.10	8.4	346	0.42	438.4	0.48	6.14	220	-	4.8	0.4 U	1300 J	-
19-Jun-12	3.78	701.67	11.3	290.1	0.09	314	0.46	6.28	170 J+	-	1.3	0.4 U	3300 U	-
20-Sep-12	8.53	696.92	14.4	419	0.26	309	1.07	6.39	240	-	1.6	0.4 U	2900 J	-
18-Dec-12	3.49	701.96	9.1	491	2.56	264.4	1.38	6.63	170	-	1 U	0.4 U	1200 J	-
26-Feb-13	3.91	701.54	8.4	324	2.59	404.2	1.01	7.03	140	-	1.1	0.4 U	3400	-
23-May-13	3.76	701.69	10.6	338	1.15	465.9	0.57	6.31	190	-	1 U	0.4 U	3300 U	-
22-Aug-13	8.28	697.17	13.1	284.2	0.33	32.2	0.89	6.34	220	-	0.4	0.1 U	1260	-
19-Nov-13	3.33	702.12	10.3	323	1.7	109.2	0.64	6.27	200	-	0.2	0.1 U	750	-
1-Apr-14	3.69	701.76	8.2	243.6	0.45	180.7	0.28	6.33	173	-	0.18 J	0.1 U	710	-
22-May-14	4.52	700.93	10.8	195	0.65	75	-	7.2	152	-	0.3	0.1	600	-
13-Aug-14	7.56	697.89	12.62	269	0.44	37.7	1.12	5.89	181	-	0.8	0.1 U	890	-
12-Nov-14	3.73	701.72	11.7	230.9	1.29	108.2	1.32	6.17	191	-	0.3	0.1 U	950	-
11-Feb-15	3.50	701.95	9.2	270.4	0.53	-34.2	0.73	6.3	170	-	0.2	0.1 U	680	-
4-May-15	4.69	700.76	10.9	249.5	0.28	378.1	0.57	6.29	341	-	0.2	0.1 U	610	-
5-Aug-15	9.44	696.01	13.9	316	0.72	-38.1	1.16	6.45	262	-	0.3	0.1 U	1230	-
3-Nov-15	4.21	701.24	11.8	192.2	8.59	205.6	5.39	6.34	166	-	0.2 J	0.1 U	790	-
9-Feb-16	3.82	701.63	9.2	291.8	4.61	230.7	0.49	6.45	164	-	0.17 J	0.1 U	790	-
3-May-16	4.61	700.84	10.9	310	2.39	253	1.01	6.34	178	-	0.3	0.01 J-	940	-

Table 2d: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-4A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
24-Aug-16	8.76	696.69	13.2	286.7	1.24	490.4	1.01	6.35	177	-	0.2 J	0.1 U	840	-
1-Nov-16	3.34	702.11	12.2	100	3.69	177.2	0.4	6.38	205	-	0.19 J	0.1 U	971	-
2-Feb-17	3.94	701.51	7.8	363	3.11	190	0.1	6.39	223	-	0.17 J	0.1 U	819	-
31-May-17	4.68	700.77	10.3	300	4.5	-	2.48	6.3	182	-	0.203	0.1 U	795	-
18-Aug-17	8.61	696.84	12.7	393	0.51	120.2	0.87	6.44	228	-	0.308	0.1 U	1300	-
10-Nov-17	3.58	701.87	11	264.4	3.88	56.5	0.76	6.01	217	-	0.186 J	0.1 U	669	-
27-Feb-18	3.76	701.69	8.3	302.1	3.19	221.1	0.55	6.29	238	-	0.176 J	0.1 U	875	-
2-May-18	4.02	701.43	10	343	3.02	-	0.59	6.36	215	-	0.15 J	0.1 UJ	980	-
22-Aug-18	9.35	696.10	12.17	330	1.99	142	2.31	6.27	265	-	0.315	0.1 U	1230	-
7-Nov-18	5.25	700.20	11.7	316.7	5.45	124.4	0.76	6.23	250	-	0.199 J	0.1 U	843	-
11-Mar-19	3.96	701.49	7.6	226.3	3.96	220.8	0.7	6.38	233	-	0.146 J	0.1 U	918	-
9-May-19	4.70	700.75	12.5	282.5	3.6	82.3	1.56	6.14	230	-	0.154 J	0.1 U	816	-
26-Aug-19	8.20	697.25	13.13	374	0.86	Note 1	0.02	6.3	264	-	0.3	0.1 U	928	-
14-Nov-19	4.35	701.10	10.8	309.4	3.19	109.5	0.02	6.15	240	-	0.251	0.1 U	894	-
13-Feb-20	3.70	701.75	7.9	283.7	2.98	102.2	0.91	6.18	283	-	0.176 J	0.1 U	859	-
13-Aug-20	7.73	697.72	13.5	334.3	0.62	58.3	0.51	6.19	238	-	0.711	0.1 U	921	-
10-Dec-20	3.45	702.00	9.8	364	6.11	169	1.56	6.51	297	-	0.296	0.1 U	1260	-
4-Mar-21	3.72	701.73	8.3	304	2.83	137	0.49	6.47	255	-	0.192 J	0.1 U	876	-
10-Jun-21	5.32	700.13	11.9	338.7	1.23	108.5	0.73	6.09	220	-	0.228	0.1 U	787	-
15-Oct-21	7.69	697.76	12.6	341.3	6.91	133.9	20.5	6.37	363 J-	0.18 J	0.99	0.151	1480	4.09
7-Jan-22	3.40	702.05	8.7	248.4	4.37	211.1	3.08	6.29	270	0.2 U	0.383	0.1 U	774 J	1.73
18-Mar-22	3.52	701.93	9.1	340.6	3.26	123.8	1.85	6.63	320	0.2 U	0.279	0.1 U	1140	1.53
22-Jun-22	3.83	701.62	10.1	327.8	1.36	114.5	0.46	6.36	263	0.2 U	0.201	0.1 U	666	1.16
14-Sep-22	8.9	696.55	13.4	389.4	2.46	87.6	2.53	6.02	330	0.2 U	0.385	0.1 U	1080	1.19
14-Dec-22	3.88	701.57	9.1	278	7.03	135.4	0.44	6.35	224	0.2 U	0.188 J	0.1 U	583	1.42
16-Mar-23	3.39	702.06	7.9	468.9	4.44	111.7	2.92	6.3	264	0.2 U	0.159 J	0.1 U	616	1.13
27-Jun-23	6.27	699.18	11.4	308.1	3.02	74.9	1.06	6.2	246	0.2 U	0.19 J	0.5 U	745	1.24
8-Sep-23	9.88	695.57	12.8	560.7	1.14	57.3	9.67	6.45	329 J-	0.101 U	0.317	0.0513 U	1170	1.14
14-Dec-23	3.78	701.67	9.7	497	6.6	227.1	1.2	6.37	255	0.202 U	0.218 J	0.257 U	527	1.25
7-Mar-24	3.72	701.73	8.7	576	4.82	171.9	0.66	6.37	320	0.202 U	0.4 U	0.103 U	708	1.18
17-Jun-24	4.00	701.45	10.8	451.3	6.22	77.4	0.62	6.26	226	0.202 U	0.18 J	0.103 U	452 J	0.85
17-Sep-24	8.33	697.12	12.2	576	6.2	132	1.9	6.38	304	0.202 U	0.482	0.103 U	931	2.42 J
12-Dec-24	3.67	701.78	9.5	583	0.59	153.2	0.95	6.35	341	0.150 U	0.338	0.0680 U	1180	0.864
24-Mar-25	3.42	702.03	9.3	558.7	2.28	91	6	6.39	324	0.3 U	0.3 J	0.2 U	1050	0.592
9-Jun-25	6.24	699.21	13.4	505	0.63	79.4	2.62	6.52	270	0.75 U	0.5 U	0.5 U	831	0.58 J
15-Sep-25	10.20	695.25	14.1	648	0.94	-496.2	4.5	6.18	347	0.75 U	0.5 U	0.5 U	1470	1.19
19-Dec-25	3.48	701.97	9.6	508.0	5.24	223.9	3.61	6.46	235	0.150 U	0.201	0.100 U	881	1.35
26-Mar-26	3.60	701.85	9.4	382.0	2.68	77.1	3.99	6.19	344 B	0.150 U	0.270	0.100 U	1170	1.75

Notes:
Top of casing elevation (feet NAVD88): 705.45

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2e: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-5A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	33.33	577.90	12.02	956	-	-	496	7.34	600	-	2.01	2 U	-	-
10-Nov-05	29.62	581.61	11.24	1212	-	-	27.6	7.32	800	-	8.4	1 U	-	-
15-Feb-06	21.70	589.53	6.45	665	2.59	280.3	11.1	7.86	520 J	-	22.3	1 U	-	-
17-May-06	29.80	581.43	7.74	831	0.88	101.9	8.67	7.79	580	-	11	1 U	-	-
23-Aug-06	33.25	577.98	15.19	737	1.76	33.5	19.6	7.32	660	-	2.53	1 U	-	-
14-Nov-06	17.79	593.44	10.86	699	4.5	76.3	38.7	7.55	490	-	3.15	1 U	-	-
16-Feb-07	27.08	584.15	8.08	630	6.07	2.3	57.6	8.26	500	-	14.4	1 U	-	-
30-May-07	30.75	580.48	9.6	894	2.59	13.3	13.4	7.76	540	-	8.43	1 U	-	-
29-Aug-07	33.60	577.63	9.56	684	7.64	67	-	7.1	670 J	-	1.97	1 U	-	-
29-Nov-07	30.60	580.63	11	1075	3.53	151.5	23.5	8.37	560	-	5.17	1 U	-	-
27-Feb-08	25.68	585.55	-	-	-	-	29.9	-	400	-	10.7	1 U	-	-
20-May-08	29.73	581.50	7.93	768	4.27	180.7	77.8	7.39	480 J	-	5.67	1 U	-	-
27-Aug-08	33.97	577.26	10.17	862	4.07	81.2	-	7.43	540 J	-	1.17	1 U	87500	-
26-Sep-08	*Test Trench Drain Line Installed*													
16-Oct-08	33.55	577.68	8.89	845	5.39	86.3	852	7.53	440 J	-	1.03	1 U	90700	-
20-Nov-08	23.48	587.75	9.34	577	5.27	234.3	9.48	7.5	470	-	6.24	2 U	138000	-
30-Dec-08	20.88	590.35	8.39	510	8.89	99	44.8	8.02	430 J	-	14.2	1.11	138000	-
15-Jan-09	18.50	592.73	4.97	347	8.9	154.8	17.2	8.47	380	-	24.4	1 U	104000	-
12-Feb-09	27.90	583.33	8.47	-	10.21	-	22	7.6	420 J	-	6.11	1 U	99000	-
12-Mar-09	29.19	582.04	7.47	521	6.15	171.7	26.8	7.39	480	-	8.97	1 U	124000	-
16-Apr-09	21.70	589.53	6.99	456	7.6	151.6	72.7	8.66	470	-	28.2	1.01	126000	-
19-May-09	28.37	582.86	8.08	509	6.38	64.4	31.3	8.07	450 J	-	9.19	1 U	105000	-
23-Jun-09	31.95	579.28	8.84	551	5.97	69.1	74.3	8.28	500	-	4.3	2 U	71000	-
24-Sep-09	35.29	575.94	11.7	714	2.28	371.9	258	7.26	550 J	-	0.76 J	0.17 J	88000	-
15-Dec-09	26.11	585.12	8.6	928	2.89	544	89	7.14	450	-	1.1 J	2 U	110000	-
24-Mar-10	27.86	583.37	8.3	697	3.52	505.1	18.1	7.47	450	-	23	0.46 J	110000	-
16-Jun-10	21.35	589.88	10.7	783	2.07	379	41.4	7.73	340	-	53	0.0021	150000	-
22-Sep-10	33.88	577.35	10.4	938	4.3	467.1	7.93	7.1	620	-	5	2 U	100000	-
7-Dec-10	25.22	586.01	10.2	781	3.86	353.7	11.1	7.39	500	-	12	0.53 J	130000	-
29-Mar-11	23.59	587.64	7	354	3.47	708	22.22	9.52	440 J	-	63	1.4 J	140000	-
21-Jun-11	28.33	582.90	11.6	1000	2.22	285.3	10.6	9.06	1100 J	-	43	1.2 J	180000	-
27-Sep-11	34.70	576.53	12.7	641	1.46	307.2	12.8	7.3	680	-	5 U	0.23 J	100000	-
14-Dec-11	29.46	581.77	9.5	691	1.95	757.1	9.69	7.35	690	-	6.9	0.18 J	180000	-
20-Mar-12	19.50	591.73	6.2	841	3.98	320.2	8.52	8.25	350	-	26	1 J	140000	-
19-Jun-12	27.91	583.32	10.2	800	3.22	365.9	2.76	7.66	510	-	8.7	0.4 U	120000	-
20-Sep-12	34.53	576.70	11	859	0.73	387	46.8	7.64	530	-	2.6	0.4 U	100000	-
19-Dec-12	21.26	589.97	8.9	983	1.73	279	778	7.71	530	-	11	0.62	180000	-
25-Feb-13	27.19	584.04	7.5	682	7.61	330.5	4.36	7.85	380	-	13	0.15 J	74000	-
22-May-13	29.09	582.14	8.8	828	3.88	411.4	8.11	8.29	350	-	25	0.53	100000	-
21-Aug-13	35.15	576.08	17.1	1248	3.41	114.2	144	7.78	1060	-	1.5	0.05 J	95000	-
20-Nov-13	27.45	583.78	10	1032	4.13	196.5	31.7	7.18	699	-	14.5	1.4	202000	-
1-Apr-14	21.08	590.15	8.4	567	3.04	168.2	15.7	10.24	413	-	62.7	1.5	150000	-
21-May-14	26.11	585.12	10.3	670	0.49	198.4	-	7.45	565	-	95	1.6	166000	-
12-Aug-14	34.56	576.67	14.07	812	3.64	87.7	1519	7.51	560	-	3	0.1 U	107000	-
13-Nov-14	29.48	581.75	12.9	1135	3.5	241.7	10.46	7.69	956	-	20.8	0.1	295000	-
11-Feb-15	20.81	590.42	7.7	619	6.17	81.4	18	9.63	430	-	39.2	1.3	126000	-
4-May-15	29.80	581.43	10.5	924	2.54	361.3	8.7	9.74	623	-	42.3	0.5	192000	-
6-Aug-15	36.08	575.15	12.8	781	2.4	129.6	261	7.24	DRY	-	DRY	DRY	DRY	-
4-Nov-15	30.80	580.43	10.7	1234	4.98	205.6	11.8	7.13	1130	-	6.6	0.3	318000	-
10-Feb-16	23.56	587.67	6.4	602	1.62	197.7	11.9	10.19	451	-	132	1.4	148000	-
2-May-16	30.19	581.04	11.5	1008	0.8	110.6	9.76	10.14	751	-	171	2.7 J-	232000	-
23-Aug-16	35.79	575.44	13.1	729	2	436.2	51.4	7.2	1010	-	4.01	0.1 U	137000	-
2-Nov-16	29.06	582.17	10.9	570	4.98	103.1	32.1	7.55	1180	-	11.2	0.56	372000	-
1-Feb-17	26.86	584.37	8.1	992	2.21	99.7	7.19	9.73	632	-	109	0.971	194000	-
30-May-17	26.86	584.37	10.5	814	6.12	5.83	5.74	9.73	487	-	42.5	0.36 J+	168000	-
17-Aug-17	34.23	577.00	11.7	1054	5.43	125.1	5.68	7.65	731	-	6.52	0.1 U	156000	-
10-Nov-17	29.96	581.27	10	1077	4.65	85.2	10.5	7.18	953	-	5.82	0.338	308000	-
27-Feb-18	23.02	588.21	7.7	584	1.91	120.4	12.6	9.96	530	-	86.3	0.642	174000	-

Table 2e: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-5A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-May-18	24.85	586.38	9.1	1082	2.16	-	11.8	10.34	682	-	113	0.775 J+	196000	-
21-Aug-18	35.17	576.06	14.83	1095	4.02	131	123	7.4	936	-	3.65	0.1 U	214000	-
6-Nov-18	32.00	579.23	10.3	1192	5.93	198.1	2.35	7.49	1200	-	4.87	0.077 J	363000 J+	-
13-Mar-19	25.12	586.11	7.4	695	2.19	189.7	15.8	9.48	632	-	44.1	0.633	200000	-
8-May-19	27.89	583.34	10.7	844	4.95	60.5	5.19	9.3	697	-	41.9	0.677	182000	-
26-Aug-19	35.02	576.21	11.89	1111	1.52	Note 1	22.9	7.26	995	-	2.46	0.1 U	177000	-
13-Nov-19	33.00	578.23	9.8	932	5.27	66.1	0.02	7.18	776	-	3.89	0.1 U	211000	-
12-Feb-20	18.23	593.00	7	533	7.58	140.4	10.6	8.32	463	-	6.31	0.145	183000	-
12-Aug-20	34.50	576.73	11.2	1381	4	125	2.75	7.52	1250	-	5.37	0.1 U	333000	-
9-Dec-20	29.90	581.33	9.8	1105	4.51	222	8.32	7.29	897	-	3.12	0.295	263000	-
3-Mar-21	24.81	586.42	9.2	899	3.04	225	3.09	7.6	792	-	3.74	0.132	247000	-
9-Jun-21	33.20	578.03	9.3	875	5.23	184	1.26	7.27	700	-	2.62	0.063 J	205000	-
13-Oct-21	31.70	579.53	9.5	1934	5.97	194	9.56	7.22	DRY	DRY	DRY	DRY	DRY	DRY
5-Jan-22	23.00	588.23	9.2	972	4.7	271.1	1.4	7.18	829	6.42	3.38	0.085 J	252000	1.8
16-Mar-22	21.48	589.75	7.8	724	7.0	187	2.65	6.6	711	6.01	4.02	0.11	223000	1.52
23-Jun-22	25.74	585.49	9.6	969	3.5	173.1	1.13	7.38	881	5.49	3.29	0.093 J	251000	1.82
23-Sep-22	35	576.23	11.5	1640	3.45	223.6	1.35	7.42	1720	4.57	3.21	0.156 J	455000	1.58
13-Dec-22	30.22	581.01	10.4	928	7.08	109.2	2.27	7.04	634	3.54	1.89	0.105 J+	173000	1.25
13-Mar-23	27.15	584.08	8.1	1685	5.49	172.5	1.43	7.47	1090	5.83	3.39	0.068 J	318000	1.64
26-Jun-23	32.57	578.66	11.1	1559	4.28	74.7	1.29	7.49	1510	6.99	4.55	0.2 U	475000	2.17
5-Sep-23	35.67	575.56	Insufficient depth of water to sample											
12-Dec-23	19.96	591.27	9.7	1260	6.44	152.6	2.92	7.07	847	4.62	2.69	0.103 U	225000	1.71
4-Mar-24	24.62	586.61	8.4	1191	6.08	237	0.63	7.35	984 J	6.37	4.28	0.103 U	294000	1.62
18-Jun-24	30.41	580.82	9.9	2586	8.65	176.1	0.88	7.51	1430	7.1	3.91	0.103 U	456000	1.81
16-Sep-24	34.45	576.78	10.8	1940	7.65	228.6	4.82	7.54	1340	6.16	4.56	0.244	986000	1.82
11-Dec-24	28.94	582.29	9.7	1717	3.17	194.8	3.04	7.15	1090	5.52	2.66	0.165	317000	1.6
26-Mar-25	22.77	588.46	8.1	1449	8.6	178.5	2.84	7.24	912	4.63	3.31	0.2 U	272000	1.43
11-Jun-25	32.35	578.88	10.1	1229	5.8	91.2	0.27	7.31	727	3.22	2.01	0.5 U	203000	0.985 J
17-Sep-25	35.70	575.53	16.9	1972	8.27	-260.5	1.34	7.13	1410	1.68	1.49	0.5 U	288000	0.995 J
18-Dec-25	16.92	594.31	9.3	909.0	7.51	184.6	4.50	7.21	550	4.54	3.18	0.200 U	165000	1.69
24-Mar-26	18.09	593.14	7.7	642.0	9	138.6	1.11	7.44	473 B	3.8	3.28	0.100 U	135000	1.18

Notes:
Top of casing elevation (feet NAVD88): 611.23

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
DRY	Well went dry during sampling. Unable to collect sample.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2f: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-6A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Jul-05	30.89	578.06	15.26	735	-	-	303	7.6	612	-	2 U	2 U	-	-
10-Nov-05	27.25	581.70	11.79	700	-	-	13.7	7.51	460	-	2.16	1 U	-	-
15-Feb-06	19.42	589.53	6.17	759	2	162.9	9.42	8.27	550 J	-	7.54	1 U	-	-
17-May-06	27.55	581.40	11.99	835	1.31	248.3	4.16	7.46	550	-	11	1 U	-	-
23-Aug-06	30.99	577.96	15.92	862	1.6	-26.4	15.5	7.4	810	-	1.34	1 U	-	-
14-Nov-06	15.30	593.65	10.56	712	4.59	84.1	14.5	7.32	500	-	1.71	1 U	-	-
16-Feb-07	24.22	584.73	8.49	581	3.64	38.6	139	7.21	420	-	1.6	1 U	-	-
30-May-07	28.50	580.45	13.93	1092	2.72	180.7	210	7.4	740	-	16.2	1 U	-	-
29-Aug-07	31.34	577.61	10.15	701	4.48	84.8	662	7.8	620 J	-	1.41	1 U	-	-
29-Nov-07	28.32	580.63	11.3	731	6.23	154	-	6.26	420	-	1.78	1 U	-	-
27-Feb-08	23.42	585.53	-	-	-	-	-	-	410	-	1.47	1 U	-	-
20-May-08	27.49	581.46	8.14	791	3.93	176.5	-	7.64	540 J	-	8.18	1 U	-	-
27-Aug-08	31.72	577.23	9.33	776	4.83	142	-	7.32	660 J	-	1.86	1 U	109000	-
26-Sep-08	*Test Trench Drain Line Installed*													-
16-Oct-08	31.29	577.66	9.17	923	4.6	115.4	-	7.13	590 J	-	1.85	1 U	106000	-
20-Nov-08	21.18	587.77	9.7	578	5.22	249.4	11.7	7.4	460	-	4.42	2 U	110000	-
30-Dec-08	18.64	590.31	8.45	448	9.27	137.9	75.8	7.89	370 J	-	11.9	1.14	106000	-
15-Jan-09	16.23	592.72	6.84	344	9.25	181.9	2.77	7.47	320	-	4.88	1 U	72900	-
12-Feb-09	25.64	583.31	7.89	-	10.82	-	71.7	7.7	420	-	11	1 U	103000	-
12-Mar-09	26.92	582.03	7.27	524	8.31	166.7	116	7.76	500	-	23.5	1 U	125000	-
16-Apr-09	19.46	589.49	7.33	406	7.57	182.8	91.8	8.33	430	-	24.1	1.09	101000	-
19-May-09	26.10	582.85	9.07	554	6.39	65.6	161	8.32	550 J	-	13.4	1 U	115000	-
23-Jun-09	29.67	579.28	9.51	522	6.05	71.4	-	8.17	540	-	3.1	2 U	74000	-
24-Sep-09	32.93	576.02	10.6	745	4.02	361.3	29.8	7.27	560 J	-	0.28 J	2 U	100000	-
15-Dec-09	23.87	585.08	9.5	815	4.2	556	20	7.15	450	-	2 U	2 U	120000	-
24-Mar-10	25.61	583.34	8.5	704	4.93	205.6	20.5	8.53	490	-	47	0.9 J	140000	-
16-Jun-10	19.11	589.84	10.4	553	4.79	399.8	13.4	7.22	310	-	16	2 U	90000	-
22-Sep-10	31.61	577.34	11.3	1019	3.89	413.8	20.3	7.1	770	-	6.2	0.24 J	130000	-
8-Dec-10	23.10	585.85	87.9	751	6.24	437.1	9.55	8.77	520	-	43	1.3 J	130000	-
29-Mar-11	21.32	587.63	7.1	303	4.76	809.4	13.4	9.35	350 J	-	43	0.55 J	110000	-
21-Jun-11	26.04	582.91	11.2	840	3.24	300.2	8.5	8.4	790	-	18	0.58 J	110000	-
28-Sep-11	32.43	576.52	10.9	66.6	3.92	415.6	8.32	7.3	590	-	5 U	0.19 J	110000	-
14-Dec-11	27.19	581.76	9	605	1.56	329.9	21.9	7.89	570	-	11	0.79 J	150000	-
20-Mar-12	17.23	591.72	6.7	639	5.03	362.5	59.9	7.79	200	-	17	2 U	79000	-
19-Jun-12	25.63	583.32	9.6	681	5.24	373.2	5.94	7.43	430	-	7.4	0.4 U	76000	-
19-Sep-12	32.12	576.83	11.7	786	3.49	290	7.36	7.38	460	-	5.7	0.4 U	81000	-
19-Dec-12	19.00	589.95	8.9	977	4.55	308	26.9	7.98	440	-	20	1.3	150000	-
25-Feb-13	24.93	584.02	7.1	766	7.59	306.9	6.18	8.2	450	-	34	0.73	120000	-
22-May-13	26.84	582.11	9.1	705	3.94	412.9	5.97	9.33	430	-	43	0.52	140000	-
21-Aug-13	32.84	576.11	11.2	879	4.54	110.2	8.28	8.28	548	-	9.5	0.1 U	106000	-
20-Nov-13	25.21	583.74	11.1	1264	4.69	201.4	30.8	7.55	640	-	24.9	1.9	163000	-
1-Apr-14	18.81	590.14	8.4	448	3.5	194.9	14.7	8.87	342	-	14.8	0.3	78400	-
21-May-14	23.84	585.11	10.6	122	1.32	199.3	-	8.46	352	-	18	0.2	80400	-
13-Aug-14	32.25	576.70	12.46	796	5.77	54	8.01	8.68	628	-	16.1	0.1 U	165000	-
13-Nov-14	27.21	581.74	13.3	837	4.02	234.3	11.4	8.63	711	-	44.1	0.4	203000	-
11-Feb-15	18.54	590.41	8.4	609	1.75	16	87.4	9.71	435	-	36.2	1	117000	-
4-May-15	27.52	581.43	9.9	974	3.27	356.5	12.3	10.14	654	-	41.6	0.5	199000	-
6-Aug-15	33.98	574.97	11.7	822	1.77	113.7	4.02	8.83	670	-	19.1	0.1 U	210000	-
4-Nov-15	28.51	580.44	11.7	1207	4.85	206.3	21.2	7.48	1090	-	7.7	1	370000	-
10-Feb-16	20.96	587.99	6.9	712	2.3	145.8	20.1	10.82	575	-	121	1.1	173000	-
2-May-16	28.91	580.04	10.6	1856	0.19	111.2	15.6	11.53	1010	-	199	2.5 J-	347000	-
23-Aug-16	33.58	575.37	11.4	1241	0.43	462	8.89	9.51	1150	-	38.9	0.341	349000	-
2-Nov-16	26.92	582.03	11.6	409	5.05	14.4	40.6	9.15	911	-	25.6	1.49	297000	-
1-Feb-17	24.61	584.34	6.2	1757	2.34	72.1	11.7	11.97	880	-	141	0.336	283000	-
30-May-17	24.56	584.39	10.8	1026	2.45	5.69	16.9	10.5	629	-	72.8	0.52 J+	210000	-
17-Aug-17	32.04	576.91	13.1	1019	3.94	87.3	42.7	9.36	726	-	20.3	0.15	219000	-
10-Nov-17	27.72	581.23	11.6	1090	4.17	109.6	38.2	9.12	931	-	24.3	2.77	356000	-
27-Feb-18	20.78	588.17	7	823	3.99	59.3	12	11.29	635	-	99.3	0.561	203000	-
1-May-18	22.58	586.37	8.9	1442	3.52	-	17.7	11.49	817	-	119	0.831 J+	250000	-
21-Aug-18	33.09	575.86	13.18	1153	1.01	139.8	9.68	10.06	989	-	53.6	0.345	334000	-
6-Nov-18	29.74	579.21	11.1	1719	3.85	218.4	6.49	8.13	1860	-	3.04	0.367	701000 J+	-

Table 2f: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-6A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
13-Mar-19	22.90	586.05	5.8	748	5.04	145.7	32	10.55	737	-	39.1	0.455	246000	-
8-May-19	25.63	583.32	9.1	936	5.95	75.9	7.6	10.38	747	-	54.7	1.27	246000	-
26-Aug-19	32.90	576.05	11.18	1622	0.88	Note 1	6.57	8.97	1510	-	18.8	0.507	478000	-
13-Nov-19	30.92	578.03	10.2	1320	1.45	172.7	5.1	8.33	1140	-	6.31	0.1 U	422000	-
12-Feb-20	15.95	593.00	7.7	437.7	1.4	150.6	19.7	8.13	379	-	2.12	0.1 U	122000	-
12-Aug-20	32.30	576.65	11	2360	2.25	162.9	13.4	8.16	2060	-	6.28	0.088 J	709000	-
9-Dec-20	27.60	581.35	10.8	1750	1.95	209	22	8.22	1500	-	3.14	0.984	539000	-
3-Mar-21	22.58	586.37	7.1	760	1.74	208	5.6	8.04	722	-	3.09	0.307	243000	-
9-Jun-21	31.07	577.88	9.8	2077	4.83	197.3	1.81	8.08	1900	-	5.03	0.094 J	707000	-
13-Oct-21	29.39	579.56	11.2	2509	4.77	188.6	13.1	7.64	DRY	DRY	DRY	DRY	DRY	DRY
6-Jan-22	20.72	588.23	7.3	1136	8.21	229.4	2.04	7.98	1040	7.89	2.41	0.115	333000	0.912
16-Mar-22	19.23	589.72	7.3	828	7.3	176.4	3.63	7.57	808	7.90	2.85	0.155	255000	0.935
23-Jun-22	23.49	585.46	11.2	916	3.74	163.1	0.76	7.66	836	7.00	2.09	0.073 J	265000	0.977
23-Sep-22	32.92	576.03	14.8	2281	3.73	199.3	2.05	8.05	2150	7.64	4.97	0.2 U	646000	2.52
13-Dec-22	27.98	580.97	12.4	1915	6.1	80.4	3.77	7.98	1350	12.4	5.64	0.865 J+	495000	1.26
14-Mar-23	24.91	584.04	6.8	2029	8.44	212.6	0.76	7.71	1190	6.7	1.87	0.1 U	387000	0.801
28-Jun-23	30.50	578.45	11	1640	2.57	222.4	1.22	7.78	1310	7.07	3.92	0.052 J	446000	1.73
5-Sep-23	Below Pump	-	11.6	2869	4.79	184.9	4.83	7.9	1930 J-	7.37	4.56	0.1	566000	2.33
12-Dec-23	17.75	591.2	9.4	1170	7.75	137.3	4.99	7.33	766	6.48	2.09	0.254	266000	1
4-Mar-24	22.36	586.59	7.3	1215	7.46	232.5	0.84	7.59	1070 J	7.92	2.83	0.103 U	359000	0.928
18-Jun-24	28.14	580.81	7.72	1515	11.01	176	0.49	7.72	784	5.06	1.49	0.103 U	270000	0.458
16-Sep-24	32.34	576.61	11.4	2433	8.03	235.6	2.04	7.74	1830	6.33	3.87	0.103 U	495000	1.76
11-Dec-24	26.68	582.27	10.4	2032	4.94	164.9	1.75	7.5	1360	8.89	2.23	0.176	444000	0.898
26-Mar-25	20.57	588.38	7.1	1623	9.61	181.5	9.06	7.5	977	6.55	2.1	0.2 U	328000	0.972
11-Jun-25	30.06	578.89	9.5	1203	6.8	92	0.84	7.5	731	3.59	1.42	0.5 U	245000	0.62 J
16-Sep-25	Below Pump	-	-	-	-	-	-	-	-	-	-	-	-	-
18-Dec-25	14.65	594.30	9.5	795.0	7.48	182.6	4.82	7.03	485	3.55	1.05	0.229	133000	0.632
24-Mar-26	15.80	593.15	7.6	551.0	8.88	150.4	1.03	7.29	362 B	2.63	1.46	0.100 U	80500	0.533

Notes:

Top of casing elevation (feet NAVD88): 608.95

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
DRY	Well went dry during sampling. Unable to collect sample.
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2g: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations Monitoring Well MW-7A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
13-Oct-21	13.61	579.08	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10-Jan-22	4.73	587.96	7.00	467	5.45	197.0	2.99	7.34	419	3.89	2.07	0.1 U	98000	1.04
21-Mar-22	3.21	589.48	7.3	691	6.38	66.2	1.52	7.46	632	6.23	2.88	0.071 J	179000	1.34
22-Jun-22	7.45	585.24	12	541	1.88	107.5	0.47	7.21	387	2.91	1.78	0.1 U	65500	1.19
14-Sep-22	16.9	575.79	13.6	548	4.46	141	0.5	6.31	444	1.63	1.49	0.1 U	54000	1.16
14-Dec-22	12	580.69	8	514	5.35	170.1	0.41	7.07	335	1.64	1.18	0.1 U	42700	0.798
17-Mar-23	8.90	583.79	5.3	755	2.7	205.3	0.85	7.16	412	1.51	1.45	0.1 U	55300	0.774
28-Jun-23	14.57	578.12	13	561	0.46	119.6	0.42	6.83	364	0.785	1.24	0.407	26200	1.02
7-Sep-23	17.51	575.18	12	868	4.05	44	0.47	6.87	493 J-	1.3	1.43	0.0513 U	35100	1.07
15-Dec-23	2.53	590.16	9.2	1163	6.27	354.3	4.79	7.22	577	4.03	1.95	0.103 U	113000	1.25
6-Mar-24	6.52	586.17	6.4	850	7.35	254.1	0.66	7.24	588	3.01	2.14	0.103 U	111000	0.97
17-Jun-24	12.25	580.44	11.8	810	6.53	154.4	0.35	6.83	405	0.924	1.44	0.103 U	29800	0.996
17-Sep-24	16.38	576.31	15.2	762	7.57	175.9	2.53	6.97	445	1.29	1.7	0.103 U	28100	1.31
12-Dec-24	10.61	582.08	7.1	378	6.21	45.9	2.16	7.13	288 B	1.81	1.11	0.100 U	32600	0.578
27-Mar-25	4.19	588.50	7	667.8	1.47	117.6	3.87	7.06	397	0.628	1.43	0.2 U	23400	0.552
10-Jun-25	14.10	578.59	12	755	1.38	79.8	1.98	6.95	401	0.95 J	1.64	0.5 U	39600	1.09
18-Sep-25	17.66	575.03	14.1	887	2.28	-399.8	1.89	6.57	473	1	1.39	0.5 U	33300	1.3
31-Dec-25	1.96	590.73	10.0	512.0	4.36	119.5	1.03	6.94	304	1.91	1.08	0.100 U	41800	0.830
27-Mar-26	0.55	592.14	7.1	378.0	6.21	46.9	2.16	7.13	288 B	1.81	1.11	0.100 U	32600	0.578

Notes:

Top of casing elevation (feet NAVD88): 592.69

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
DRY	Well went dry during sampling. Unable to collect sample.
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2h: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations Monitoring Well MW-8A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
13-Oct-21	23.91	577.58	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6-Jan-22	13.55	587.94	9.5	670	3.99	239.1	4.50	7.05	595	5.21	6.64	0.1 U	169000	3.87
21-Mar-22	12.11	589.38	8.0	587	7.13	45	3.32	7.71	536	4.76	7.48	0.1 U	163000	3.84
22-Jun-22	16.4	585.09	9.4	773	2.99	96	0.94	7.22	699	5.17	8.13	0.1 U	197000	4.73
12-Sep-22	26	575.49	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13-Dec-22	21.16	580.33	10.4	1011	6.13	122.1	1.22	7.07	721	4.53	5.37	0.1 U	205000	3.61
17-Mar-23	17.86	583.63	9.2	1216	4.6	214.5	0.8	7.19	714	4.71	7.2	0.1 U	218000	4.22
28-Jun-23	24.08	577.41	10.2	845	1.85	176.3	0.58	7.19	656	4.03	5.91	0.1 U	189000	3.62
7-Sep-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15-Dec-23	11.34	590.15	9.8	1434	5.3	348.7	6.22	6.89	760	4.1	5.52	0.148 J	220000	3.64
6-Mar-24	15.41	586.08	8.3	926	8.1	304.5	0.74	7.06	622	4.93	6.67	0.103 U	159000	3.44
17-Jun-24	21.53	579.96	10.1	1378	8.54	167.8	0.83	7.14	719	4.28	5.97	0.103 U	195000	3.38
17-Sep-24	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12-Dec-24	10.33	DRY	-	-	-	-	-	-	454	3.91	4.88	0.100 U	132000	2.47
27-Mar-25	13.05	588.44	8.4	136.9	8.80	147.60	3.30	7.01	477	3.02	4.54	0.2 U	131000	2.25
10-Jun-25	23.52	577.97	-	-	-	-	-	-	487	3.11	4.55	0.5 U	116000	2.57
15-Sep-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19-Dec-25	8.00	593.49	9.9	812.0	6.40	215.9	11.80	6.96	468	4.06	4.85	0.200 U	134000	3.43
31-Mar-26	10.33	591.16	-	-	-	-	-	-	454	3.91	4.88	0.100 U	132000	2.47

Notes:

Top of casing elevation (feet NAVD88): 601.49

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
DRY	Well dry; unable to collect field parameters or samples
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2i: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-9A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Oct-21	4.38	692.91	12.20	956	1.45	-93.2	2.70	7.11	981 J-	0.659	4.79	0.139	16000	1.2
7-Jan-22	2.45	694.84	8.50	381	4.86	189.9	1.43	6.95	404	0.181 J	1.02	0.056 J	2910	1.03
18-Mar-22	2.38	694.91	8.50	423	5.19	138.3	1.17	7.16	403	0.154 J	0.788	0.1 U	2470	0.776
22-Jun-22	2.38	694.91	10.5	485.8	4.42	72.8	0.85	6.89	399	0.244	0.656	0.052 J	2130	0.916
14-Sep-22	8.7	688.59	13.5	509	3.84	130.2	1.09	6.44	441	0.154 J	1.05	0.1 U	2780	1.13
14-Dec-22	2.5	694.79	8	413.5	7.42	135.6	0.53	6.91	328	0.132 J	0.599	0.1 U	1630	0.867
16-Mar-23	2.39	694.9	6.6	556.2	5.25	120.9	1.6	6.85	337	0.119 J	0.508	0.1 U	1660	0.812
27-Jun-23	5.19	692.1	11.1	468.4	2.6	44.3	7.31	6.72	379	0.123 J	0.832	0.5 U	2120	1.3
8-Sep-23	11.47	685.82	Insufficient depth of water to sample											
13-Dec-23	2.48	694.81	9.1	623	6.85	127.8	3.2	6.4	297	0.202 U	0.47	0.103 U	1420	0.846
7-Mar-24	2.58	694.71	7.6	610	6.61	186.2	1.46	6.89	360	0.202 U	0.436	0.103 U	1790	0.64 J
17-Sep-24	7.55	689.74	13.2	593	7.28	161.8	1.02	6.96	321	0.234 J	0.54	0.103 U	2350	1
12-Dec-24	2.92	694.37	8.4	368.4	7.59	61	2.08	6.64	334 B	0.150 U	0.411	0.100 U	2280	0.673
24-Mar-25	2.54	694.75	8.7	551.8	3.64	115.5	2.68	6.73	358	0.3 U	0.358 J	0.2 U	1650	0.636
9-Jun-25	4.37	692.92	13	558	1.73	90.8	0.82	6.96	318	0.75 U	0.5 U	1.76	2280	0.74 J
16-Sep-25	12.56	684.73	14.6	786	4.26	-347.5	-	6.87	-	-	-	-	-	-
19-Dec-25	2.60	694.69	9.2	554.0	8.32	224.4	4.81	6.88	469	0.176 J	0.443	0.100 U	2390	0.962
26-Mar-26	2.92	694.37	8.4	368.4	7.59	61	2.08	6.64	334 B	0.150 U	0.411	0.100 U	2280	0.673

Notes:

Top of casing elevation (feet NAVD88): 697.29

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2j: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Monitoring Well MW-10A

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)				
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Oct-21	19.04	678.98	10.7	390	4.24	-115.0	27.80	7.93	383 J-	0.705	4.04	0.383	9700	2.87
6-Jan-22	5.55	692.47	9.3	168	7.06	94.6	6.90	7.50	141	0.151 J	1.13	0.109	2660	1.03
17-Mar-22	5.39	692.63	9.4	151	7.12	95.1	6.21	6.50	139	0.2 U	0.91	0.061 J	1880	0.807
21-Jun-22	5.89	692.13	11.5	114.9	7.92	191.1	4.48	6.80	116	0.2 U	0.764	0.081 J	1150	1.02
13-Sep-22	14.24	683.78	12	221.3	6.64	189.1	3.74	6.78	195	0.201	1.54	0.082 J	2350	1.56
13-Dec-22	14.93	683.09	9.8	395.9	4.71	179.4	5.19	7.34	200	0.173 J	1.3	0.1 U	2060	1.1
15-Mar-23	5.64	692.38	8.4	179.4	8.78	145.7	2.07	6.85	108	0.2 U	0.541	0.1 U	892	0.727
26-Jun-23	9.63	688.39	11.1	102.6	9.22	143.6	4.69	6.19	108	0.2 U	0.579	0.168 J	823	1
6-Sep-23	17.39	680.63	10.6	335	2.5	-26.6	4.58	7.51	205 J-	0.224	1.45	0.12	2310	1.4
13-Dec-23	6.01	692.01	10.3	247.7	9.01	154.4	4.23	6.3	111	0.202 U	0.596	0.103 U	977	0.746
5-Mar-24	5.33	692.69	8.9	180.6	9.04	162.6	5.3	6.31	106	0.202 U	0.44	0.103 U	777	0.556 U
17-Jun-24	7.15	690.87	9.8	197.4	12.65	198.6	3.18	6.4	115	0.202 U	0.548	0.104 J	883	0.806
17-Sep-24	15.56	682.46	10.7	287.2	8.25	153	0.87	6.7	182	0.202 U	1.2	0.103 U	1770	1.34
9-Dec-24	5.86	692.16	9.7	199.4	19.79	44.1	2.45	7	136	0.150 U	0.435	0.0680 U	841	0.89
24-Mar-25	5.14	692.88	9.8	183.3	8.76	104	6.03	6.48	113	0.3 U	0.39 J	0.2 U	862	0.666
9-Jun-25	9.25	688.77	13.2	176	8.27	106.7	1.91	6.88	107	0.75 U	0.5 U	0.5 U	758	0.71 J
15-Sep-25	18.51	679.51	11	381.2	1.4	445.9	0.87	6.97	194	0.75 U	0.945 J	0.5 U	1920	1.2
17-Dec-25	5.63	692.39	9.9	183.4	9.56	129.5	2.64	6.55	134	0.150 U	0.458	0.100 U	848	0.889
27-Mar-26	5.60	692.42	9.7	126.4	9.47	98	3.48	6.67	108 B	0.150 U	0.435	0.100 U	820	0.720 J

Notes:

Top of casing elevation (feet NAVD88): 698.02

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 2k: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations Still Well

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-Feb-05	8.1	10658	-	-	6.59	12.87	2860	-	49.9	5.52	-	-
9-Mar-05	13.23	7393	-	-	7.42	12.51	2860	-	115	14.7	-	-
5-Apr-05	9.5	11310	-	-	10.9	12.44	2900	-	55.6	11.6	-	-
10-May-05	13.99	11871	-	-	3.6	12.53	2810	-	55.4	12.5	-	-
7-Jun-05	13.83	10888	-	-	22.6	12.54	2490	-	5 U	5 U	-	-
15-Jul-05[a]	18.21	11331	-	-	14.8	12.5	3800	-	2.72	6.07	-	-
15-Jul-05[b]	-	-	-	-	-	-	2540	-	39.8	7.57	-	-
9-Aug-05[a]	21.45	12087	-	-	17.9	11.78	3500	-	120	10.9	-	-
9-Aug-05[b]	-	-	-	-	-	-	2820	-	91.5	9.53	-	-
14-Sept-05[a]	17.38	9507	-	-	14	12.36	3600	-	118	11.2	-	-
14-Sept-05[b]	-	-	-	-	-	-	2830	-	115	14.4	-	-
5-Oct-05	13.31	11481	-	-	62.7	12.47	3020	-	85.2	11.9	-	-
9-Nov-05	9.58	14417	-	-	11	12.34	3400	-	74	10 U	-	-
9-Dec-05	6.18	7138	-	-	12.5	12.82	2800	-	14.5	1.07	-	-
19-Jan-06	8.66	8265	1.74	-	11.8	13.06	1900 J	-	15.2 J	1 U	-	-
16-Feb-06	8.13	9019	2.81	195.6	6.16	12.27	3200 J	-	13.4 J	1.89	-	-
15-Mar-06	7.98	9033	0.79	114.8	8.93	12.6	3300 J	-	2.36	2.5 J	-	-
7-Apr-06	9.98	10450	0.57	34.8	6.08	12.51	3400	-	15.2	2.83	-	-
16-May-06	12.79	11060	0.14	45.4	9.28	12.4	3500	-	4.04	1.59	-	-
23-Jun-06	13.29	11680	0.44	-	14.6	12.9	3600	-	52.6	16.5	-	-
20-Jul-06	16.2	12240	0.14	-217.8	10.4	12.47	4300	-	19.3	3.57	-	-
22-Aug-06	17.14	10920	1.22	-146	13.3	12.66	3800	-	144	9.14 J	-	-
26-Sep-06	15.72	9599	0.42	-263.3	61.4	12.59	3800	-	123	4.63	-	-
15-Nov-06	10.58	12040	1.82	149.2	188	12.87	3400	-	30.6 J	4.5	-	-
20-Dec-06	8.85	10990	0.71	-152	32.8	13.02	2600 J	-	52.6	13	-	-
24-Jan-07	8.29	10440	0.97	-139.8	13.7	13.05	2500 J	-	58.6	13.1	-	-
12-Feb-07	8.88	10590	0.86	-125.8	56.4	13.06	3400	-	61.3	14	-	-
27-Mar-07	9.45	9163	1.25	-42.4	18.4	11.53	2900 J	-	44.1	1.81	-	-
18-Apr-07	8.9	8155	2.63	2.3	37.2	12.77	3300 J	-	29.3	1.98	-	-
31-May-07	20.12	11050	5.3	-153.9	9.31	11.59	2800 J	-	48.5	15.1 J	-	-
20-Jun-07	18.28	12000	5.41	-122.5	16.1	12.04	4300 J	-	26.8	2.33	-	-
31-Jul-07	16.53	12200	1.7	-151.6	24.8	12.48	6000	-	87.6	1.03	-	-
29-Aug-07	17	9570	1.12	-183.1	268	12.78	4600 J	-	106	9.46	-	-
27-Sep-07	14.49	8263	52.4	-183	211	12.42	2800	-	125	15.4	-	-
26-Oct-07	9.49	6144	4.88	-147.2	92.4	12.85	3300 J	-	124	24.9	-	-
30-Nov-07	5.53	7703	2.13	-122.6	127	12.67	2200	-	174	14.1	-	-
12-Dec-07	5.24	11609	3.43	-144.8	116	12.6	4100	-	110	11.3	-	-
24-Jan-08	3.73	9649	13.81	-138	-	10.74	2500	-	101	9.74	-	-
28-Feb-08	-	-	-	-	51.2	-	2900	-	58.5	12.6	-	-
25-Mar-08	7.06	8623	5.52	-11.2	17.4	11.26	3400	-	74.3	10.4	-	-
29-Apr-08	9.74	11332	4.29	-1.3	27.7	12.82	3000 J	-	76.6	13.3	-	-
20-May-08	14.53	11955	1.74	-35.8	72.7	12.82	3400	-	87.3	15.1	-	-
18-Jun-08	12.77	10267	3.34	-27	34	12.86	3200 J	-	63.2	16.9	-	-
26-Aug-08	15.86	7703	1.06	-72.8	38.3	12.67	2600 J	-	430	35	759000	-
20-Nov-08	9.59	8762	0.91	-65.6	74.1	13.32	3500	-	70	16.8	848000	-
12-Feb-09	3.25	554	14.29	-	108	13.03	550	-	47.2	13.7	551000	-
19-May-09	11.53	276	8.8	26	43.4	9.83	2500 J	-	37.8	15	689000	-
22-Sep-09	12.47	9760	1.5	159.1	625	12.47	3000	-	160	37	990000	-
15-Dec-09	5.2	11650	1.9	237	26.3	12.85	3000	-	86	21	900000 J	-
22-Mar-10	9.7	1035	-	182	19.4	12.58	3000	-	73	17	870000	-

Table 2k: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations
Still Well

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
17-Jun-10	11.7	9610	0.08	-	6.59	12.48	2700	-	66	15	780000	-
21-Sep-10	15	6710	1.26	152.6	140	12.29	2400	-	300	39	570000	-
8-Dec-10	8.3	10110	1	-	5.44	12.63	2600	-	64	10	860000	-
30-Mar-11	8.6	4810	0.46	136.3	13.7	14.31	2500 J	-	65	9.6	720000	-
21-Jun-11	16.6	10420	1.63	111.9	3.4	12.36	5200	-	60	9.1	770000	-
28-Sep-11	14.8	5270	2.34	70	66.7	12.17	2200	-	220	11	1000000	-
15-Dec-11	6	7330	2.47	104.2	18.3	13.09	2800	-	83	2.9	880000	-
21-Mar-12	5.5	11040	3.15	294.2	12	12.39	2600	-	67	4.7	760000	-
19-Jun-12	5.5	11040	3.15	294.2	12	12.39	2600	-	58	6.7	690000	-
20-Sep-12	16.1	9560	3.27	76	10.7	12.35	2900	-	84	3	830000	-
19-Dec-12	4.1	1320	10.11	303.1	5.86	9.69	700	-	75	4.3	250000	-
26-Feb-13	7.3	9950	1.77	161.8	25.5	12.66	2000	-	70	0.29 J	720000	-
23-May-13	11.5	8040	2.23	266.8	22.7	12.47	2500	-	57	3.4	690000	-
22-Aug-13	17.4	8810	2.42	10.8	38.5	12.79	2590	-	57.8	1.5	863000	-
19-Nov-13	9	7090	2.47	79	62.8	12.54	2720	-	52.5	4.2	909000	-
1-Apr-14	10.3	6080	0.55	128.2	37.1	6.08	1890	-	54.6	1.1	687000	-
22-May-14	13.6	7360	1.22	34.4	-	11.75	2330	-	60.9	2	689000	-
13-Aug-14	18.26	7844	0.33	1.2	7.3	12.53	2770	-	70	2.1	849000	-
12-Nov-14	9	585	3.17	-47.8	17.5	12.93	2450	-	83.2	3.9	837000	-
12-Feb-15	10.7	7540	2.68	-18.6	9.64	12.71	2150	-	51.6	0.3	690000	-
4-May-15	12.9	9140	2.73	110.4	26.8	13.02	2520	-	54.6	0.22 J	734000	-
5-Aug-15	19.5	8060	2.58	-29.8	61.1	12.62	2980	-	63.9	1.7	898000	-
3-Nov-15	11.1	5150	0.37	38.6	171	8.93	1840	-	109	21.7	747000	-
9-Feb-16	9.7	7390	0.78	80.8	7.79	13.07	2170	-	53.6	1.2	601000	-
3-May-16	14.7	7530	1.4	358.1	2.65	12.98	2480	-	54.2	1.7 J-	711000	-
22-Aug-16	20.5	7.91	2.1	-	59	12.95	2780	-	91.3	5.87	831000	-
1-Nov-16	12.3	2884	2.66	-72.1	19.1	13.17	2620	-	46.2	9.64	841000	-
31-Jan-17	7.4	8510	2.37	-167	7.35	13.17	2050	-	52.5	1.19	582000	-
31-May-17	14.6	7500	2.44	-	4.17	12.89	1900	-	45.4	0.68 J+	615000	-
17-Aug-17	18.3	8460	3.35	-84	15.9	12.79	2680	-	56.8	2.14	750000	-
9-Nov-17	8.2	7215	3.48	90.9	18.2	12.65	2360	-	62.1	3.52	822000	-
27-Feb-18	6.6	5312	3.75	2.3	2.49	12.11	1970	-	50.2	7.53	521000	-
2-May-18	11.1	8260	1.7	-	13	12.92	2360	-	43.4	21.7 J+	552000	-
21-Aug-18	20.22	6260	4.71	-42.1	5.84	12.58	2100	-	52.2	0.138	629000	-
7-Nov-18	9.7	995	6.72	126.8	20.6	9.15	1880	-	644	80.2	502000 J+	-
11-Mar-19	10.6	1354	5.93	-18.7	7.19	10.31	1710	-	52.8	21.2	501000	-
9-May-19	13.8	6973	6.4	18.1	16.7	12.36	1980	-	41.6	13.4	521000	-
26-Aug-19	17.8	6405	3.91	Note 1	5.15	12.56	2570	-	42.5	15.4	722000	-
14-Nov-19	9.7	6065	0.41	-53.3	12	12.67	1750	-	167	23.9	563000	-
13-Feb-20	7.6	4936	0.37	-139	2.56	12.66	1630	-	48.6	6.08	490000	-
13-Aug-20	15	6817	2.55	-42.8	2.02	12.39	2620	-	41.9	0.86	659000	-
10-Dec-20	8.8	4534	0.55	-26.2	5.87	12.79	1670	-	82.7	11.1	510000	-
4-Mar-21	7.7	4728	0.05	-42	0.85	11.94	1470	-	61.8	1.49	512000	-
9-Jun-21	13.4	5213	0.89	-148.4	4.06	12.56	1600	-	91.7	5.72	471000	-
13-Oct-21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7-Jan-22	8.8	4103	2.53	55.4	3.04	12.88	1900	8.39	50.3	4.26	486000	3.34
17-Mar-22	9	4955	7.42	153.1	1.88	13.71	2070	8.23	51.7	5.88	517000	3.02
21-Jun-22	15.4	5090	2.53	156.3	3.4	11.96	2180	9.34	51.6	3.08	465000	3.7
14-Sep-22	16.6	6728	6	68	44.5	12.33	2480	7.82	52.3	6.96	669000	3.47
13-Dec-22	7.7	1419	7.42	-92.9	9.97	11.6	967	71	125	9.95	309000	11.1

Table 2k: Lower Disposal Area - Shallow Groundwater Geochemical Parameters and Concentrations Still Well

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
15-Mar-23	7.5	7393	3.03	77	42	12.72	2070	10.1	39.1	6.26	478000	3.06
28-Jun-23	15.6	6301	2.79	-109.2	3.74	12.33	2240	27.6	42.1	0.977	450000	4.49
6-Sep-23	17.2	5942	2.55	-53.7	10.5	12.46	1740 J-	271	78.5	4.35	541000	18.1
15-Dec-23	10.3	4630	9.48	81.6	6.81	12.38	1120	25.5	35.8	4.91	367000	2.87
5-Mar-24	8.3	7467	8.51	-23	9.33	12.39	1700	7.25	50.1	4.7	434000	2.9
18-Jun-24	13.4	5636	10.88	95	3.5	12.21	1700	16.8	48.5	5.82	408000	2.88
17-Sep-24	14.6	3389	8	165.4	18.6	12.49	1640	65.7	35.9	5.94	453000	4.82
9-Dec-24	8.5	6405	58.07	14.8	7.24	12.33	1310	24.2	45.7	3.47	404000	2.68
24-Mar-25	9.5	6490	0.76	212.8	9.89	12.47	1700	5.14	45.1	0.77	375000	2.11
11-Jun-25	16.1	7004	0.91	-124	4.67	12.54	1450	23.2	42.7	1.00 U	408000	2.49
15-Sep-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17-Dec-25	10.7	4617	7.86	4.9	3.11	11.8	1810	16.9	30.9	20.8	426000	3.02
24-Mar-26	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Notes:

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not analyzed or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the
a	North Creek Analytical, Inc.
b	Severn Trent Laboratories
c	CUL provided in Remedial Investigation Report (WSP 2025)
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit

Table 3a: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
19-Dec-06	26.51	678.17	10.96	546	0.43	-115.4	1.05	7.70	310	151	1 U	-
14-Feb-07	26.08	678.60	10.62	397	1.02	-90.8	3.07	7.53	240	160	1 U	-
31-May-07	25.96	678.72	10.83	386	0.36	-172.8	4.20	8.20	220	122	1 U	-
27-Aug-07	25.66	679.02	10.97	372	0.76	-128.2	1.08	7.51	240	89.9	1 U	-
28-Nov-07	26.81	677.87	10.56	371	0.42	-121.2	1.29	8.03	220	88.3	1 U	-
27-Feb-08	25.80	678.88	10.62	371	2.01	-	1.07	-	230	80.9	1 U	3000 U
20-May-08	25.62	679.06	10.61	391	0.36	-53.0	1.11	7.28	230	64.3	1 U	-
27-Aug-08	26.14	678.54	10.58	394	0.50	-63.9	1.02	7.35	230 J	64	1 U	3000 U
19-Nov-08	25.16	679.52	10.33	269	0.45	-88.6	0.48	7.51	230	59.6	1 U	3000 U
11-Feb-09	25.08	679.60	10.04	268	0.48	-	0.97	7.89	230	56	1 U	3000 U
18-May-09	24.83	679.85	10.10	271	0.42	-50.5	1.81	8.05	230 J	46.6	1 U	3000 U
24-Sep-09	26.32	678.36	11.80	323	0.24	202.0	3.59	7.57	260	27	2 U	1100 J
17-Dec-09	25.06	679.62	10.10	370	0.94	179.0	4.16	7.77	<40	34	2 U	1200 J
23-Mar-10	24.83	679.85	10.90	344	0.21	397.4	3.17	7.57	240	25	2 U	1300 J
15-Jun-10	24.38	680.30	10.50	355	0.08	195.5	0.42	7.66	150	27	2 U	1100 J
20-Sep-10	25.74	678.94	10.50	354	0.06	192.9	0.20	7.65	200	22	2 U	1100 J
6-Dec-10	24.59	680.09	10.00	347	0.09	99.3	0.17	7.86	230	22	2 U	1000 J
28-Mar-11	24.01	680.67	10.00	173	0.16	90.6	0.88	7.58	200	22	2 U	1000 J
20-Jun-11	24.11	680.57	10.30	330	0.07	121.5	0.17	7.65	250	22	2 U	900 J
26-Sep-11	25.39	679.29	10.40	2906	0.06	123.6	0.43	7.65	280	15	2 U	1100 J
14-Dec-11	24.61	680.07	9.90	245	0.10	193.8	1.76	7.57	230	21	2 U	1200 J
21-Mar-12	23.70	680.98	10.10	392	0.07	392.0	0.22	7.47	240	23	2 U	1100 J
18-Jun-12	23.90	680.78	10.50	383	0.02	342.8	0.30	7.67	230	20	0.4 U	3300 U
18-Dec-12	23.59	681.09	10.10	492	0.00	-45.7	0.16	7.70	92	17	0.4 U	1200 J
25-Feb-13	23.73	680.95	9.90	377	0.00	177.1	0.37	7.53	270 J	19	0.4 U	1000 J
22-May-13	23.85	680.83	9.90	398	0.00	430.4	0.44	7.73	290	17	0.4 U	3300 U
21-Aug-13	25.34	679.34	10.40	467	0.01	-31.7	0.55	7.68	238	16.8	0.08 J	1060
19-Nov-13	24.25	680.43	10.10	361	0.00	70.3	0.32	7.30	232	15.7	0.1 U	1040
31-Mar-14	22.36	682.32	10.70	286	0.01	107.4	0.21	7.79	211	13.8	0.1 U	1020
21-May-14	23.29	681.39	8.54	271	1.35	54.3	-	7.14	198	13.1	0.1 U	1000
12-Aug-14	24.87	679.81	14.79	335	0.41	-16.0	2.02	7.05	216	11.9	0.1 U	1010
11-Nov-14	24.96	679.72	10.10	262	0.79	11.1	1.51	7.49	221	13.6	0.1 U	1090
10-Feb-15	23.23	681.45	10.40	319	0.25	-114.0	0.36	7.70	240	13.3	0.1 U	960
4-May-15	23.62	681.06	10.20	370	0.05	175.1	0.16	7.70	224	11.7	0.1 U	960
4-Aug-15	25.30	679.38	11.00	279	0.06	-30.5	0.72	7.72	234	14.4	0.1 U	990
4-Nov-15	25.35	679.33	10.60	263	0.00	51.2	0.46	7.46	233	11	0.1 U	1150
8-Feb-16	23.03	681.65	10.20	319	0.03	206.5	0.20	7.77	210	12.1	0.1 U	1050
2-May-16	23.49	681.19	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-16	25.00	679.68	11.10	323	0.02	-55.2	1.10	7.64	Monitored Annually[1]			

Table 3a: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
1-Nov-16	24.29	680.39	Monitored Semi-Annually[1]						Monitored Annually[1]			
31-Jan-17	23.06	681.62	10.20	391	0.05	169.3	0.13	7.66	223	11.9	0.1 U	1030
30-May-17	22.45	682.23	Monitored Semi-Annually[1]						Monitored Annually[1]			
16-Aug-17	24.27	680.41	10.70	385	0.15	123.4	0.40	7.64	Monitored Annually[1]			
9-Nov-17	33.92	680.27	Monitored Semi-Annually[1]						Monitored Annually[1]			
28-Feb-18	22.04	682.64	10.10	276	0.20	-96.4	0.25	7.44	221	10.8	0.1 U	951
1-May-18	22.11	682.57	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-18	24.42	680.26	11.37	277	5.25	-59.6	0.18	7.61	Monitored Annually[1]			
6-Nov-18	24.57	680.11	Monitored Semi-Annually[1]						Monitored Annually[1]			
11-Mar-19	22.61	682.07	10.10	248	0.60	-70.8	0.68	7.60	224	8.74	0.1 U	1070
8-May-19	22.68	682.00	Monitored Semi-Annually[1]						Monitored Annually[1]			
27-Aug-19	24.54	680.14	11.45	282	0.58	Note 1	0.04	7.30	Monitored Annually[1]			
13-Nov-19	24.15	680.53	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Feb-20	22.04	682.64	10.10	280	0.34	-133.4	0.57	7.51	207	8.82	0.1 U	1050
13-Aug-20	23.92	680.76	11.00	284	0.60	-113.5	0.44	7.55	Monitored Annually[1]			
9-Dec-20	23.35	681.33	Monitored Semi-Annually[1]						Monitored Annually[1]			
5-Mar-21	22.01	682.67	10.20	266	0.04	-50.0	0.42	7.64	214	10.5	0.1 U	1120
10-Jun-21	23.17	681.51	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Oct-21	24.41	680.27	10.90	327.2	0.91	-76.1	0.33	7.48	Monitored Annually[1]			
5-Jan-22	22.00	682.68	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Mar-22	21.89	682.79	10.7	259.6	1.24	-60.4	0.22	6.52	220	8.2	0.1 U	925
21-Jun-22	21.58	683.1	Monitored Semi-Annually[1]						Monitored Annually[1]			
12-Sep-22	23.51	681.17	11.3	263.3	2.86	-7.4	0.37	6.76	Monitored Annually[1]			
12-Dec-22	23.51	681.17	Monitored Semi-Annually[1]						Monitored Annually[1]			
15-Mar-23	22.00	682.68	10.3	372.2	0.17	-86.5	0.13	7.66	221	8.35	0.1 U	864
27-Jun-23	22.85	681.83	Monitored Semi-Annually[1]						Monitored Annually[1]			
6-Sep-23	24.14	680.54	11.6	385.5	2.01	-50.9	1.44	7.73	Monitored Annually[1]			
15-Dec-23	22.74	681.94	Monitored Semi-Annually[1]						Monitored Annually[1]			
4-Mar-24	21.68	683	10.2	320.6	3.65	-29.8	0.3	7.38	243 J	9.13	0.103 U	857
18-Jun-24	22.16	682.52	Monitored Semi-Annually[1]						Monitored Annually[1]			
18-Sep-24	23.85	680.83	11	363.3	7.57	131.2	0.42	7.49	Monitored Annually[1]			
9-Dec-24	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
26-Mar-25	21.47	683.21	11.9	369.3	0.37	62.2	3.28	7.35	222	6.55	0.2 U	933

Table 3a: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
11-Jun-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Sep-25	24.41	680.27	13.4	399.7	0.96	-567.4	0.2	7.28	Monitored Annually[1]			
18-Dec-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
26-Mar-26	21.24	683.44	10.4	271.9	0.13	49.4	0.25	7.3	227 B	7.35	0.100 U	881

Notes:

Top of casing elevation (feet NAVD88): 704.68

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
-	Not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 3b: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
19-Dec-06	36.82	704.84	12.15	394	0.57	114.6	1.84	7.58	230	8.49	1 U	-
14-Feb-07	36.30	705.36	11.69	339	1.40	-85.7	2.72	7.39	200	6.09	1 U	-
31-May-07	36.93	704.73	12.13	346	0.20	-223.7	3.04	8.28	210	6.95	1 U	-
27-Aug-07	37.99	703.67	12.18	336	0.49	-169.7	0.84	7.54	210	7.49	1 U	-
28-Nov-07	37.89	703.77	11.82	338	0.28	-146.6	1.32	7.93	250	6.91	1 U	-
27-Feb-08	37.24	704.42	11.87	340	0.23	-	0.87	7.41	210	7.46	1 U	3000 U
20-May-08	37.31	704.35	11.91	359	0.23	-86.6	0.67	7.27	200	6.31	1 U	-
27-Aug-08	38.37	703.29	11.84	362	0.35	-77.6	0.70	7.21	210 J	6.36	1 U	3000 U
19-Nov-08	37.50	704.16	11.53	254	0.44	-105.9	2.08	7.45	200	5.86	1 U	3000 U
11-Feb-09	37.10	704.56	11.25	254	0.48	-	0.63	7.91	220	5.61	1 U	3000 U
18-May-09	37.00	704.66	11.42	258	0.42	-71.9	1.11	8.00	210 J	5.17	1 U	3000 U
25-Sep-09	38.88	702.78	13.10	297	0.14	140.7	3.09	7.54	230	6.5	2 U	1200 J
17-Dec-09	37.19	704.47	10.80	341	0.51	129.0	4.85	7.71	74	4.3	2 U	1100 J
23-Mar-10	36.60	705.06	12.60	323	0.27	355.0	5.28	7.54	110	7.6	2 U	1200 J
15-Jun-10	36.25	705.41	11.40	326	0.08	171.1	-	7.62	98	8.8	2 U	1100 J
20-Sep-10	37.85	703.81	11.60	324	0.08	144.0	0.16	7.61	160	6.5	2 U	1200 J
6-Dec-10	36.60	705.06	11.00	319	0.21	78.3	0.20	7.81	210	2.9	2 U	900 J
29-Mar-11	35.98	705.68	11.20	156	0.15	215.0	0.75	7.48	200	5.6	2 U	1500 J
21-Jun-11	36.34	705.32	11.80	352	0.06	101.5	0.24	7.59	220	5 U	2 U	1000 J
27-Sep-11	38.14	703.52	11.50	2484	0.06	114.4	0.45	7.60	220	5 U	2 U	1000 J
14-Dec-11	36.91	704.75	11.00	228	0.05	127.2	4.04	7.54	190	6.7	2 U	1200 J
21-Mar-12	35.68	705.98	11.00	359	0.05	93.9	0.30	7.43	210	6.9	2 U	1100 J
18-Jun-12	36.06	705.60	11.70	350	0.02	211.9	0.23	7.62	220	6.2	0.4 U	3300 U
18-Dec-12	34.88	706.78	10.90	463	0.00	-97.8	0.17	7.81	68	6	0.4 U	1200 J
25-Feb-13	35.70	705.96	10.90	347	0.09	112.6	0.27	7.56	190	6.6	0.4 U	1100 J
22-May-13	36.24	705.42	11.00	412	0.00	412.5	0.43	7.71	190	6	0.4 U	3300 U
20-Aug-13	38.13	703.53	12.20	406	0.02	-41.5	0.64	7.48	211	5.5	0.1 U	1030
19-Nov-13	36.56	705.10	11.10	344	0.01	43.6	0.32	7.35	206	5.2	0.1 U	1090
31-Mar-14	35.36	706.30	11.50	285	0.00	93.1	0.31	7.71	207	5.1	0.1 U	1100
22-May-14	35.80	705.86	10.05	260	0.24	17.5	-	7.22	186	5	0.1 U	1000
13-Aug-14	37.50	704.16	13.10	294	0.57	-37.5	3.28	7.19	190	5.4	0.1 U	1110
11-Nov-14	37.06	704.60	10.10	241	0.68	-39.7	2.10	7.48	206	5.4	0.1 U	1090
10-Feb-15	35.70	705.96	11.40	295	0.11	-123.2	2.11	7.69	206	5.1	0.1 U	1020
4-May-15	36.34	705.32	11.70	336	0.05	340.2	0.72	7.73	204	4.8	0.1 U	1040
4-Aug-15	38.42	703.24	12.70	263	0.04	-81.8	0.77	7.72	204	5.8	0.1 U	1040
4-Nov-15	37.81	703.85	11.60	244	0.04	26.9	2.13	7.45	201	4.7	0.1 U	1070
8-Feb-16	35.68	705.98	11.60	307	0.00	208.4	0.74	7.68	186	5.5	0.1 U	1110
2-May-16	36.03	705.63	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-16	37.92	703.74	12.20	306	0.02	-137.6	1.58	7.67	Monitored Annually[1]			
1-Nov-16	37.07	704.59	Monitored Semi-Annually[1]						Monitored Annually[1]			
31-Jan-17	36.00	705.66	10.90	348	0.10	120.5	0.86	7.67	195	5.66	0.1 U	1110
30-May-17	35.44	706.22	Monitored Semi-Annually[1]						Monitored Annually[1]			
16-Aug-17	37.69	703.97	12.30	356	0.14	-77.2	3.27	7.67	Monitored Annually[1]			
9-Nov-17	37.11	704.55	Monitored Semi-Annually[1]						Monitored Annually[1]			

Table 3b: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
28-Feb-18	34.95	706.71	10.90	261	0.21	-115.5	0.80	7.48	205	5.69	0.1 U	992
1-May-18	35.11	706.55	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-18	37.90	703.76	12.31	262	1.64	-80.3	0.92	7.56	Monitored Annually[1]			
6-Nov-18	37.66	704.00	Monitored Semi-Annually[1]						Monitored Annually[1]			
12-Mar-19	35.68	705.98	10.70	239	0.58	-75.1	0.59	7.48	188	5.5	0.1 U	1080
8-May-19	35.86	705.80	Monitored Semi-Annually[1]						Monitored Annually[1]			
27-Aug-19	37.85	703.81	12.30	265	0.43	Note 1	0.02	7.46	Monitored Annually[1]			
13-Nov-19	37.22	704.44	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Feb-20	35.10	706.56	10.80	261	0.39	-135.9	0.96	7.50	185	5.45	0.1 U	1150
13-Aug-20	37.21	704.45	11.60	266	0.54	-118.2	1.35	7.50	Monitored Annually[1]			
9-Dec-20	36.55	705.11	Monitored Semi-Annually[1]						Monitored Annually[1]			
5-Mar-21	35.02	706.64	11.10	255	0.04	-80.0	2.29	7.65	176	5.52	0.1 U	1090
10-Jun-21	36.29	705.37	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Oct-21	37.76	703.90	11.70	308	3.66	-44.7	0.32	7.43	Monitored Annually[1]			
5-Jan-22	35.31	706.35	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Mar-22	34.52	707.14	11.6	244.3	2.84	-60.6	3.21	6.56	201	5.53	0.071 J	1060
21-Jun-22	34.7	706.96	Monitored Semi-Annually[1]						Monitored Annually[1]			
23-Sep-22	37	704.66	12.1	243.1	3.88	-17.8	0.54	7.47	Monitored Annually[1]			
12-Dec-22	36.41	705.25	Monitored Semi-Annually[1]						Monitored Annually[1]			
14-Mar-23	35.09	706.57	10.8	350.4	3.17	50.5	0.2	7.37	199	5.25	0.1 U	894
27-Jun-23	36.04	705.62	Monitored Semi-Annually[1]						Monitored Annually[1]			
6-Sep-23	37.74	703.92	12.9	354.5	1.99	-35.7	0.51	7.67	Monitored Annually[1]			
14-Dec-23	35.46	706.2	Monitored Semi-Annually[1]						Monitored Annually[1]			

Table 3b: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
6-Mar-24	34.60	707.06	10.8	320.7	5.8	84.9	0.52	7.39	218	5.24	0.103 U	952
18-Jun-24	35.20	706.46	Monitored Semi-Annually[1]						Monitored Annually[1]			
18-Sep-24	36.90	704.76	Monitored Semi-Annually[1]						Monitored Annually[1]			
9-Dec-24	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
27-Mar-25	34.36	707.3	11.2	337.3	0.7	75.1	2.86	7.22	202	5.42	0.2 U	981
11-Jun-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Sep-25	37.78	703.88	14.6	367.5	1.3	-529	0.45	7.25	Monitored Annually[1]			
18-Dec-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
26-Mar-26	33.92	707.74	11	255.1	0.22	43.3	0.31	7.27	192 B	5.88	0.100 U	1120

Notes:

Top of casing elevation (feet NAVD88): 741.66

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
-	Not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 3c: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations Monitoring Well MWB-3LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
19-Dec-06	7.08	737.11	11.37	670	0.42	-171.2	1.20	9.23	500	25.7	1 U	-
23-Jan-07	5.62	738.57	13.07	383	0.51	-275.0	1.53	8.63	270	18.4	1 U	-
14-Feb-07	5.81	738.38	12.57	328	1.09	-158.2	115.00	7.86	310	15.1	1 U	-
29-Mar-07	4.78	739.41	12.44	458	0.57	-140.8	4.25	7.78	260 J	37.9	1 U	-
17-Apr-07	4.86	739.33	12.79	389	0.27	-102.4	1.22	7.46	240	23	1 U	-
31-May-07	6.39	737.80	12.98	394	0.29	-223.8	3.32	8.14	240	21.2	1 U	-
20-Jun-07	6.86	737.33	13.41	412	6.10	-128.5	1.35	8.02	230 J	23.8	1 U	-
31-Jul-07	7.96	736.23	13.47	417	0.77	-174.1	0.92	7.64	250	18.9	1 U	-
27-Aug-07	8.50	735.69	12.84	395	0.46	-132.4	1.97	7.43	250	17.6	1 U	-
27-Sep-07	9.58	734.61	12.68	294	0.51	-133.8	0.53	7.87	250	19.3	1 U	-
26-Oct-07	9.65	734.54	12.49	288	0.84	-111.9	9.83	7.60	240 J	11	1 U	-
28-Nov-07	10.23	733.96	11.95	362	0.64	-86.1	1.58	7.87	200	17.8	1 U	-
12-Dec-07	9.66	734.53	11.83	334	0.26	-93.2	0.63	7.63	280 J	17.4	1 U	-
24-Jan-08	8.20	735.99	11.09	335	0.44	-108.3	-	7.46	220	19.2	1 U	-
26-Feb-08	7.61	736.58	12.26	337	0.48	-	2.40	7.45	210	22	1 U	3000 U
25-Mar-08	7.22	736.97	11.94	337	1.01	-48.6	2.80	7.51	210	17.8	1 U	-
29-Apr-08	6.75	737.44	12.53	332	0.77	-50.3	1.95	7.41	200 J	18.2	1 U	-
19-May-08	7.17	737.02	12.37	336	0.57	-57.2	2.19	7.34	200 J	18.7	1 U	-
18-Jun-08	7.26	736.93	12.11	323	0.48	-64.1	0.83	7.13	190 J	19.5	1 U	-
26-Aug-08	8.78	735.41	12.31	329	1.16	-36.5	2.89	7.30	200 J	17.7	1 U	3000 U
19-Nov-08	9.03	735.16	11.91	243	0.52	-93.1	1.69	7.40	190	18.2	1 U	3000 U
11-Feb-09	7.07	737.12	11.74	227	0.65	-	1.03	7.76	180	17.7	1 U	3000 U
18-May-09	6.50	737.69	12.11	225	0.67	-63.9	1.51	7.83	190 J	12.9	1 U	3000 U
17-Dec-09	8.39	735.80	11.50	301.0	0.44	110.0	3.10	7.71	270	23	2 U	1300 J
23-Mar-10	6.46	737.73	12.20	294.8	0.43	332.5	3.52	7.57	150 J	27	2 U	1300 J
16-Jun-10	5.34	738.85	11.10	281.7	0.05	117.0	-	7.71	160	27	2 U	1300 J
21-Sep-10	7.72	736.47	11.80	276.3	0.06	169.5	0.36	7.54	140	23	2 U	1300 J
7-Dec-10	6.48	737.71	11.00	263.0	0.15	77.2	0.38	7.58	180	20	2 U	1200 J
28-Mar-11	4.42	739.77	10.80	134.0	0.44	75.6	1.06	7.46	160 J	21	2 U	1700 J
20-Jun-11	4.76	739.43	12.10	252.7	0.07	68.4	0.13	7.48	200 J	16	2 U	1000 J
27-Sep-11	7.86	736.33	11.90	2064.0	0.04	102.6	0.37	7.48	170	18	2 U	1100 J
14-Dec-11	7.17	737.02	11.00	188.2	0.03	140.8	1.87	7.50	770	22	2 U	1300 J
21-Mar-12	4.68	739.51	10.70	297.8	0.07	130.6	0.41	7.39	170	21	2 U	1100 J
18-Jun-12	4.75	739.44	11.60	289.0	0.16	271.3	0.55	7.54	150 J+	19	0.4 U	3300 U
19-Sep-12	7.65	736.54	12.60	299.9	0.10	121.0	0.42	7.50	160	18	0.4 U	1100 J
18-Dec-12	5.58	738.61	10.90	384.0	0.03	15.6	1.39	7.50	200	19	0.4 U	1300 J
25-Feb-13	4.80	739.39	10.60	284.2	0.03	140.4	0.30	7.53	150	22	0.4 U	1200 J
22-May-13	4.81	739.38	11.00	294.9	0.14	387.7	0.52	7.61	160	18	0.4 U	3300 U
20-Aug-13	7.63	736.56	12.60	383.0	0.81	-8.4	0.80	7.26	164	16.7	0.1 U	1060
19-Nov-13	7.11	737.08	11.30	218.1	0.14	54.3	0.73	7.20	169	16.6	0.1 U	1130

Table 3c: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-3LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
1-Apr-14	4.08	740.11	10.70	222.6	0.15	158.5	1.12	7.50	168	13.3	0.1 U	1070
22-May-14	4.21	739.98	9.98	206.0	1.59	27.1	-	7.17	158	11.2	0.1 U	1000
13-Aug-14	6.95	737.24	13.50	237.0	1.14	9.8	4.70	6.92	154	10.5	0.1 U	990
12-Nov-14	6.04	738.15	8.40	185.1	0.28	-10.1	3.42	7.36	162	16.1	0.1 U	1050
11-Feb-15	4.62	739.57	11.50	205.1	1.20	68.1	1.32	7.41	169	9	0.1 U	1100
4-May-15	4.93	739.26	12.20	262.0	1.64	190.2	0.84	7.43	168	10.9	0.1 U	1010
4-Aug-15	7.44	736.75	13.20	211.3	1.62	81.9	2.02	7.39	173	6.8	0.1 U	1020
5-Nov-15	8.14	736.05	12.50	186.0	1.49	166.9	1.87	7.10	162	3.5	0.1 U	1040
8-Feb-16	3.20	740.99	11.70	240.5	2.13	196.9	0.88	7.23	150	11.2	0.1 U	980
2-May-16	3.77	740.42	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-16	6.81	737.38	13.10	238.0	2.40	168.5	2.39	7.41	Monitored Annually[1]			
1-Nov-16	6.59	737.60	Monitored Semi-Annually[1]						Monitored Annually[1]			
31-Jan-17	4.02	740.17	11.30	265.8	2.79	218.2	1.39	7.34	154	3.23	0.1 U	953
30-May-17	2.32	741.87	Monitored Semi-Annually[1]						Monitored Annually[1]			
16-Aug-17	5.48	738.71	13.20	258.4	3.54	92.2	2.50	7.41	Monitored Annually[1]			
9-Nov-17	6.00	738.19	Monitored Semi-Annually[1]						Monitored Annually[1]			
28-Feb-18	1.13	743.06	10.80	186.9	4.11	142.0	1.83	7.18	159	2.53	0.1 U	848
1-May-18	1.60	742.59	Monitored Semi-Annually[1]						Monitored Annually[1]			
22-Aug-18	5.93	738.26	13.55	194	7.63	16.9	0.77	7.11	Monitored Annually[1]			
6-Nov-18	6.78	737.41	Monitored Semi-Annually[1]						Monitored Annually[1]			
12-Mar-19	2.32	741.87	10.50	166	4.32	167.7	1.34	7.14	149	1.87	0.1 U	953
8-May-19	2.57	741.62	Monitored Semi-Annually[1]						Monitored Annually[1]			
27-Aug-19	5.76	738.43	13.62	192	3.94	Note 1	0.02	7.09	Monitored Annually[1]			
13-Nov-19	6.00	738.19	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Feb-20	1.69	742.50	10.70	180	3.20	88.5	1.21	7.11	140	1.69	0.1 U	915
13-Aug-20	4.59	739.60	13.60	188.7	4.26	50.3	1.60	7.19	Monitored Annually[1]			
9-Dec-20	4.22	739.97	Monitored Semi-Annually[1]						Monitored Annually[1]			
5-Mar-21	1.06	743.13	10.90	172.0	3.43	132	0.69	7.26	136	1.84	0.1 U	877
10-Jun-21	3.46	740.73	Monitored Semi-Annually[1]						Monitored Annually[1]			
13-Oct-21	6.17	738.02	12.90	215.1	4.10	148.3	0.96	7.05	Monitored Annually[1]			
5-Jan-22	0.80	743.39	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Mar-22	0.2	743.99	11.4	166.1	5.44	58.3	0.79	7.54	151	1.58	0.1 U	1200
21-Jun-22	0.54	743.65	Monitored Semi-Annually[1]						Monitored Annually[1]			
23-Sep-22	4	740.19	13.8	178.6	5.66	172	5.55	6.63	Monitored Annually[1]			
12-Dec-22	4.48	739.71	Monitored Semi-Annually[1]						Monitored Annually[1]			
14-Mar-23	1.11	743.08	11	254.9	0.8	-29.8	0.29	7.51	146	7.37	0.1 U	786
27-Jun-23	2.73	741.46	Monitored Semi-Annually[1]						Monitored Annually[1]			
6-Sep-23	5.21	738.98	15.1	240.1	2.85	0.7	1.57	7.22	Monitored Annually[1]			
15-Dec-23	2.74	741.45	Monitored Semi-Annually[1]						Monitored Annually[1]			

Table 3c: Lower Disposal Area - Bedrock Groundwater Geochemical Parameters and Concentrations Monitoring Well MWB-3LDA

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
7-Mar-24	0.19	744	10.8	272.7	3.09	-27.9	1.15	6.93	138	6.36	0.174 J	796
18-Jun-24	1.35	742.84	Monitored Semi-Annually[1]						Monitored Annually[1]			
18-Sep-24	4.55	739.64	14	227	7.5	123.4	1.66	7.09	Monitored Annually[1]			
9-Dec-24	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
27-Mar-25	0.70	743.49	11.2	215.6	3.64	65.1	3.76	6.65	143	4.52	0.2 U	892
11-Jun-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
17-Sep-25	5.80	738.39	13	235	4.79	-285.7	3.86	6.88	Monitored Annually[1]			
18-Dec-25	-	-	Monitored Semi-Annually[1]						Monitored Annually[1]			
26-Mar-26	0.25	743.94	11.2	169.7	1.54	52.8	4.86	6.73	134 B	7.15	0.396	850

Notes:

Top of casing elevation (feet NAVD88): 744.19

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
-	Not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 4a: Lower Disposal Area - Surface Water Geochemical Parameters and Results
South Pond

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-Feb-05	7.13	9580	-	-	4.19	13.02	4080	-	174	24.3	-	-
9-Mar-05	14.28	9979	-	-	6.79	12.52	4640	-	240	42.1	-	-
5-Apr-05	9.90	10820	-	-	43.50	11.99	3830	-	133	9.85	-	-
10-May-05	15.10	6091	-	-	45.60	12.14	3270	-	92.9	25.5	-	-
7-Jun-05	14.49	8257	-	-	24.20	12.19	3780	-	132	24.7	-	-
15-Jul-05[a]	18.34	6937	-	-	6.89	11.69	5000	-	281	31.8	-	-
15-Jul-05[b]	-	-	-	-	-	-	4260	-	237	34.2	-	-
9-Aug-05[a]	23.53	7654	-	-	17.l	10.26	6600	-	322	44.5	-	-
9-Aug-05[b]	-	-	-	-	-	-	5580	-	340	37.1	-	-
14-Sept-05[a]	18.55	6730	-	-	10.00	10.51	5100	-	235	19.3	-	-
14-Sept-05[b]	-	-	-	-	-	-	4750	-	268	34.2	-	-
5-Oct-05	12.14	4323	-	-	17.60	9.80	3090	-	130	26.5	-	-
9-Nov-05	6.78	3784	-	-	11.80	11.12	2600	-	121	21.7	-	-
9-Dec-05	3.22	8745	-	-	12.90	12.85	3900	-	175	14.1	-	-
19-Jan-06	7.73	5215	5.43	-	13.30	12.52	2000 J	-	20.3	3.24	-	-
16-Feb-06	3.96	9342	8.97	231.2	9.08	12.30	4100 J	-	43	25.6	-	-
15-Mar-06	8.72	12910	9.59	222.1	7.64	12.60	5100 J	-	38.6	41.8	-	-
7-Apr-06	14.26	15220	6.90	18.9	3.65	12.92	5700	-	48.5	65.6	-	-
16-May-06	19.75	10880	2.61	33.8	15.40	12.46	5100	-	130	92.1	-	-
23-Jun-06	22.76	7586	2.98	-	14.10	12.65	5100	-	130	57.9	-	-
20-Jul-06	24.33	7457	0.73	-148.4	16.70	11.33	6400	-	272	51.3	-	-
22-Aug-06	15.03	7481	3.75	61.0	14.10	10.40	6100	-	318	33.2	-	-
26-Sep-06	17.30	8409	1.31	-312.4	15.10	12.38	5500	-	230	45.7	-	-
26-Oct-06	10.95	6075	4.10	-265.6	13.30	12.18	4600	-	243	41.5	-	-
15-Nov-06	8.07	5022	7.71	-152.7	21.50	12.24	2600	-	76.2	3.68	-	-
20-Dec-06	6.32	9148	5.73	-139.6	12.20	12.85	2900 J	-	46.1	1.28	-	-
24-Jan-07	2.15	12690	9.24	-98.4	9.74	13.10	3000 J	-	19.2	26.8	-	-
12-Feb-07	9.35	14110	8.43	-86.7	32.50	13.13	4700	-	96.2	83.5	-	-
27-Mar-07	9.16	10560	8.41	-46.2	7.42	11.31	2900 J	-	5.98	14.5	-	-
18-Apr-07	8.27	14570	8.32	10.8	10.30	12.79	5200	-	19.8	22.1	-	-
31-May-07	23.66	13410	6.42	-95.0	31.20	11.77	5100	-	78.4	50.4	-	-
20-Jun-07	26.35	10050	5.53	-195.7	27.90	12.29	5300 J	-	112	38.2	-	-
31-Jul-07	21.39	6666	4.76	-106.4	72.00	10.86	6300	-	208	68.8	-	-
29-Aug-07	22.61	6950	1.57	-193.4	61.80	12.05	6300 J	-	149	30.6	-	-
27-Sep-07	11.45	5059	2.66	-180.4	78.40	11.43	4800	-	190	17.4	-	-
26-Oct-07	6.98	4147	1.44	-204.7	39.50	12.48	3900 J	-	168	25.5	-	-
30-Nov-07	2.86	5030	8.50	-74.9	12.40	12.20	2600	-	121	14.3	-	-
12-Dec-07	4.45	3564	2.03	-141.8	20.70	10.93	2700	-	79.3	9.87	-	-
24-Jan-08	1.13	4859	4.10	-186.8	-	11.19	2200	-	86.1	6.79	-	-
28-Feb-08	-	-	-	-	18.10	-	2800	-	183	73.4	-	-
25-Mar-08	7.37	5413	7.88	-58.2	122.00	12.29	2900	-	182	13	-	-
29-Apr-08	8.43	3685	9.04	59.3	19.20	11.63	2400 J	-	152	16	-	-
20-May-08	18.03	3554	6.69	58.0	156.00	11.01	2100	-	137	38.3	-	-
18-Jun-08	13.01	5680	6.46	57.5	71.80	11.14	4000 J	-	279	34.4	-	-
26-Aug-08	18.02	2800	5.72	16.9	49.80	10.08	2500 J	-	91.7	18.6	557000	-
20-Nov-08	7.46	2011	9.04	38.3	23.60	10.49	2300	-	72.9	9.2	566000	-
12-Feb-09	1.63	1870	11.74	-	46.10	10.83	2300	-	129	17.2	738000	-
19-May-09	12.73	1895	5.37	-16.4	168.00	9.82	1700 J	-	78.9	11.3	515000	-
23-Sep-09	21.50	4190	0.09	175.1	14.40	9.70	4100	-	120	99	1300000	-
14-Dec-09	+	+	+	+	+	+	+	-	+	+	+	-

Table 4a: Lower Disposal Area - Surface Water Geochemical Parameters and Results
South Pond

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
22-Mar-10	13.10	2480	-	342.0	15.60	10.05	1700	-	76	34	520000	-
17-Jun-10	13.40	2429	5.14	-	26.10	10.77	2100	-	120	89	630000	-
21-Sep-10	16.30	2733	1.10	216.8	21.50	9.81	2200	-	25	27	510000	-
8-Dec-10	6.00	1994	2.70	-	18.70	10.05	1400	-	53	18	490000	-
30-Mar-11	9.10	509	0.37	179.2	13.80	12.04	730 J	-	36	14	260000	-
21-Jun-11	21.60	2092	1.90	192.2	13.60	10.07	2800 J	-	62	29	380000	-
27-Sep-11	14.60	1516	9.34	220.4	32.50	9.34	1800	-	78	36	780000	-
15-Dec-11	3.00	1449	1.90	94.6	13.80	10.75	2100	-	140	74	630000	-
21-Mar-12	2.60	1088	8.10	285.7	13.10	9.95	780	-	30	7.2	240000	-
19-Jun-12	17.10	1747	5.54	345.3	10.80	9.93	780	-	70	29	400000	-
20-Sep-12	-	-	-	-	-	-	-	-	-	-	-	-
19-Dec-12	4.00	1771	6.37	104.0	6.12	10.71	1300	-	47	18	440000	-
26-Feb-13	6.90	3720	5.40	196.7	10.60	11.86	1100	-	140	39	690000	-
23-May-13	11.50	2335	5.21	323.5	44.10	12.48	1800	-	130	50	530000	-
22-Aug-13	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
19-Nov-13	8.20	1256	4.12	79.3	18.20	9.89	1260	-	39.8	20.4	487000	-
1-Apr-14	15.30	2053	4.42	130.9	772.00	11.27	1800	-	113	42.2	649000	-
23-May-14	14.15	2187	5.50	77.3	-	10.19	1860	-	112	23.6	623000	-
13-Aug-14	20.29	1298	5.35	40.1	24.80	9.63	949	-	44.9	22.8	306000	-
12-Nov-14	1.30	315	4.55	-0.5	22.10	10.45	2440	-	122	34.2	804000	-
12-Feb-15	11.10	1267	4.01	-8.2	23.90	10.20	905	-	27.2	9.6	320000	-
4-May-15	15.60	3200	4.35	240.5	9.21	10.42	2280	-	154	30.8	774000	-
5-Aug-15	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
3-Nov-15	8.30	1143	2.01	88.1	35.40	9.22	1050	-	28	28.2	364000	-
9-Feb-16	7.30	1672	3.45	95.9	7.79	10.45	1170	-	51 J+	34	410000	-
3-May-16	14.20	3150	3.61	335.2	63.80	10.35	2260	-	148	97.9 J-	777000	-
24-Aug-16	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
1-Nov-16	12.10	401	5.56	-65.9	15.00	9.43	742	-	21.9	14.1	356000	-
1-Feb-17	2.10	2064	4.82	5.0	17.80	10.27	1330	-	57.6	139	455000	-
31-May-17	14.50	2594	5.36	-	22.70	9.93	1920	-	105	51.5 J+	664000	-
17-Aug-17	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
9-Nov-17	6.50	1049	6.38	92.3	14.40	10.13	1260	-	58.8	53.4 J+	441000	-
27-Feb-18	6.50	1379	4.05	-71.0	6.11	10.94	865	-	61.7	47.7 J-	429000	-
2-May-18	11.60	2547	-	-	25.30	10.36	1860	-	85.9	26.7 J+	611000	-
22-Aug-18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
7-Nov-18	9.70	995	6.72	126.8	20.60	9.15	1040	-	76	65.5	33000 J+	-
11-Mar-19	10.60	1354	5.93	-18.7	7.19	10.31	1270	-	49.3	41.7	458000	-
9-May-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
26-Aug-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
14-Nov-19	8.70	1180	5.98	30.9	7.38	9.03	1120	-	67.2	76.4	418000	-
13-Feb-20	4.30	1032	2.51	-126.9	6.10	10.46	927	-	28.1	13	348000	-
13-Aug-20	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
10-Dec-20	5.60	1000	2.52	66.8	6.02	9.66	952	-	12	6.63	318000	-
4-Mar-21	8.10	1271	1.98	38.0	8.02	10.35	4820	-	50.6	35.7	435000	-
10-Jun-21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
13-Oct-21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6-Jan-22	4.50	305	10.57	-30.2	4.07	9.42	300	2.29	4.42	2.29	77100	4.27
17-Mar-22	8.80	997	8.53	-66.4	4.54	11.32	912	4.85	22.60	16.70	358000	37.80
21-Jun-22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12-Sep-22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table 4a: Lower Disposal Area - Surface Water Geochemical Parameters and Results
South Pond

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
13-Dec-22	4.1	1319	8.1	-51.9	15.8	9.45	1170	17.5	40.5	33.1	384000	79.3
15-Mar-23	8.9	1467	10.36	-7.6	6.57	9.33	913	2.75	8.5	4.84	347000	12.3
26-Jun-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6-Sep-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13-Dec-23	5.2	2217	7.86	-41.2	8.63	9	1180	3.98	21.1	15.8	394000	53.4
5-Mar-24	10.5	2327	7.99	-12.1	6.72	9.9	1220	3.99	21.6	15.2	435000	75.1
17-Jun-24	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16-Sep-24	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9-Dec-24	3.4	1407	43.39	122.1	7.18	8.68	929	2.99	10.9	6.18	300000	19.3
24-Mar-25	12.6	914	8.5	185.5	5.23	8.97	638	2.05	7.63	4.12	207000	12.6
9-Jun-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15-Sep-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17-Dec-25	7.5	530	9.46	153.7	2.96	7.34	292	2.07	6.16	1.52	102000	3.90
27-Mar-26	12.2	939	6.61	106.1.	6.65	9.37	1160	2.88	19.3	7.12	427000	62.80

Notes:

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not analyzed or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL.
+	South Pond frozen; unable to collect field parameters or samples
DRY	South Pond dry; unable to collect field parameters or samples
a	North Creek Analytical, Inc.
b	Severn Trent Laboratories
c	CUL provided in Remedial Investigation Report (WSP 2025)
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit

Table 4b: Lower Disposal Area - Surface Water Geochemical Parameters and Results
Weir

Date Sampled	Field Parameters							Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)	pH (standard units)	Weir Flow Rate (gpm)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	-	6	8	2.5	-	80
1-Feb-05	8.47	2205	-	-	6.24	10.23	-	1440	-	149	10.7	-	-
9-Mar-05	11.38	2054	-	-	7.80	10.15	2.64	1630	-	200	11.9	-	-
5-Apr-05	7.7	2169	-	-	7.99	10.42	10.00	1420	-	129	8.61	-	-
10-May-05	14.1	1912	-	-	562.00	9.87	25.00	1210	-	105	7.63	-	-
7-Jun-05	15.74	2588	-	-	11.60	10.03	6.82	1570	-	138	10.1	-	-
15-Jul-05[a]	20.38	3184	-	-	8.91	10.36	0.94	3200	-	192	9.98	-	-
15-Jul-05[b]	-	-	-	-	-	-	-	1990	-	189	10.8	-	-
9-Aug-05[a]	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	-	-
9-Aug-05[b]	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	-	-
14-Sept-05[a]	15.60	3792	-	-	14.50	9.92	0.07	2800	-	208	57.8	-	-
14-Sept-05[b]	-	-	-	-	-	-	-	2730	-	223	73.3	-	-
5-Oct-05	12.96	3237	-	-	4.99	9.89	0.32	2150	-	170	12.5	-	-
9-Nov-05	8.40	2545	-	-	13.80	9.64	7.50	1900	-	78.2	10 U	-	-
9-Dec-05	3.34	1377	-	-	8.03	10.43	5.00	1700	-	130	6.12	-	-
19-Jan-06	7.37	1424	7.92	-	12.20	10.61	7.50	1000 J	-	89.5	4.81	-	-
16-Feb-06	3.74	1680	12.19	*	14.60	10.78	7.50	1400 J	-	105	5.46	-	-
15-Mar-06	7.21	1634	12.61	194.4	7.44	10.63	5.28	1300 J	-	128	6.38	-	-
7-Apr-06	14.33	2055	8.54	55.3	9.21	10.84	3.17	1500	-	143	6.63	-	-
16-May-06	21.65	2474	6.09	11.6	9.37	10.69	0.83	2000	-	157	8.19	-	-
23-Jun-06	24.58	2820	6.66	-	15.40	11.64	0.63	1400	-	154	13.1	-	-
20-Jul-06	21.17	3291	8.56	-85.5	68.30	10.75	DRY*	2300	-	131	9.41	-	-
22-Aug-06	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	-	-
26-Sep-06	16.38	2997	3.00	-57.1	31.60	9.92	DRY*	2900	-	103	16.8	-	-
15-Nov-06	8.51	1708	8.16	-35.7	34.70	10.15	17.14	1200	-	67.4	8.07	-	-
20-Dec-06	5.07	1927	8.84	14.8	7.94	10.67	10.91	1200	-	99.7	4.78	-	-
24-Jan-07	2.30	1846	10.72	5.9	11.70	10.37	9.00	1100 J	-	126	16.1	-	-
12-Feb-07	9.26	1777	11.75	-91.3	26.70	10.56	6.00	1100	-	139	7.12	-	-
27-Mar-07	8.71	1219	9.18	-12.6	13.80	8.70	24.00	840 J	-	88.5	4.86	-	-
18-Apr-07	7.39	4563	8.65	41.0	16.80	12.12	9.00	2000	-	97.5	32.5	-	-
31-May-07	-	3916	6.33	-149.5	10.70	10.96	1.36	2100	-	275	22.9	-	-
20-Jun-07	22.59	3336	8.50	-20.4	42.50	10.46	0.29	2400 J	-	255	27.4	-	-
31-Jul-07	18.94	3915	7.85	-69.2	41.30	10.92	0.06	3300	-	236	12.6	-	-
29-Aug-07	21.52	2406	5.75	-5.3	24.10	9.72	DRY*	2300 J	-	129	8.45	-	-
27-Sep-07	13.88	2009	5.75	15.5	28.30	9.56	0.06	1600	-	207	4.37	-	-
26-Oct-07	7.68	1662	9.06	80.5	13.00	9.92	2.04	1800 J	-	132	7.53	-	-
30-Nov-07	4.34	2446	9.63	26.7	11.70	9.86	2.63	1600	-	135	8.27	-	-
12-Dec-07	5.88	2056	10.34	39.3	10.30	10.18	2.63	1500	-	105	5.73	-	-
24-Jan-08	3.05	1601	15.03	42.3	-	9.40	2.63	1000	-	87.4	4.06	-	-
28-Feb-08	-	-	-	-	9.22	-	4.13	1200	-	118	8.92	-	-
25-Mar-08	6.80	1622	12.37	95.1	16.40	9.98	5.25	1100	-	110	3.86	-	-
29-Apr-08	7.53	1997	9.10	137.4	11.90	10.29	7.50	1100 J	-	124	7.05	-	-
20-May-08	16.35	2504	9.03	77.4	32.90	10.92	7.50	1700	-	146	14.7	-	-
18-Jun-08	11.82	2925	8.32	68.3	25.70	11.14	1.69	1800 J	-	208	8.48	-	-
26-Aug-08	17.69	3376	7.98	62.8	41.10	10.43	0.84	2200 J	-	287	13.2	647000	-
20-Nov-08	8.10	1447	9.65	112.0	43.70	11.00	11.25	1400	-	121	16.2	485000	-
12-Feb-09	2.99	1214	14.46	-	14.60	10.93	4.06	1200	-	219	11.8	434000	-
19-May-09	13.05	1962	7.92	32.6	36.70	10.23	7.50	1800 J	-	210	13.7	521000	-
24-Sep-09	16.30	2792	1.59	263.8	13.70	8.82	DRY*	2400	-	130	53	730000	-
15-Dec-09	2.80	1702	7.47	343.0	-	10.18	6.67	1200	-	170	22	330000	-
24-Mar-10	13.80	2629	2.09	270.7	263.00	11.46	6.03	1800	-	180	20	600000	-
17-Jun-10	12.00	1876	0.01	-	157.00	10.76	14.15	1200	-	27	3.9	410000	-
20-Sep-10	11.40	3100	6.34	198.6	12.20	10.63	2.38	2800	-	250	40	580000	-
7-Dec-10	6.60	2455	4.03	154.0	11.00	11.61	16.69	1600	-	240	26	510000	-
30-Mar-11	8.10	848	0.22	136.1	31.50	13.08	58.61	940 J	-	91	9.9	330000	-

Table 4b: Lower Disposal Area - Surface Water Geochemical Parameters and Results
Weir

Date Sampled	Field Parameters							Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)	pH (standard units)	Weir Flow Rate (gpm)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	-	6	8	2.5	-	80
22-Jun-11	14.40	2286	5.68	164.2	13.20	11.28	5.68	2600 J	-	120	25	490000	-
27-Sep-11	16.20	1911	4.62	253.4	39.10	10.07	13.40	2100	-	170	45	880000	-
15-Dec-11	4.10	1439	7.40	139.4	10.60	10.33	6.65	1400	-	180	21	500000	-
20-Mar-12	5.20	1687	8.50	27.5	9.60	11.17	60.00	410	-	130	7.4	290000	-
18-Jun-12	14.70	2336	0.11	326.9	15.60	11.25	60.00	410	-	130	9.8	430000	-
20-Sep-12	15.30	2972	7.81	106.0	12.10	9.55	0.10	1400 J	-	130	2.2	450000	-
18-Dec-12	4.80	1908	9.34	-14.2	7.41	10.28	18.50	870	-	120	8.1	390000	-
26-Feb-13	5.80	6470	11.27	161.6	22.00	12.46	9.90	1800	-	99	62	710000	-
23-May-13	10.50	1625	9.14	291.8	14.40	9.93	4.84	980	-	94	21	310000	-
21-Aug-13	15.70	7260	7.69	51.6	9.00	10.71	0.32	2780	-	342	18.3	954000	-
19-Nov-13	8.10	2032	10.00	87.4	9.95	11.19	25.40	1270	-	70.8	16.9	487000	-
1-Apr-14	13.70	3420	9.11	129.4	59.00	12.57	20.77	1300	-	37.3	12	572000	-
23-May-14	12.83	986	11.63	105.7	-	9.36	-	822	-	47	13.9	274000	-
13-Aug-14	18.38	2000	5.52	63.6	8.93	8.02	2.00	1250	-	13.4	0.6	326000	-
11-Nov-14	6.70	259	9.77	164.8	4.27	8.09	1.50	955	-	19	0.2	315000	-
12-Feb-15	10.00	669	11.13	142.9	2.75	8.62	40.00	1490	-	14.9	1.8	155000	-
4-May-15	13.70	1293	8.69	181.7	155.00	9.38	0.09	1100	-	43.3	11.3	292000	-
5-Aug-15	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
3-Nov-15	9.70	1296	7.66	165.6	13.70	8.03	1.98	1200	-	11.4	0.8	355000	-
9-Feb-16	9.10	838	8.79	181.4	2.17	7.87	0.69	529	-	7.8	0.5 J+	145000	-
2-May-16	23.40	1126	6.16	128.1	7.59	7.63	DRY*	688	-	7.6	0.06 J-	162000	-
23-Aug-16	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
1-Nov-16	11.70	332	7.12	97.5	7.71	7.76	7.24	703	-	9.18	0.3	207000	-
1-Feb-17	2.30	925	11.55	39.1	2.04	7.71	0.30	567	-	4.9	0.09 J	135000	-
30-May-17	13.30	817	57.50	8.3	22.20	7.40	0.30	516	-	13.1	0.08 J+	94300	-
17-Aug-17	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
9-Nov-17	7.00	851	7.57	88.0	67.30	8.43	-	865	-	36.6	10.7	236000	-
27-Feb-18	5.50	498	10.68	106.0	5.39	8.60	-	503	-	9.7	1.23	127000	-
1-May-18	12.80	894	8.87	-	2.39	7.97	-	656	-	7.81	0.1 UJ	195000	-
21-Aug-18	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
7-Nov-18	8.50	1079	7.37	166.6	5.48	7.94	-	1030	-	15.7	0.089 J	322000 J+	-
11-Mar-19	5.00	525	9.79	146.3	1.28	7.76	-	541	-	4.21	0.1 U	133000	-
9-May-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
26-Aug-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
14-Nov-19	7.40	842	4.10	214.3	19.00	7.74	DRY*	783	-	11.3	0.076 J	242000	-
12-Feb-20	7.20	401	8.41	-38.3	2.47	7.53	3.96	348	-	4.81	0.1 U	86900	-
13-Aug-20	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
10-Dec-20	7.20	581	6.72	185.0	0.96	7.80	8	560	-	5.13	0.1 U	126000	-
4-Mar-21	4.90	427	7.11	146.0	2.50	7.86	3	424	-	3.7	0.114	80600	-
10-Jun-21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	-	DRY	DRY	DRY	-
13-Oct-21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6-Jan-22	4.90	269	10.81	211.8	15.90	7.63	300	228	5.52	4.33	0.698	50500	1
17-Mar-22	7.00	410	9.46	157.2	0.91	7.43	8	394	5.37	3.5	0.055 J	86000	1
21-Jun-22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12-Sep-22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13-Dec-22	5.60	712	6.9	12.5	1.29	7.83	-	535	10.5	3.27	0.113 J+	111000	1.01
15-Mar-23	5.10	758.2	6.46	202.5	9.22	7.49	0.1	437	5.92	3.49	0.197	96000	0.825
26-Jun-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7-Sep-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13-Dec-23	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5-Mar-24	4.10	673	7.31	117.1	9.45	7.09	1.59	445	5.28	4.74	2.23	76800	1.16
17-Jun-24	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16-Sep-24	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table 4b: Lower Disposal Area - Surface Water Geochemical Parameters and Results
Weir

Date Sampled	Field Parameters							Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)	pH (standard units)	Weir Flow Rate (gpm)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	-	6	8	2.5	-	80
9-Dec-24	6.6	823	40.22	58.4	1.07	7.36	-	542	5.42	3.70	0.136 U	99800	0.67
24-Mar-25	10.2	680.7	802	175.7	7.31	7.41	-	449	4.35	2.89	0.2 U	87400	0.668
9-Jun-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15-Sep-25	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17-Dec-25	8.6	519	9.02	143.4	2.41	7.11	-	322	6.52	3.80	0.147 J	60600	1.20
24-Mar-26	7.3	484.6	7.14	143.7	30.4	6.92	0.08	306	4.58	3.77	1.19	53200	1.28

Notes:

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

*	Sample collected from constructed wetland (alternative sampling location) upstream of weir
-	Not analyzed or not available
DRY	Weir dry; unable to collect field parameters or samples
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	North Creek Analytical, Inc.
b	Severn Trent Laboratories
c	CUL provided in Remedial Investigation Report (WSP 2025)
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
gpm	Gallons per minute
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit

Table 4c: Lower Disposal Area - Surface Water Geochemical Parameters and Results Infiltration Ponds #1

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
1-Feb-05	8.17	1315	-	-	8.13	9.95	874	-	84.9	4.99	-	-
9-Mar-05	14.04	1183	-	-	23.00	9.59	960	-	96.2	3.92	-	-
5-Apr-05	11.00	1115	-	-	43.70	9.80	800	-	62.3	3.21	-	-
10-May-05	14.91	1275	-	-	564.00	9.83	844	-	76.5	5 U	-	-
7-Jun-05	15.11	1140	-	-	239.00	9.61	804	-	84.3	5 U	-	-
15-Jul-05[a]	23.56	1276	-	-	94.40	9.30	1100	-	92.5	4.14	-	-
15-Jul-05[b]	-	-	-	-	-	-	874	-	99.9	3.82	-	-
9-Aug-05[a]	19.05	1744	-	-	57.20	9.44	1000	-	123	5.1	-	-
9-Aug-05[b]	-	-	-	-	-	-	1030	-	140	6.12	-	-
14-Sept-05[a]	13.59	1154	-	-	99.80	8.97	790	-	110	3.54	-	-
14-Sept-05[b]	-	-	-	-	-	-	806	-	118	5.18	-	-
5-Oct-05	14.82	970	-	-	82.70	8.98	736	-	89.3	2.83	-	-
9-Nov-05	8.43	1285	-	-	135.00	8.83	970	-	46	10 U	-	-
9-Dec-05	2.12	1361	-	-	14.20	9.71	980	-	64.6	3.11	-	-
19-Jan-06	6.66	728	7.96	-	64.70	10.13	470 J	-	40.7	2.29	-	-
16-Feb-06	2.63	624	9.75	30.3	25.20	8.54	530 J	-	13.3	1 U	-	-
15-Mar-06	7.16	639	11.61	236.8	23.10	9.22	530 J	-	22.5	1 U	-	-
7-Apr-06	11.91	1013	10.81	27.8	18.80	9.98	780	-	63.8	3.24	-	-
16-May-06	15.58	1160	7.58	50.6	16.50	9.57	950	-	77.9	2.49	-	-
23-Jun-06	18.63	1261	7.41	-	126.00	9.85	920	-	70.7	3.65	-	-
20-Jul-06	20.65	932	5.36	-35.1	279.00	8.94	980	-	108	3.48	-	-
22-Aug-06	15.65	860	7.64	86.5	218.00	9.22	760	-	116	3.84	-	-
26-Sep-06	21.86	903	8.98	-72.8	263.00	8.89	820	-	75.8	3.06	-	-
15-Nov-06	7.73	715	9.21	149.2	33.60	9.07	500	-	20.8	2.29	-	-
20-Dec-06	4.98	1082	9.05	86.3	9.29	9.78	680	-	51.3	2.67	-	-
24-Jan-07	2.12	1058	10.71	130.4	20.50	9.97	640 J	-	66.1	7.58	-	-
12-Feb-07	10.10	1218	12.40	-61.8	103.00	9.98	860	-	90.1	4.49	-	-
27-Mar-07	7.94	772	9.67	13.3	25.50	8.27	540 J	-	49.8	2.74	-	-
18-Apr-07	7.52	2418	9.23	84.4	58.10	11.73	1400	-	79.2	10.5	-	-
31-May-07	15.45	1879	6.47	-92.2	3.15	9.79	1300	-	165	8.11	-	-
20-Jun-07	24.18	1925	10.88	-52.1	251.00	10.24	1300 J	-	144	5.34	-	-
31-Jul-07	19.05	1418	5.97	-36.1	128.00	9.81	1200	-	140	7.23	-	-
29-Aug-07	18.00	1193	5.60	-35.4	158.00	9.29	1300 J	-	164	7.01	-	-
27-Sep-07	14.97	987	5.44	45.9	186.00	8.99	970	-	196	5.49	-	-
26-Oct-07	2.66	504	6.02	63.1	282.00	8.64	770 J	-	42.9	2.25	-	-
30-Nov-07	1.86	955	9.77	190.1	163.00	10.02	570	-	48.9	1.62	-	-
12-Dec-07	4.22	790	11.11	126.8	56.00	9.40	520	-	34.3	1.67	-	-
24-Jan-08	2.12	875	19.35	142.0	-	8.68	640	-	42.8	1.66	-	-
28-Feb-08	-	-	-	-	25.60	-	510	-	41.3	2.66	-	-
25-Mar-08	5.27	937	14.46	91.0	86.80	9.60	630	-	50.2	2.15	-	-
29-Apr-08	9.02	1079	10.56	190.8	61.30	9.87	670 J	-	66	2.87	-	-
20-May-08	15.42	1191	7.58	160.0	91.40	9.75	820	-	85.9	4.85	-	-
18-Jun-08	12.94	1124	9.62	167.3	76.90	9.65	810 J	-	77.6	3.67	-	-
26-Aug-08	15.95	880	3.75	53.5	490.00	8.00	650 J	-	76.9	1.64	144000	-
20-Nov-08	6.91	897	7.02	183.5	376.00	10.22	960	-	87.2	4.21	313000	-
12-Feb-09	1.29	-	13.72	-	10.20	10.52	800	-	118	5.84	271000	-
19-May-09	11.90	862	6.52	71.9	133.00	9.59	840 J	-	91.3	3.99	238000	-
18-Nov-09	5.70	852	6.61	185.9	68.00	9.88	490	-	40	4.4	160000	-
15-Dec-09	2.30	1162	8.22	460.1	63.30	9.97	640	-	71	7.2	220000	-
24-Mar-10	13.00	1299	5.83	408.2	13.00	10.48	1000	-	140	8.5	340000	-

Table 4c: Lower Disposal Area - Surface Water Geochemical Parameters and Results
Infiltration Ponds #1

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
17-Jun-10	12.00	947	4.45	332.1	33.60	10.56	540	-	62	6.2	220000	-
22-Sep-10	15.60	1736	3.14	342.5	33.00	9.84	1300	-	130	21	360000	-
8-Dec-10	5.40	1382	7.73	371.1	12.10	10.75	870	-	100	12	300000	-
29-Mar-11	9.60	627	5.16	577.6	19.80	11.05	760 J	-	78	3.1	270000	-
21-Jun-11	21.00	1778	5.46	239.1	11.60	10.44	1700 J	-	78	11	340000	-
27-Sep-11	14.80	1382	3.98	239.8	33.40	9.58	1600	-	120	13	670000	-
14-Dec-11	3.10	1046	5.60	281.7	15.70	9.93	1100	-	87	14	330000	-
20-Mar-12	6.10	986	11.04	271.1	11.70	10.32	500	-	71	3.3	180000	-
19-Jun-12	14.80	862	7.83	352.2	38.80	9.57	500	-	64	3.7	180000	-
20-Sep-12	12.40	1961	1.81	419.0	10.30	9.43	4600 J	-	130	2.1	440000	-
19-Dec-12	4.10	1320	10.11	303.1	5.86	9.69	700	-	75	4.3	250000	-
25-Feb-13	7.10	1963	9.30	234.7	26.60	11.30	1000	-	90	6	370000	-
22-May-13	10.50	4380	7.72	411.7	202.00	12.56	1400	-	25	11	530000	-
21-Aug-13	20.10	12850	1.24	-2.3	18.20	12.18	3430	-	106	47.5	1180000	-
20-Nov-13	5.70	1198	8.03	131.9	22.20	10.23	704	-	41.3	6.2	260000	-
1-Apr-14	9.80	1708	9.77	136.4	8.79	12.26	832	-	24.1	3	317000	-
23-May-14	12.63	6574	8.63	120.8	-	12.61	2120	-	4.8	35.4	811000	-
13-Aug-14	18.99	3273	6.29	77.7	89.00	12.34	1660	-	71.4	6.3 J	548000	-
11-Nov-14	8.80	578	3.55	179.2	62.50	12.73	2000	-	56.7	20.4	739000	-
11-Feb-15	9.70	487	9.97	66.2	42.00	9.40	337	-	9.1	0.9	87700	-
4-May-15	14.30	4210	5.60	281.2	7.67	12.53	1670	-	35.3	7.4	589000	-
5-Aug-15	19.90	4890	5.14	18.8	89.80	11.79	3080	-	85.4	18.1	1150000	-
3-Nov-15	9.20	760	6.39	129.9	34.60	9.78	707	-	23.5	5.3	235000	-
9-Feb-16	10.20	-	10.29	100.3	8.01	12.78	1330	-	5.3	24.8	530000	-
2-May-16 [d]	-	-	-	-	-	-	2490	-	24	37 J-	996000	-
23-Aug-16	19.30	4250	3.95	386.5	46.30	11.76	2970	-	105	14.3	989000	-
1-Nov-16	11.70	229	9.26	185.2	48.90	10.33	508	-	12.6	0.792	164000	-
1-Feb-17	2.40	8890	10.78	26.1	3.17	13.36	2220	-	10.1	46.8	854000	-
30-May-17	14.70	6800	56.90	17.7	1.38	12.73	1720	-	1.75	31.6 J+	759000	-
17-Aug-17	18.10	5410	3.88	-19.5	14.90	11.93	3080	-	62.6	32.8	1150000	-
10-Nov-17	7.90	2016	7.72	64.4	30.70	12.00	1520	-	63	32.2	578000	-
27-Feb-18	5.70	5062	8.76	42.0	3.74	12.28	1620	-	15	54.6	678000	-
1-May-18	12.30	6620	5.25	-	1.94	12.73	2070	-	2.42	30.1 J+	745000	-
21-Aug-18	23.85	5058	2.95	106.0	5.62	11.64	3090	-	77.3	28.8	1200000	-
6-Nov-18	11.70	1078	3.50	-5.4	46.90	8.48	1180	-	6.03	5.44	359000 J+	-
13-Mar-19	3.90	331	8.08	183.7	29.10	10.72	455	-	11.9	2.21	185000	-
8-May-19	17.20	6113	6.38	6.4	6.17	12.39	2040	-	7.7	26.8	830000	-
26-Aug-19	24.22	4177	2.47	Note 1	7.21	9.12	2840	-	17.2 J	5.27 J	1020000	-
13-Nov-19	8.70	2523	1.61	-201.7	33.00	8.67	1930	-	32.5	4.44	726000	-
12-Feb-20	7.80	971	7.99	150.3	16.00	7.92	836	-	14.3	3.96	243000	-
12-Aug-20	18.30	3655	4.33	123.5	5.74	8.98	2570	-	20.8	2.59	988000	-
9-Dec-20	8.30	740	7.80	202.0	18.40	8.21	632	-	14.9	5.11	207000	-
3-Mar-21	8.30	1446	7.87	217.0	15.50	8.56	1310	-	35.3	6.11	509000	-
9-Jun-21	15.10	2963	4.88	174.9	4.37	8.79	2400	-	23.7	1.51	923000	-
13-Oct-21	9.30	2563	4.73	34.2	39.30	8.84	2610 J-	16.1	19.7	6.12	831000	3.11
5-Jan-22	1.20	510	9.85	236.4	14.00	8.01	679	6.32	12.1	6.31	226000	3.36
16-Mar-22	11.10	786	10.41	172.1	12.8	7.45	733	7.59	10.6	4.77	236000	1.82
23-Jun-22	14.90	1982	2.58	156.8	5.3	8.34	1650	8.5	10.2	3.44	549000	0.97
28-Sep-22	16.20	3251.00	7.06	-49.10	3.18	8.75	2730 J	24	5.88	1.11	1040000	0.516
5-Jan-23	8.80	1047.00	8.40	191.00	8.47	8.16	1560	18.8	26.7	2.49	567000	4.45

Table 4c: Lower Disposal Area - Surface Water Geochemical Parameters and Results Infiltration Ponds #1

Date Sampled	Field Parameters						Gen-Chem	Metals (ug/L)				
	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Antimony	Arsenic	Lead	Potassium	Vanadium
Cleanup Level[c]	-	-	-	-	-	6.5-8.5	-	6	8	2.5	-	80
13-Mar-23	7.20	1831.00	11.21	177.80	31.80	8.29	1050	8.27	16.3	5.8	401000	4
28-Jun-23	19.90	3514.00	4.58	91.00	4.73	8.64	2270	8.82	8.35	1.37	879000	0.935 J
8-Sep-23	19.50	3882.00	2.26	48.50	14.50	8.96	2550 J-	10.2	11.5	3.91	929000	0.929
15-Dec-23	6.90	2395.00	9.94	163.00	3.19	8.49	1240	22.7	15.3	2.16	447000	3.31
4-Mar-24	6.80	1477.00	7.24	237.40	9.50	8.17	1370 J	13.3	21.8	2.86	471000	3.16
18-Jun-24	15.80	3495.00	10.86	173.00	4.69	8.41	1370 J	9.87	9.58	0.162 J	775000	0.716
16-Sep-24	17.40	2932.00	8.39	228.90	24.30	8.30	2080	14.4	16.3	15.6	708000	2.63
11-Dec-24	3.70	2497.00	7.95	153.90	7.10	8.50	1610	14.9	22.0	2.82	556000	2.14
26-Mar-25	16.60	1839.00	10.48	181.60	150.00	8.31	1250	12.6	17.3	23.4	457000	1.94
11-Jun-25	19.90	3272.00	7.09	61.10	3.75	8.24	2080	8.5	13.9	1.00 U	790000	0.70 J
16-Sep-25	23.50	3623.00	2.58	-406.90	20.90	8.49	2430	7.84	16.4	0.905 J	881000	0.74 J
18-Dec-25	6.60	522.00	9.16	182.50	8.64	8.23	282	7.09	4.25	1.26	86600	1.36
27-Mar-26	10.80	1034.00	4.39	1.30	6.39	8.51	927 J	11.1	8.15	4.4	334000	1.22

Notes:

1. Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not analyzed or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	North Creek Analytical, Inc.
b	Severn Trent Laboratories
c	CUL provided in Remedial Investigation Report (WSP 2025)
d	Field parameters for Infiltration Ponds #1 were inadvertently not collected during May 2016 sampling
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
J-	Data validation code; estimated value with low bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit

Table 5a: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1SDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
2-Dec-02	69.87	866.42	9.5	1690	-	-	-	7.29	910	46.6	2.68	-
3-Mar-03	36.83	899.46	11.5	1260	-	-	24.10	7.15	860	9.73	-	-
3-May-03	34.88	901.41	12.8	1520	-	-	38.00	7.09	950	-	-	-
3-Aug-03	52.02	884.27	19.19	1460	-	-	11.40	7.01	990	-	-	-
1-Nov-03	53.61	882.68	11.60	915	-	-	8.97	7.19	1010	8.58	0.695	-
1-Feb-04	32.75	903.54	11.52	1033	-	-	7.36	6.78	1060	-	-	-
1-May-04	42.50	893.79	14.87	1126	-	-	7.53	7.23	1020	-	-	-
1-Aug-04	49.26	887.03	13.72	1234	-	-	8.07	6.98	981	-	-	-
1-Nov-04	42.81	893.48	11.88	1429	-	-	9.06	6.92	1060	10	1 U	-
1-Feb-05	33.62	902.67	13.06	1615	-	-	7.11	7.01	1020	-	-	-
1-May-05	34.88	901.41	12.91	1459	-	-	6.54	6.85	1000	-	-	-
1-Aug-05	43.80	892.49	10.40	1472	-	-	10.40	6.80	1090	-	-	-
1-Nov-05	52.80	883.49	10.40	1458	-	-	6.02	6.64	1100	10.3	1 U	-
1-Feb-06	42.70	893.59	10.40	1343	1.10	48.3	11.10	7.08	1100 J	-	-	-
1-May-06	37.81	898.48	11.52	1686	1.64	49.2	10.50	6.83	1100	-	-	-
1-Aug-06	46.11	890.18	14.10	1357	2.33	43.0	10.70	7.11	1100	-	-	-
1-Nov-06	46.47	889.82	-	-	-	-	-	-	-	-	-	-
28-Dec-06	33.20	903.09	-	-	-	-	-	-	-	-	-	-
7-Feb-07	34.50	901.79	-	-	-	-	-	-	-	-	-	-
7-May-07	36.48	899.81	15.19	1484	0.52	-83.4	6.78	7.60	1100	-	-	-
7-Aug-07	47.57	888.72	11.21	1488	8.80	107.4	9.53	6.51	1200	-	-	-
27-Nov-07	51.25	885.04	13.60	1483	1.82	-129.5	434.00	7.11	1000 J	5.72	1 U	-
8-Feb-08	35.12	901.17	14.71	1489	3.11	-	10.20	6.97	1100	-	-	-
8-Aug-08	46.98	889.31	13.27	1617	2.49	105.3	5.32	6.96	1200 J	7.82	1 U	5570
1-Nov-08	43.35	892.94	11.17	1096	7.29	127.1	47.30	7.70	1100	9.8	1 U	5610
11-Feb-09	37.00	899.29	10.28	1112	4.15	-	7.68	7.25	1100	7.52	1 U	5560
9-May-09	36.53	899.76	13.87	1209	2.93	89.0	5.45	7.41	990 J	7.57	1 U	5580
24-Sep-09	53.61	882.68	12.10	1328	1.98	331.0	3.26	6.92	1200	7.9	2 U	5700
14-Dec-09	33.72	902.57	10.20	1519	0.55	393.0	2.82	6.99	1100	3.4	2 U	5700
22-Mar-10	35.11	901.18	10.90	1463	-	508.0	3.95	6.94	1200	10	2 U	5600
15-Jun-10	33.26	903.03	11.00	1485	0.20	210.3	1.50	7.02	1100	11	2 U	5900
20-Sep-10	45.81	890.48	11.30	1484	0.06	159.7	0.91	6.98	1100	9.1	0.48 J	6000
6-Dec-10	36.20	900.09	10.70	1494	0.08	35.4	0.24	7.21	1200	6.8	0.48 J	5200
28-Mar-11	35.07	901.22	10.70	749	0.08	136.8	0.16	6.88	1100	6.8	2 U	5500
20-Jun-11	38.53	897.76	11.40	1439	0.08	-19.2	0.21	6.99	1400	4.6 J	2 U	5500
26-Sep-11	50.43	885.86	11.20	1249	0.07	38.5	0.41	7.01	1200	4.5 J	2 U	5700
13-Dec-11	51.30	884.99	10.40	1308	0.06	50.3	2.03	7.07	530	7.6	2 U	6100
22-Mar-12	43.75	892.54	10.60	1695	0.08	125.1	0.28	6.99	1200	12	2 U	5700
18-Jun-12	44.86	891.43	Monitored Semiannually[1]									
18-Sep-12	55.74	880.55	12.90	1506	0.05	99.5	0.36	7.08	1300	10	0.4 U	5800
18-Dec-12	41.94	894.35	Monitored Semiannually[1]									
21-Feb-13	37.86	898.43	10.40	1730	0.02	131.5	0.41	7.27	1200	13	0.4 U	6300
22-May-13	39.34	896.95	Monitored Semiannually[1]									
20-Aug-13	49.40	886.89	11.90	1707	0.05	-37.6	0.69	7.00	1240	10.2	0.1 U	6000
19-Nov-13	44.94	891.35	Monitored Semiannually[1]									

Table 5a: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1SDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
31-Mar-14	33.31	902.98	11.20	1256	0.01	103.5	0.27	7.00	1200	13.1	0.1 U	6580
21-May-14	33.37	902.92	Monitored Semiannually[1]									
15-Aug-14	45.31	890.98	13.43	1467	0.71	-1.1	2.32	6.79	1150	13.4	0.1 U	6100
14-Nov-14	44.83	891.46	Monitored Semiannually[1]									
10-Feb-15	35.97	900.32	11.00	1423	0.04	-109.4	2.16	7.00	1200	13	0.1 U	6260
4-May-15	38.67	897.62	Monitored Semiannually[1]									
4-Aug-15	49.21	887.08	12.50	1253	0.04	-100.7	0.26	7.07	1230	13.9	0.1 U	6070
5-Nov-15	56.85	879.44	11.20	1159	0.02	57.4	0.91	6.75	1190	14.9	0.1 U	6990
8-Feb-16	33.02	903.27	11.60	1429	0.00	167.6	0.10	7.05	1190	19.4	0.1 U	6730
2-May-16	37.48	898.81	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-16	49.78	886.51	12.10	1232	0.06	-143.8	0.77	7.00	Monitored Annually[2]			
1-Nov-16	47.49	888.80	Monitored Semiannually[2]						Monitored Annually[2]			
31-Jan-17	35.57	900.72	11.10	1620	0.05	-241.6	0.24	6.99	1260	21.8	0.1 U	6690
30-May-17	34.70	901.59	Monitored Semiannually[2]						Monitored Annually[2]			
16-Aug-17	44.32	891.97	11.90	1621	0.12	-144.5	0.47	6.97	Monitored Annually[2]			
9-Nov-17	44.71	891.58	Monitored Semiannually[2]						Monitored Annually[2]			
28-Feb-18	32.04	904.25	10.70	1278	0.16	-58.5	0.11	6.82	1244	22.4	0.1 U	6530
1-May-18	33.99	902.30	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-18	47.95	888.34	11.97	1246	1.17	4.10	0.17	6.88	Monitored Annually[2]			
6-Nov-18	52.94	883.35	Monitored Semiannually[2]						Monitored Annually[2]			
12-Mar-19	33.09	903.20	10.40	1157	0.55	-23.0	0.62	6.81	1200	20.7	0.1 U	951
8-May-19	34.37	901.92	Monitored Semiannually[2]						Monitored Annually[2]			
27-Aug-19	47.88	888.41	12.51	1314	0.15	Note 1	0.39	6.80	Monitored Annually[2]			
13-Nov-19	47.03	889.26	Monitored Semiannually[2]						Monitored Annually[2]			
14-Feb-20	31.08	905.21	10.60	1249	0.38	-82.2	0.10	6.61	1230	18.3	0.1 U	6360
13-Aug-20	43.99	892.30	11.70	1176	0.56	-67.7	0.18	6.78	Monitored Annually[2]			
9-Dec-20	39.67	896.62	Monitored Semiannually[2]						Monitored Annually[2]			
5-Mar-21	34.96	901.33	11.00	1257	0.26	-38	0.24	6.95	1200	19.5	0.1 U	6150
10-Jun-21	42.65	893.64	Monitored Semiannually[2]						Monitored Annually[2]			
18-Oct-21	55.97	880.32	11.7	858	0.86	-92.3	0.48	6.84	Monitored Annually[2]			
5-Jan-22	33.64	902.65	Monitored Semiannually[2]						Monitored Annually[2]			
18-Mar-22	38.2	898.09	11.5	1096	1.17	-40.8	0.31	7.18	1260	16.6	0.1 U	6400
21-Jun-22	35.46	900.83	Monitored Semiannually[2]						Monitored Annually[2]			
13-Sep-22	44.37	891.92	11.8	1122	2.97	6.4	4.73	6.42	Monitored Annually[2]			
12-Dec-22	42.96	893.33	Monitored Semiannually[2]						Monitored Annually[2]			
16-Mar-23	34.48	901.81	11.5	1633	0.21	-28.9	0.42	6.88	1200	16.5	0.1 U	5580
26-Jun-23	39.87	896.42	Monitored Semiannually[2]						Monitored Annually[2]			
5-Sep-23	47.77	888.52	11.9	1673	3.02	-1.4	3.03	6.99	Monitored Annually[2]			
12-Dec-23	37.23	899.06	Monitored Semiannually[2]						Monitored Annually[2]			

Table 5a: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1SDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
8-Mar-24	33.71	902.58	11	1032	4.94	4.9	2.34	6.81	1270	16.5	0.103 U	5590
19-Jun-24	36.7	899.59	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-24	46.01	890.28	11.7	1523	8.07	155.4	1.01	6.54	Monitored Annually[2]			
9-Dec-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
25-Mar-25	32.84	903.45	12.6	1651	0.92	69.1	1.97	6.81	1130	15.2	0.2 U	5430
11-Jun-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-25	50.75	885.54	13.9	1815	2.59	-433.2	0.99	6.52	Monitored Annually[2]			
18-Dec-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-26	16.6	919.69	11	948	0.07	95.3	0.42	6.64	1150 B	15.7	0.100 U	5910

Notes:
Top of casing elevation (feet NAVD88): 936.29

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated May 16, 2012
2	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5b: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1DDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
2-Dec-02	87.28	848.09	11.1	557	-	-	-	7.72	540	32.7	0.5 U	-
3-Mar-03	48.63	886.74	12.0	623	-	-	24.00	7.48	370	7.08	-	-
3-May-03	47.12	888.25	12.1	548	-	-	264.00	7.54	440	-	-	-
3-Aug-03	64.60	870.77	23.23	675	-	-	195.00	7.36	450	-	-	-
1-Nov-03	66.14	869.23	11.0	400	-	-	15.50	8.10	437	6.03	0.5 U	-
1-Feb-04	46.55	888.82	10.68	455	-	-	8.70	7.15	440	-	-	-
1-May-04	55.82	879.55	13.61	508	-	-	12.40	7.58	429	-	-	-
1-Aug-04	61.89	873.48	13.15	585	-	-	15.70	7.47	399	-	-	-
1-Nov-04	56.83	878.54	10.94	655	-	-	9.40	7.22	477	3.08	1 U	-
1-Feb-05	47.31	888.06	12.80	778	-	-	8.39	7.35	451	-	-	-
1-May-05	48.60	886.77	12.86	743	-	-	4.22	7.25	432	-	-	-
1-Aug-05	56.80	878.57	14.17	746	-	-	3.10	6.99	518	-	-	-
1-Nov-05	66.85	868.52	10.20	702	-	-	5.36	7.11	470	3.6	1 U	-
1-Feb-06	47.88	887.49	10.11	648	0.71	109.4	2.72	7.53	450 J	-	-	-
1-May-06	52.23	883.14	12.22	686	1.82	43.7	3.68	7.43	450	-	-	-
1-Aug-06	59.41	875.96	12.28	665	1.06	-74.0	14.20	7.36	480	-	-	-
1-Nov-06	61.84	873.53	-	-	-	-	-	-	-	-	-	-
28-Dec-06	48.26	887.11	-	-	-	-	-	-		-	-	-
7-Feb-07	49.64	885.73	-	-	-	-	-	-	-	-	-	-
7-May-07	53.24	882.13	12.44	722	0.74	-150.8	6.06	7.94	470	-	-	-
7-Aug-07	60.45	874.92	13.76	712	0.79	-50.0	4.53	7.28	500	-	-	-
27-Nov-07	63.40	871.97	14.41	711	0.45	-194.4	7.07	7.34	470 J	2.89	1 U	-
8-Feb-08	49.23	886.14	14.07	737	0.62	-	6.28	7.46	500	-	-	-
8-Aug-08	59.69	875.68	13.73	812	0.67	-24.7	9.33	7.37	560 J	2.26	1 U	3000 U
1-Nov-08	57.38	877.99	14.75	619	0.89	-42.5	4.40	7.45	480	2.22	1 U	3000 U
10-Feb-09	50.92	884.45	6.50	618	10.51	-	655.00	7.69 J	530	2.19	1 U	3010
9-May-09	51.25	884.12	13.95	637	2.21	39.3	5.87	7.74	540 J	2.42	1 U	3000 U
25-Sep-09	65.46	869.91	13.20	678	2.25	331.8	2.29	7.15	570	1.8 J	2 U	3300
17-Dec-09	49.40	885.97	10.60	794	0.99	224.0	3.97	7.58	440	0.7 J	2 U	3200 J
22-Mar-10	49.18	886.19	10.40	762	-	245.0	0.74	7.39	580	4.5	2 U	3200 J
15-Jun-10	46.88	888.49	12.10	762	0.05	142.1	0.47	7.50	420	5.5	2 U	3300
20-Sep-10	58.97	876.40	11.40	765	0.07	89.6	0.47	7.47	520	4.7	0.27 J	3400
6-Dec-10	50.66	884.71	10.20	763	0.19	58.9	0.32	7.72	550	1.3 J	2 U	3200 J
28-Mar-11	48.89	886.48	10.50	376	0.55	165.0	0.73	7.53	470	3.7	2 U	3000 J
20-Jun-11	52.13	883.24	13.40	718	0.45	-65.1	0.75	7.53	600 J	5 U	2 U	3500
26-Sep-11	63.02	872.35	11.80	633	1.73	-6.0	1.72	7.61	560	5 U	2 U	3500
13-Dec-11	63.88	871.49	8.60	678	0.69	-24.7	1.95	7.56	530	5.7	2 U	4100
22-Mar-12	56.96	878.41	5.60	877	1.89	-26.6	0.84	7.69	540	3.4	0.4 U	3000 J
18-Jun-12	58.01	877.36	Monitored Semiannually[1]									
18-Sep-12	67.78	867.59	26.30	838	3.62	12.4	1.27	7.70	540	3.1	0.4 U	3100 J
18-Dec-12	56.10	879.27	Monitored Semiannually[1]									
21-Feb-13	51.62	883.75	4.30	895	7.54	31.3	0.83	8.04	510	3.6	0.4 U	3600
22-May-13	53.14	882.23	Monitored Semiannually[1]									
20-Aug-13	62.35	873.02	12.30	526	0.08	-60.4	2.91	7.47	585	3.2	0.1 U	3200
19-Nov-13	58.70	876.67	Monitored Semiannually[1]									

Table 5b: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1DDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
31-Mar-14	46.60	888.77	11.10	622	0.04	48.4	0.45	7.52	561	1.8	0.1 U	3340
21-May-14	46.96	888.41	Monitored Semiannually[1]									
15-Aug-14	58.62	876.75	12.48	732	0.90	-62.4	2.04	7.16	564	2	0.2	3140
14-Nov-14	59.59	875.78	Monitored Semiannually[1]									
10-Feb-15	49.61	885.76	10.90	717	0.03	-114.4	1.82	7.48	551	2.9	0.1 U	3270
4-May-15	52.25	883.12	Monitored Semiannually[1]									
4-Aug-15	61.71	873.66	12.00	618	0.04	-115.0	0.35	7.56	552	3	0.1 U	3360
5-Nov-15	68.72	866.65	11.10	625	0.05	27.5	1.26	7.21	603	1.6	0.1 U	3590
8-Feb-16	46.93	888.44	11.40	794	0.00	155.1	0.17	7.57	599	2.1	0.1 U	3800
2-May-16	50.77	884.60	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-16	62.11	873.26	11.60	770	0.04	-251.0	0.86	7.50	Monitored Annually[2]			
1-Nov-16	61.71	873.66	Monitored Semiannually[2]						Monitored Annually[2]			
31-Jan-17	49.02	886.35	10.60	916	0.13	-310.4	0.35	7.47	676	1.87	0.1 U	3410
30-May-17	48.11	887.26	Monitored Semiannually[2]						Monitored Annually[2]			
16-Aug-17	57.17	878.20	11.80	898	0.12	-210.9	0.22	7.42	Monitored Annually[2]			
9-Nov-17	58.71	876.66	Monitored Semiannually[2]						Monitored Annually[2]			
28-Feb-18	45.21	890.16	10.20	758	0.19	-166.6	0.20	7.26	694	2.87	0.1 U	3340
1-May-18	47.40	887.97	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-18	60.25	875.12	11.58	705	2.22	-153.0	0.14	7.37	Monitored Annually[2]			
6-Nov-18	65.30	870.07	Monitored Semiannually[2]						Monitored Annually[2]			
12-Mar-19	46.35	889.02	9.80	707	0.58	-119.9	0.16	7.24	668	4.96	0.1 U	4210
8-May-19	47.20	888.17	Monitored Semiannually[2]						Monitored Annually[2]			
27-Aug-19	59.87	875.50	11.95	762	0.39	Note 1	0.02	7.20	Monitored Annually[2]			
13-Nov-19	60.20	875.17	Monitored Semiannually[2]						Monitored Annually[2]			
14-Feb-20	44.28	891.09	10.30	760	0.30	-169.3	1.09	7.11	717	4.56	0.1 U	4070
13-Aug-20	57.57	877.80	11.10	739	0.91	-145.8	0.31	7.17	Monitored Annually[2]			
9-Dec-20	54.25	881.12	Monitored Semiannually[2]						Monitored Annually[2]			
5-Mar-21	48.74	886.63	10.70	724	0.27	-222	0.61	7.36	592	4.06	0.1 U	3880
10-Jun-21	59.90	875.47	Monitored Semiannually[2]						Monitored Annually[2]			
18-Oct-21	67.32	868.05	11.60	561	0.83	-149	0.33	7.23	Monitored Annually[2]			
5-Jan-22	47.77	887.60	Monitored Semiannually[2]						Monitored Annually[2]			
18-Mar-22	48.37	887	11.3	741	1.2	-93.4	0.39	7.52	781	4.64	0.1 U	4240
21-Jun-22	49.68	885.69	Monitored Semiannually[2]						Monitored Annually[2]			
13-Sep-22	57.47	877.9	11.9	778	2.5	-91	0.45	6.84	Monitored Annually[2]			
12-Dec-22	57.68	877.69	Monitored Semiannually[2]						Monitored Annually[2]			
16-Mar-23	48.34	887.03	11.7	1110	0.29	-89.5	0.38	7.19	783	5.45	0.1 U	3870
26-Jun-23	53.28	882.09	Monitored Semiannually[2]						Monitored Annually[2]			
5-Sep-23	60.34	875.03	11.7	1136	2.65	-49.8	1.99	7.38	Monitored Annually[2]			
12-Dec-23	52.09	883.28	Monitored Semiannually[2]						Monitored Annually[2]			

Table 5b: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-1DDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
8-Mar-24	47.77	887.6	11	746	4.16	-99.6	1.62	7.19	767	4.74	0.132 J	3990
19-Jun-24	50.3	885.07	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-24	58.65	876.72	14.8	1033	8.91	151.5	2.74	7.16	Monitored Annually[2]			
9-Dec-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
25-Mar-25	46.73	888.64	15.7	1194	0.65	45.3	4.53	7.1	828	5.1	0.232	4280
11-Jun-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-25	62.95	872.42	15.7	1289	1.14	-545.5	0.48	6.8	Monitored Annually[2]			
18-Dec-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-26	45.49	889.88	11.1	744	0.09	76.7	1.22	6.98	809 B	5.09	0.100 U	4220

Notes:
Top of casing elevation (feet NAVD88): 935.37

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated May 16, 2012
2	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5c: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
1-Mar-02	-	-	-	542	-	-	-	7.22	467	-	-	-
1-Jun-02	197.34	735.48	12.00	750	-	-	-	7.10	459	-	-	-
1-Sep-02	199.29	733.53	14.00	660	-	-	-	6.90	499	-	-	-
2-Dec-02	200.09	732.73	10.80	675	-	-	-	6.89	440	1 U	0.5 U	-
3-Mar-03	190.21	742.61	11.90	763	-	-	-	6.98	450	-	-	-
3-May-03	191.78	741.04	12.30	730	-	-	233.00	6.98	550	-	-	-
3-Aug-03	199.82	733.00	16.50	848	-	-	17.00	6.92	520	-	-	-
1-Nov-03	199.97	732.85	11.60	559	-	-	9.20	7.04	522	0.98	0.5 U	-
1-Feb-04	188.78	744.04	11.96	608	-	-	4.86	6.68	560	-	-	-
1-May-04	198.45	734.37	13.69	614	-	-	6.17	6.80	478	-	-	-
1-Aug-04	199.17	733.65	14.38	731	-	-	5.48	6.71	460	-	-	-
1-Nov-04	197.92	734.90	11.62	785	-	-	12.30	6.75	512	1 U	1 U	-
1-Feb-05	186.36	746.46	11.64	806	-	-	1.47	6.94	487	-	-	-
1-May-05	-	-	12.87	790	-	-	15.80	6.89	338	-	-	-
1-Aug-05	196.10	736.72	15.01	603	-	-	45.70	6.44	388	-	-	-
1-Nov-05	196.78	736.04	9.91	549	-	-	13.30	6.66	350	1 U	1 U	-
1-Feb-06	193.93	738.89	8.10	641	2.11	269.2	35.70	6.82	400 J	-	-	-
1-May-06	197.90	734.92	10.88	798	1.67	27.3	5.38	6.50	380	-	-	-
1-Aug-06	198.80	734.02	11.44	534	2.52	205.7	8.74	6.67	360	-	-	-
1-Nov-06	187.36	745.46	10.77	680	2.12	-19.9	18.90	7.06	430	1 U	1 U	-
28-Dec-06	192.37	740.45	-	-	-	-	-	-	-	-	-	-
7-Feb-07	197.46	735.36	10.24	621	0.64	-16.7	27.80	6.89	420	-	-	-
7-May-07	198.49	734.33	-	-	-	-	-	-	-	-	-	-
27-Nov-07	196.48	736.34	-	-	-	-	-	-	-	-	-	-
8-Feb-08	191.30	741.52	-	-	-	-	-	-	-	-	-	-
8-May-08	193.95	738.87	-	-	-	-	-	-	-	-	-	-
27-Sep-11	197.32	735.50	-	-	-	-	-	-	-	-	-	-
13-Dec-11	192.15	740.67	9.6	421	2.10	313.0	16.10	7.49	-	-	-	-
22-Mar-12	183.35	751.47	8.9	546	12.83	166.3	0.56	7.47	-	-	-	-
18-Jun-12	192.54	742.28	-	-	-	-	-	-	-	-	-	-
18-Sep-12	199.51	735.31	16.2	508	2.21	120.0	1.27	7.58	-	-	-	-
18-Dec-12	184.52	750.30	-	-	-	-	-	-	-	-	-	-
21-Feb-13	190.65	744.17	7.6	678	5.33	342.6	6.61	8.02	-	-	-	-
22-May-13	198.05	736.77	-	-	-	-	-	-	-	-	-	-
20-Aug-13	200.47	734.35	13.0	488	3.26	90.2	8.47	7.42	-	-	-	-
19-Nov-13	196.59	738.23	-	-	-	-	-	-	-	-	-	-
31-Mar-14	186.78	748.04	11.4	421	7.28	195.1	1.70	7.47	-	-	-	-
21-May-14	192.27	742.55	-	-	-	-	-	-	-	-	-	-
15-Aug-14	199.97	734.85	18.9	492	0.97	1.4	52.50	7.01	-	-	-	-
14-Nov-14	196.60	738.22	-	-	-	-	-	-	-	-	-	-
10-Feb-15	183.97	750.85	10.2	450	7.65	121.4	1.02	7.34	-	-	-	-
4-May-15	194.19	740.63	-	-	-	-	-	-	-	-	-	-
4-Aug-15	198.35	736.47	13.6	432	3.07	18.6	0.27	7.47	-	-	-	-
3-Nov-15	198.25	736.57	10.3	405	2.57	106.2	7.07	7.35	-	-	-	-
8-Feb-16	188.43	746.39	12.5	536	2.77	189.8	0.25	7.78	-	-	-	-
2-May-16	195.72	739.10	Monitored Semiannually[1]						-	-	-	-
22-Aug-16	197.89	736.93	14.0	418	1.27	-123.1	4.36	7.32	-	-	-	-
1-Nov-16	195.49	739.33	Monitored Semiannually[1]						-	-	-	-

Table 5c: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
31-Jan-17	186.94	747.88	9.2	506	5.26	-45.4	0.38	7.45	-	-	-	-
30-May-17	190.62	744.20	Monitored Semiannually[1]						-	-	-	-
16-Aug-17	197.55	737.27	13.3	540	2.31	37.3	3.42	7.37	-	-	-	-
9-Nov-17	197.11	737.71	Monitored Semiannually[1]						-	-	-	-
28-Feb-18	185.96	748.86	10.1	390	5.95	204.7	1.62	7.15	-	-	-	-
1-May-18	184.95	749.87	Monitored Semiannually[1]						-	-	-	-
22-Aug-18	197.40	737.42	13.7	412	3.10	85.5	1.66	7.27	-	-	-	-
6-Nov-18	197.94	736.88	Monitored Semiannually[1]						-	-	-	-
12-Mar-19	182.84	751.98	8.7	332	6.25	148.4	1.93	7.28	-	-	-	-
8-May-19	185.36	749.46	Monitored Semiannually[1]						-	-	-	-
27-Aug-19	196.56	738.26	11.92	411	8.82	Note 1	0.02	7.28	-	-	-	-
13-Nov-19	196.74	738.08	Monitored Semiannually[1]						-	-	-	-
13-Feb-20	177.10	757.72	9.3	453	3.03	91.0	2.31	7.56	-	-	-	-
13-Aug-20	200.97	733.85	12.2	422	3.04	35.0	0.96	7.42	-	-	-	-
9-Dec-20	197.86	736.96	Monitored Semiannually[1]						-	-	-	-
5-Mar-21	197.42	737.40	10.0	398	3.79	112.0	1.17	7.37	-	-	-	-
10-Jun-21	199.94	734.88	Monitored Semiannually[1]						-	-	-	-
18-Oct-21	200.24	734.58	12.6	307.7	6.06	161.4	12.3	7.35	-	-	-	-
5-Jan-22	192.66	742.16	Monitored Semiannually[1]						-	-	-	-
21-Mar-22	193.68	741.14	9.6	369	7.04	125.6	5.95	6.63	-	-	-	-
21-Jun-22	191.33	743.49	Monitored Semiannually[1]						-	-	-	-
13-Sep-22	200.03	734.79	12.6	404.7	8.66	252.7	10.5	6.91	-	-	-	-
12-Dec-22	197.99	736.83	Monitored Semiannually[1]						-	-	-	-
15-Mar-23	192.63	742.19	11.4	591.7	2.44	41.8	5.56	7.53	-	-	-	-
26-Jun-23	198.92	735.9	Monitored Semiannually[1]						-	-	-	-
5-Sep-23	200.21	734.61	12.1	571.3	3.59	8.3	10.5	7.36	-	-	-	-
13-Dec-23	183.09	751.73	Monitored Semiannually[1]						-	-	-	-

Table 5c: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-2DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
6-Mar-24	192.55	742.27	9.1	577	8.66	35.4	4.3	7.75	-	-	-	-
19-Jun-24	194.6	740.22	Monitored Semiannually[1]						-	-	-	-
19-Sep-24	199.64	735.18	11.9	540	9.23	162.1	1.07	6.96	-	-	-	-
9-Dec-24	-	-	Monitored Semiannually[1]						-	-	-	-
26-Mar-25	184	750.82	12.9	554.4	6.4	75.4	6.98	7.16	-	-	-	-
11-Jun-25	-	-	Monitored Semiannually[1]						-	-	-	-
17-Sep-25	200.69	734.13	12.4	600	6.81	-217.2	3.92	7.22	-	-	-	-
18-Dec-25	-	-	Monitored Semiannually[1]						-	-	-	-
31-Mar-26	188.19	746.63	10.4	545	5.27	276.8	4.33	7.91	-	-	-	-

Notes:
Top of casing elevation (feet NAVD88) prior to raising casing: 932.82
Top of casing elevation (feet NAVD88) after raising casing (December 14, 2011): 934.82

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
J+	Data validation code; estimated value with positive bias
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5d: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-4SDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
26-Sep-11	25.77	906.64	11.40	553	0.86	197.2	-	7.21	-	-	-	-
13-Dec-11	24.94	907.47	9.70	625	1.73	658.0	22.70	7.68	-	-	-	-
22-Mar-12	23.80	908.61	9.60	785	3.71	242.6	8.14	7.30	-	-	-	-
19-Jun-12	24.09	908.32	-	-	-	-	-	-	-	-	-	-
18-Sep-12	25.68	906.73	16.50	664	2.37	150.0	19.20	7.34	-	-	-	-
18-Dec-12	23.02	909.39	-	-	-	-	-	-	-	-	-	-
21-Feb-13	23.50	908.91	10.00	840	6.55	352.4	3.42	7.42	-	-	-	-
22-May-13	23.84	908.57	-	-	-	-	-	-	-	-	-	-
20-Aug-13	25.08	907.33	13.50	539	2.91	45.1	1.87	7.22	-	-	-	-
19-Nov-13	22.76	909.65	-	-	-	-	-	-	-	-	-	-
31-Mar-14	21.39	911.02	12.20	511	6.31	197.3	1.38	7.58	-	-	-	-
21-May-14	19.82	912.59	-	-	-	-	-	-	-	-	-	-
15-Aug-14	24.00	908.41	12.81	647	0.82	7.5	5.42	6.62	-	-	-	-
14-Nov-14	22.28	910.13	-	-	-	-	-	-	-	-	-	-
10-Feb-15	21.10	911.31	12.30	636	2.56	-71.9	1.11	7.11	-	-	-	-
4-May-15	22.65	909.76	-	-	-	-	-	-	-	-	-	-
5-Aug-15	24.65	907.76	13.50	563	3.21	116.4	55.20	7.42	-	-	-	-
3-Nov-15	23.87	908.54	12.20	493	4.65	114.4	5.78	7.52	-	-	-	-
8-Feb-16	19.39	913.02	15.80	670	3.92	163.5	5.06	7.59	-	-	-	-
2-May-16	20.99	911.42	Monitored Semiannually[1]						-	-	-	-
22-Aug-16	24.42	907.99	17.60	527	5.01	106.0	1.39	7.44	-	-	-	-
1-Nov-16	21.31	911.10	Monitored Semiannually[1]						-	-	-	-
31-Jan-17	21.11	911.30	12.10	680	2.75	-146.1	1.48	7.35	-	-	-	-
17-Aug-17	22.58	909.83	12.60	673	5.22	177.8	1.97	7.15	-	-	-	-
9-Nov-17	20.72	911.69	Monitored Semiannually[1]						-	-	-	-
28-Feb-18	17.09	915.32	11.10	509	8.34	29.0	0.72	7.37	-	-	-	-
1-May-18	17.76	914.65	Monitored Semiannually[1]						-	-	-	-
22-Aug-18	Could not be safely accessed due to wasp nests.								-	-	-	-
6-Nov-18	21.70	910.71	Monitored Semiannually[1]						-	-	-	-
12-Mar-19	18.30	914.11	10.10	215	9.65	18.9	0.39	7.86	-	-	-	-
8-May-19	19.09	913.32	Monitored Semiannually[1]						-	-	-	-
27-Aug-19	22.85	909.56	14.79	562	8.59	Note 1	3.60	7.80	-	-	-	-
13-Nov-19	21.95	910.46	Monitored Semiannually[1]						-	-	-	-
13-Feb-20	16.60	915.81	10.80	458	8.74	68.0	1.98	7.83	-	-	-	-
13-Aug-20	21.96	910.45	12.60	503	8.74	-39.8	1.89	7.83	-	-	-	-
9-Dec-20	20.58	911.83	Monitored Semiannually[1]						-	-	-	-
5-Mar-21	17.69	914.72	11.30	497	6.84	90.0	1.46	7.91	-	-	-	-
10-Jun-21	21.47	910.94	Monitored Semiannually[1]						-	-	-	-
18-Oct-21	23.22	909.19	13.5	368.9	8.47	130.8	1.36	7.63	-	-	-	-
5-Jan-22	17.66	914.75	Monitored Semiannually[1]						-	-	-	-
21-Mar-22	16.7	915.71	10.7	456.3	9.94	115.5	2.79	7.05	-	-	-	-
21-Jun-22	17.95	914.46	Monitored Semiannually[1]						-	-	-	-
13-Sep-22	21.6	910.81	15.3	531	7.87	90.3	1.45	7.53	-	-	-	-
12-Dec-22	19.02	913.39	Monitored Semiannually[1]						-	-	-	-
15-Mar-23	17.46	914.95	12.3	668	8.07	57.4	2.67	7.85	-	-	-	-
26-Jun-23	19.98	912.43	Monitored Semiannually[1]						-	-	-	-

Table 5d: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-4SDSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
5-Sep-23	Could not be safely accessed due to wasp nests.								-	-	-	-
13-Dec-23	16.91	915.5	Monitored Semiannually[1]						-	-	-	-
8-Mar-24	15.77	916.64	10.9	558	8.79	90.8	0.74	7.82	-	-	-	-
19-Jun-24	18.55	913.86	Monitored Semiannually[1]						-	-	-	-
16-Sep-24	Could not be safely accessed due to wasp nests.								-	-	-	-
9-Dec-24	-	-	Monitored Semiannually[1]						-	-	-	-
26-Mar-25	15.10	917.31	12.8	649	10.58	76.9	2.71	7.8	-	-	-	-
11-Jun-25	-	-	Monitored Semiannually[1]						-	-	-	-
18-Sep-25	Could not be safely accessed due to wasp nests.								-	-	-	-
18-Dec-25	-	-	Monitored Semiannually[1]						-	-	-	-
26-Mar-26	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

Top of casing elevation (feet NAVD88) prior to DSP Cover Upgrade: 939.42
Top of casing elevation (feet NAVD88) after DSP Cover Upgrade (completed July 2011): 932.41

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016, extended October 10, 2019. Field parameters collected semi-annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
a	CUL provided in Remedial Investigation Report (WSP 2025)
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5e: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-5DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
18-Dec-06	20.56	914.49	11.30	1054	0.59	-10.5	6.76	7.01	630	4.46	1 U	-
7-Jan-07	18.48	916.57	12.53	700	0.61	-70.6	33.50	7.11	540	5.19	1 U	-
7-Feb-07	21.53	913.52	11.59	557	0.57	-59.1	33.50	6.88	530	5.19	1 U	-
7-Mar-07	15.34	919.71	11.71	817	0.45	-2.4	91.20	6.52	550 J	4.91	1 U	-
7-Apr-07	17.97	917.08	11.96	909	0.25	0.2	121.00	6.91	560	4.75	1 U	-
1-May-07	26.92	908.13	12.55	880	4.20	-14.3	63.70	7.13	540	4.9	1 U	-
7-Jun-07	29.94	905.11	13.12	1016	3.20	-5.6	3.58	7.52	600 J	4.37	1 U	-
7-Jul-07	35.27	899.78	13.00	910	1.74	-27.4	9.97	7.24	550	4.91	1 U	-
7-Aug-07	39.55	895.50	12.40	1065	0.92	-14.6	4.62	6.99	590	4.46	1 U	-
7-Sep-07	44.69	890.36	12.36	696	0.68	-33.3	3.22	7.29	590	4.92	1 U	-
26-Oct-07	38.90	896.15	11.46	667	0.56	-18.3	22.60	6.98	620 J	4.43	1 U	-
27-Nov-07	38.79	896.26	11.71	914	0.56	-46.7	3.32	6.91	560 J	4.9	1 U	-
12-Dec-07	35.33	899.72	12.61	909	0.53	-27.3	4.28	6.87	820	4.09	1 U	-
24-Jan-08	28.97	906.08	10.72	872	0.78	-49.1	-	7.14	550	4.72	1 U	-
8-Feb-08	26.00	909.05	11.25	888	0.44	-	4.18	6.85	550	4.5	1 U	-
8-Mar-08	26.03	909.02	10.94	915	0.59	-95.6	3.19	6.89	550	5.21	1 U	-
8-Apr-08	25.03	910.02	11.27	931	0.61	-20.1	3.44	6.89	550 J	4.88	1 U	-
8-May-08	27.33	907.72	11.68	949	0.68	-6.7	5.37	6.62	580 J	5.34	1 U	-
8-Jun-08	28.38	906.67	11.40	948	0.75	-50.4	1.59	6.68	580 J	4.45	1 U	-
8-Aug-08	39.80	895.25	11.80	970	0.68	-78.6	1.72	6.84	610 J	4.64	1 U	3000 U
1-Nov-08	33.96	901.09	11.20	682	0.63	-115.4	0.95	6.82	540	4.8	1 U	3000 U
10-Feb-09	25.56	909.49	10.54	671	0.71	-71.7	0.98	7.05	610	4.73	1 U	3000 U
9-May-09	25.79	909.26	11.23	682	0.55	-5.8	0.86	7.68	560 J	3.4	1 U	3000 U
14-Dec-09	30.45	904.60	9.80	901	0.18	200.0	0.70	6.96	450	1.7 J	2 U	2500 J
23-Mar-10	19.92	915.13	11.30	773	0.25	148.0	4.40	6.86	510	5.6	2 U	2600 J
15-Jun-10	16.74	918.31	11.00	838	0.10	202.3	2.89	7.01	860 J	8.2	2 U	2800 J
20-Sep-10	33.31	901.74	11.20	852	0.09	174.7	0.60	6.97	540	6.2	2 U	2700 J
6-Dec-10	19.81	915.24	10.80	838	0.10	30.5	0.47	7.17	530	3.8	2 U	2300 J
28-Mar-11	17.16	917.89	10.80	403	0.15	48.4	1.13	6.89	500 J	2.3	2 U	2300 J
20-Jun-11	18.95	916.10	11.10	775	0.05	-29.1	0.37	7.01	610 J	5 U	2 U	2400 J
26-Sep-11	33.71	901.34	11.20	690	0.03	-8.7	0.54	7	560	4.1 J	2 U	2800 J
13-Dec-11	24.48	910.57	10.50	730	0.05	93.6	1.92	7.07	520	6.1	2 U	2800 J
21-Mar-12	15.54	919.51	10.70	883	0.06	106.9	0.34	6.9	500	6.5	2 U	2400 J
19-Jun-12	17.01	918.04	Monitored Semiannually[1]									
19-Sep-12	29.82	905.23	11.90	877	0.00	122.0	0.47	7.08	490	6.9	0.4 U	2600 J
18-Dec-12	17.39	917.66	Monitored Semiannually[1]									
21-Feb-13	18.84	916.21	10.60	875	0.05	103.3	0.40	7.32	510	5.9	0.4 U	2600 J
22-May-13	20.25	914.80	Monitored Semiannually[1]									
20-Aug-13	30.15	904.90	12.10	530	0.06	-50.3	0.75	6.98	510	5.6	0.1 U	2500
19-Nov-13	22.73	912.32	Monitored Semiannually[1]									
31-Mar-14	15.50	919.55	11.30	574	0.06	95.7	0.53	7.15	447	5.6	0.1 U	2720
21-May-14	14.83	920.22	Monitored Semiannually[1]									
15-Aug-14	25.16	909.89	14.49	741	0.48	-24.0	2.92	6.87	477	5.9	0.1 U	2550
14-Nov-14	22.25	912.80	Monitored Semiannually[1]									

Table 5e: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-5DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
10-Feb-15	15.98	919.07	11.40	693	0.04	-117.5	0.80	7.13	503	5.9	0.1 U	2560
4-May-15	20.05	915.00	Monitored Semiannually[1]									
4-Aug-15	31.90	903.15	11.90	620	0.16	-71.1	0.47	7.13	517	6.4	0.1 U	2670
5-Nov-15	32.00	903.05	11.40	605	0.00	37.5	1.16	6.84	511	5.3	0.1 U	3060
8-Feb-16	17.13	917.92	11.80	720	0.00	160.4	0.08	7.34	480	6	0.1 U	3020
2-May-16	23.31	911.74	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-16	34.07	900.98	12.50	571	0.00	-	0.66	7.11	Monitored Annually[2]			
1-Nov-16	26.04	909.01	Monitored Semiannually[2]						Monitored Annually[2]			
31-Jan-17	19.36	915.69	12.20	808	0.07	-219.2	0.30	7.21	509	6.76	0.1 U	2840
30-May-17	17.31	917.74	Monitored Semiannually[2]						Monitored Annually[2]			
16-Aug-17	28.13	906.92	12.40	826	0.12	-71.9	0.66	7.10	Monitored Annually[2]			
9-Nov-17	27.17	907.88	Monitored Semiannually[2]						Monitored Annually[2]			
28-Feb-18	16.55	918.50	10.90	657	0.15	-97.6	0.35	7.02	528	5.39	0.1 U	2550
1-May-18	17.69	917.36	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-18	32.63	902.42	12.46	655	0.81	-46.4	0.26	7.01	Monitored Annually[2]			
6-Nov-18	32.44	902.61	Monitored Semiannually[2]						Monitored Annually[2]			
12-Mar-19	18.84	916.21	10.90	597	0.56	-28.1	0.86	6.96	512	4.51	0.1 U	2890
8-May-19	19.75	915.30	Monitored Semiannually[2]						Monitored Annually[2]			
27-Aug-19	33.26	901.79	13.08	688	0.26	Note 1	0.02	6.89	Monitored Annually[2]			
13-Nov-19	33.03	902.02	Monitored Semiannually[2]						Monitored Annually[2]			
14-Feb-20	16.70	918.35	10.90	626	0.34	-99.8	0.33	6.88	524	4.31	0.1 U	2650
13-Aug-20	27.37	907.68	11.80	619	0.55	-70.6	0.40	6.89	Monitored Annually[2]			
9-Dec-20	24.68	910.37	Monitored Semiannually[2]						Monitored Annually[2]			
5-Mar-21	16.91	918.14	11.30	641	0.19	-77.0	0.45	7.09	473	4.84	0.1 U	2450
10-Jun-21	24.68	910.37	Monitored Semiannually[2]						Monitored Annually[2]			
18-Oct-21	29.11	905.94	11.9	440.1	0.87	-86.2	0.35	6.96	Monitored Annually[2]			
5-Jan-22	16.88	918.17	Monitored Semiannually[2]						Monitored Annually[2]			
21-Mar-22	17.14	917.91	11.3	601	1.28	-42.9	0.82	6.26	513	4.79	0.1 U	2560
21-Jun-22	17.25	917.8	Monitored Semiannually[2]						Monitored Annually[2]			
13-Sep-22	27.19	907.86	12.3	606	2.54	-3.7	1.49	6.74	Monitored Annually[2]			
12-Dec-22	24.31	910.74	Monitored Semiannually[2]						Monitored Annually[2]			
16-Mar-23	18.62	916.43	11.7	846	0.21	-19.7	0.41	7.03	497	4.56	0.1 U	2570
26-Jun-23	22.23	912.82	Monitored Semiannually[2]						Monitored Annually[2]			
7-Sep-23	28.89	906.16	13.7	904	1.36	-54.9	0.76	7.03	Monitored Annually[2]			
12-Dec-23	20.99	914.06	Monitored Semiannually[2]						Monitored Annually[2]			

Table 5e: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-5DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
8-Mar-24	17.79	917.26	11.1	711	4.7	10.8	0.35	6.97	500	4.95	0.103 U	2400
19-Jun-24	18.95	916.1	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-24	27.07	907.98	13	778	7.82	143.3	2.96	7.09	Monitored Annually[2]			
9-Dec-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
25-Mar-25	17.73	917.32	14.8	890	1.2	31.5	3.2	7	502	5.43	0.2 U	2700
11-Jun-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
18-Sep-25	30.85	904.2	15.4	951	1.45	-473.1	1.2	6.69	Monitored Annually[2]			
18-Dec-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-26	15.38	894.82	11.3	567	0.08	72.6	0.94	6.81	465 B	5.00	0.100 U	2700

Notes:
Top of casing elevation (feet NAVD88): 935.05

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated May 16, 2012
2	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5f: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-6DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
18-Dec-06	8.13	897.82	9.93	525	0.54	-54.5	0.61	7.78	300	5.37	1 U	-
7-Feb-07	9.40	896.55	11.79	479	1.19	-30.0	7.40	7.41	330	6.01	1 U	-
7-May-07	10.73	895.22	12.26	729	2.83	-103.6	16.40	7.63	480	10.1	1 U	-
7-Aug-07	15.14	890.81	11.42	882	0.75	-11.5	1.82	7.10	470	3.25	1 U	-
27-Nov-07	16.16	889.79	10.98	748	0.37	-47.9	0.83	6.99	440 J	2.82	1 U	-
8-Feb-08	9.66	896.29	11.01	645	0.31	-	0.90	7.05	380	2.68	1 U	-
8-May-08	10.34	895.61	11.27	665	0.64	13.4	1.52	6.93	380 J	2.40	1 U	-
8-Aug-08	14.17	891.78	11.23	683	0.72	-8.2	2.49	7.05	390 J	2.18	1 U	3000 U
1-Nov-08	12.98	892.97	10.61	488	0.60	-45.6	1.35	6.80	380	2.04	1 U	3000 U
10-Feb-09	9.64	896.31	10.32	398	0.52	-57.0	1.20	7.31	350	2.00	1 U	3000 U
9-May-09	9.91	896.04	10.50	405	0.73	-4.0	1.26	7.77	320 J	1.69	1 U	3000 U
23-Sep-09	17.16	888.79	12.50	541	0.25	216.2	5.38	7.14	400 J	0.91 J	2 U	1300 J
14-Dec-09	12.73	893.22	9.10	580	0.47	231.0	2.70	7.23	270	2 U	2 U	1300 J
22-Mar-10	9.62	896.33	10.90	504	-	321.7	3.50	7.22	320	2.00	2 U	1200 J
15-Jun-10	8.30	897.65	11.00	495	0.11	205.1	1.41	7.29	320	4.20	2 U	1300 J
20-Sep-10	14.90	891.05	10.90	560	0.10	187.2	0.28	7.29	270	3.00	2 U	1400 J
6-Dec-10	10.47	895.48	10.50	515	0.12	87.8	0.14	7.47	300	2 U	2 U	1100 J
28-Mar-11	8.71	897.24	10.30	241	0.19	58.9	1.86	7.19	300	2 U	2 U	1100 J
20-Jun-11	9.87	896.08	10.80	477	0.06	141.2	0.20	7.27	340	5 U	2 U	1100 J
26-Sep-11	14.82	891.13	10.80	467	0.05	114.8	0.92	7.26	380	5 U	2 U	1500 J
13-Dec-11	13.02	892.93	10.20	491	0.06	131.3	1.69	7.29	340	5 U	2 U	1600 J
21-Mar-12	8.13	897.82	10.20	550	0.09	160.0	0.07	7.14	310	2.50	0.4 U	1200 J
18-Jun-12	-	-	Monitored Semiannually[1]									
18-Dec-12	8.16	897.79	Monitored Semiannually[1]									
21-Feb-13	8.45	897.50	10.10	594	0.02	152.7	0.28	7.49	300	1.90	0.4 U	1300 J
22-May-13	9.36	896.59	Monitored Semiannually[1]									
20-Aug-13	13.28	892.67	11.70	478	0.01	-43.8	0.54	7.22	349 J	1.60	0.1 U	1300
19-Nov-13	9.71	896.24	Monitored Semiannually[1]									
31-Mar-14	8.42	897.53	10.70	455	0.06	166.1	0.27	7.35	315	1.40	0.1 U	1290
21-May-14	5.99	899.96	Monitored Semiannually[1]									
14-Aug-14	12.03	893.92	13.45	512	0.56	-21.4	1.99	6.95	317	1.70	0.1 U	1270
14-Nov-14	10.68	895.27	Monitored Semiannually[1]									
10-Feb-15	7.39	898.56	10.90	482	0.03	-86.2	0.59	7.32	337	1.40	0.1 U	1230
4-May-15	9.17	896.78	Monitored Semiannually[1]									
4-Aug-15	13.64	892.31	12.40	449	0.18	-81.7	0.27	7.33	385	1.70	0.1 U	1280
5-Nov-15	13.98	891.97	11.50	435	2.23	85.2	1.09	7.04	354	1.30	0.1 U	1470
8-Feb-16	6.74	899.21	11.50	495	0.03	187.2	0.25	7.39	297	1.40	0.1 U	1350
2-May-16	8.64	897.31	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-16	13.27	892.68	12.20	559	0.03	-52.7	0.80	7.28	Monitored Annually[2]			

Table 5f: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Monitoring Well MWB-6DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
1-Nov-16	11.36	894.59	Monitored Semiannually[2]						Monitored Annually[2]			
31-Jan-17	7.91	898.04	10.90	539	0.08	124.4	0.18	7.31	321	1.48	0.1 U	1300
30-May-17	2.65	903.30	Monitored Semiannually[2]						Monitored Annually[2]			
16-Aug-17	12.08	893.87	12.10	573	0.12	-46.9	1.39	7.26	Monitored Annually[2]			
9-Nov-17	11.70	894.25	Monitored Semiannually[2]						Monitored Annually[2]			
28-Feb-18	6.50	899.45	11.00	423	0.19	-61.0	0.18	7.12	138	1.56	0.1 U	1200
1-May-18	6.80	899.15	Monitored Semiannually[2]						Monitored Annually[2]			
22-Aug-18	13.47	892.48	11.61	441	7.44	26.6	0.21	7.11	Monitored Annually[2]			
6-Nov-18	13.96	891.99	Monitored Semiannually[2]						Monitored Annually[2]			
12-Mar-19	7.30	898.65	10.30	363	0.56	-25.1	0.27	7.16	294	1.47	0.1 U	1340
8-May-19	7.77	898.18	Monitored Semiannually[2]						Monitored Annually[2]			
27-Aug-19	13.16	892.79	12.19	454	0.45	Note 1	0.02	7.05	Monitored Annually[2]			
13-Nov-19	26.35	894.30	Monitored Semiannually[2]						Monitored Annually[2]			
13-Feb-20	20.79	899.86	10.60	387	0.39	-76.5	1.05	7.13	313	1.40	0.1 U	1330
13-Aug-20	25.94	894.71	11.70	403	0.65	-64.3	0.60	7.07	Monitored Annually[2]			
9-Dec-20	24.06	896.59	Monitored Semiannually[2]						Monitored Annually[2]			
4-Mar-21	21.56	899.09	10.80	363	0.16	-9.0	1.29	7.30	280	1.10	0.1 U	1240
10-Jun-21	24.55	896.10	Monitored Semiannually[2]						Monitored Annually[2]			
18-Oct-21	28.08	892.57	11.6	273.8	0.96	-73.8	1.38	7.15	Monitored Annually[2]			
5-Jan-22	21.36	899.29	Monitored Semiannually[2]						Monitored Annually[2]			
21-Mar-22	20.7	899.95	10.9	348.2	1.41	102.1	1.4	6.42	297	1.06	0.1 U	1090
21-Jun-22	21.51	899.14	Monitored Semiannually[2]						Monitored Annually[2]			
13-Sep-22	Well Damaged - Unable to Sample[3]											
12-Dec-22	Well Damaged - Unable to Sample[3]											
15-Mar-23	15.98	905.92	10.9	444.1	1.06	16.4	1.17	7.11	251	1.05	0.1 U	1110
26-Jun-23	21.56	900.24	Monitored Semiannually[2]						Monitored Annually[2]			
5-Sep-23	24.52	897.097	11.6	479	2.98	25.8	0.7	7.37	Monitored Annually[2]			
12-Dec-23	19.65	902.467	Monitored Semiannually[2]						Monitored Annually[2]			
8-Mar-24	18.03	902.467	11	370.3	4.37	40	0.34	7.24	264	0.966	0.103 U	1070
18-Jun-24	18.60	903.24	Monitored Semiannually[2]						Monitored Annually[2]			
19-Sep-24	23.55	898.08	11.5	454.9	8.03	136.9	0.71	6.74	Monitored Annually[2]			

Table 5f: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations Monitoring Well MWB-6DSP

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet NAVD88)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
9-Dec-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
25-Mar-25	17.4	901.27	12.1	456.3	0.76	67.3	3.19	7.15	259	1.18	0.2 U	1110
11-Jun-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
17-Sep-25	24.82	896.72	11.7	454.3	0.69	-569	4.27	7.06	Monitored Annually[2]			
18-Dec-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-26	16.6	896.72	10.5	318.6	0.37	79.9	3.3	6.98	230 B	1.66	0.100 U	1180

Notes:

Top of casing elevation (feet NAVD88) prior to raising casing: 905.95
Top of casing elevation (feet NAVD88) after raising casing (post-Q3 2019): 920.65
Top of casing elevation (feet NAVD88) repair (post-Q1 2023): 918.67

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated May 16, 2012
2	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
3	MWB-6DSP was found damaged in July 2022. The well was repaired by late December 2022.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 5g: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Mine Portal

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet msl)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
1-Mar-02	-	-	-	653	-	-	-	7.29	586	-	-	-
1-Jun-02	-	-	12	920	-	-	-	7.20	583	-	-	-
1-Sep-02	-	-	11	920	-	-	-	7.10	651	-	-	-
2-Dec-02	-	-	9.1	900	-	-	-	7.03	570	4.44	0.5 U	-
3-Mar-03	-	-	10.1	873	-	-	-	7.09	530	-	-	-
3-May-03	-	-	11.2	981	-	-	10.00	6.94	590	-	-	-
3-Aug-03	-	-	12.78	1030	-	-	13.00	7.17	630	-	-	-
1-Nov-03	-	-	10.2	569	-	-	4.65	7.53	592	3.33	0.5 U	-
1-Feb-04	-	-	9.31	568	-	-	5.41	6.85	560	-	-	-
1-May-04	-	-	10.93	952	-	-	5.98	7.12	615	-	-	-
1-Aug-04	-	-	12.10	835	-	-	6.29	7.11	601	-	-	-
1-Nov-04	-	-	10.20	941	-	-	6.58	6.94	656	3.41	1 U	-
1-Feb-05	-	-	10.52	889	-	-	8.72	7.41	541	-	-	-
1-May-05	-	-	13.08	953	-	-	8.15	7.31	548	-	-	-
1-Aug-05	-	-	11.08	988	-	-	7.40	7.23	644	-	-	-
1-Nov-05	-	-	9.53	958	-	-	8.58	7.61	640	3.15	1 U	-
1-Feb-06	-	-	9.23	669	7.88	*	7.93	6.78	450 J	-	-	-
1-May-06	-	-	11.49	947	7.60	38.5	10.40	7.01	570	-	-	-
1-Aug-06	-	-	10.52	835	8.82	-39.8	14.10	7.26	640	-	-	-
1-Nov-06	-	-	9.41	740	9.57	-32.2	12.50	7.23	510	2.45	1 U	-
7-Feb-07	-	-	9.90	815	10.99	-6.2	27.80	7.74	510	-	-	-
7-May-07	-	-	18.39	810	11.05	-6.2	11.80	7.61	510	-	-	-
7-Aug-07	-	-	10.42	870	8.72	-44.9	25.20	7.42	560	-	-	-
8-Feb-08	-	-	10.02	708	10.04	-	50.00	7.20	420	-	-	-
8-May-08	-	-	10.83	815	12.13	0.1	7.28	7.29	480 J	-	-	-
8-Aug-08	-	-	10.63	906	11.05	-5.6	11.00	7.05	560 J	3.69	1 U	41600
1-Nov-08	-	-	9.79	553	10.70	-21.1	16.90	7.40	460	3.2	1 U	35500
11-Feb-09	-	-	9.16	488	6.99	-	15.40	7.52	430	2.97	1 U	34200
9-May-09	-	-	9.64	522	10.56	13.4	9.77	7.39	440 J	2.01	1 U	32400
23-Sep-09	-	-	10.70	745	8.95	271.7	14.70	6.88	570	2 U	2 U	40000
15-Dec-09	-	-	8.60	713	5.20	279.0	12.50	6.67	350	2 U	2 U	30000
24-Mar-10	-	-	9.90	681	6.14	370.7	-	6.57	470	4.2	2 U	39000
17-Jun-10	-	-	10.00	623	9.58	-	26.30	7.50	380	5.9	2 U	28000
22-Sep-10	-	-	10.00	783	9.02	225.9	17.40	7.00	510	5.2	2 U	42000
7-Dec-10	-	-	9.90	662	9.15	186.0	13.60	6.95	450	2 U	2 U	32000
29-Mar-11	-	-	9.90	292	5.90	370.8	4.44	6.73	360 J	4.1	2 U	25000
20-Jun-11	-	-	10.50	591	6.42	219.1	4.44	7.01	420	5 U	2 U	26000
26-Sep-11	-	-	10.70	623	5.76	240.5	11.90	6.83	520	5 U	2 U	39000
15-Dec-11	-	-	8.80	472	4.92	310.4	7.32	6.78	430	4.7 J	2 U	32000
21-Mar-12			8.90	611	5.24	313.3	9.16	6.49	330	4.8	0.4 U	20000
18-Jun-12	Monitored Semiannually[1]											
18-Sep-12	-	-	14.20	652	9.70	148.0	20.80	7.48	450	5	0.4 U	29000
18-Dec-12	Monitored Semiannually[1]											
25-Feb-13	-	-	9.20	648	10.10	209.6	4.12	7.58	300	5	0.4 U	25000
25-Feb-13	Monitored Semiannually[1]											
21-Feb-13	-	-	9.20	648	10.10	209.6	4.12	7.58	300	5	0.4 U	25000
22-May-13	Monitored Semiannually[1]											

Table 5g: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations
Mine Portal

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet msl)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
20-Aug-13	-	-	10.80	635	9.31	170.1	8.46	7.11	458	3.9	0.1 U	32300
19-Nov-13	Monitored Semiannually[1]											
31-Mar-14	-	-	10.60	448	9.29	213.5	87.20	7.30	321	3.7	0.18 J	21100
21-May-14	Monitored Semiannually[1]											
15-Aug-14	-	-	10.01	595	10.01	-35.2	6.43	6.99	427	3.5	0.1 U	31500
14-Nov-14	Monitored Semiannually[1]											
10-Feb-15	-	-	10.60	515	9.88	183.5	6.84	7.26	363	2.8	0.07 J	27200
4-May-15	Monitored Semiannually[1]											
4-Aug-15	-	-	10.90	554	9.98	95.8	8.68	7.48	438	2.6	0.1 U	34700
5-Nov-15	-	-	10.30	503	10.24	177.6	13.40	7.46	449	2.8	0.1 U	31800
8-Feb-16	-	-	9.30	541	11.30	215.0	5.12	7.30	293	3.2	0.1 U	23100
-	Monitored Semiannually[2]								Monitored Annually[2]			
24-Aug-16	-	-	13.40	585	9.32	410.0	8.50	7.23	Monitored Annually[2]			
1-Nov-16	-	-	10.90	242	9.13	51.4	7.57	7.41	Monitored Annually[2]			
31-Jan-17	-	-	8.90	663	10.87	-57.4	6.23	7.50	3390	3.97	0.1 U	29200
-	Monitored Semiannually[2]								Monitored Annually[2]			
17-Aug-17	-	-	11.40	712	9.67	-12.4	9.87	7.30	Monitored Annually[2]			
9-Nov-17	Monitored Semiannually[2]								Monitored Annually[2]			
27-Feb-18	-	-	9.50	427	9.94	-46.4	16.70	7.72	354	4.11	0.1 U	20400
1-May-18	Monitored Semiannually[2]								Monitored Annually[2]			
21-Aug-18	-	-	13.13	582	12.46	-23.0	23.10	7.24	Monitored Annually[2]			
6-Nov-18	Monitored Semiannually[2]								Monitored Annually[2]			
12-Mar-19	-	-	8.00	406	11.35	-2.8	10.70	7.97	388	1.56	0.1 U	24700
8-May-19	Monitored Semiannually[2]								Monitored Annually[2]			
27-Aug-19	-	-	10.55	576	11.80	Note 1	154.00	6.78	Monitored Annually[2]			
13-Nov-19	Monitored Semiannually[2]								Monitored Annually[2]			
13-Feb-20	-	-	9.20	382	9.19	-1.3	13.40	6.93	259	3.65	0.1 U	16700
13-Aug-20	-	-	10.10	569	10.01	-27.0	12.20	7.12	Monitored Annually[2]			
9-Dec-20	Monitored Semiannually[2]								Monitored Annually[2]			
4-Mar-21	-	-	9.30	416	5.80	33.0	17.1	6.89	364	4.14	0.1 U	20000
10-Jun-21	Monitored Semiannually[2]								Monitored Annually[2]			
18-Oct-21	-	-	10.9	386.7	5.11	-28.4	86.1	6.45	Monitored Annually[2]			
5-Jan-22	Monitored Semiannually[2]								Monitored Annually[2]			
16-Mar-22	-	-	12	402.9	6.78	70.7	19.8	5.81	348	5.32	0.1 U	18800
21-Jun-22	Monitored Semiannually[2]								Monitored Annually[2]			
14-Sep-22	-	-	12	521	7.29	39.1	93.8	6.7	Monitored Annually[2]			
14-Dec-22	Monitored Semiannually[2]								Monitored Annually[2]			
16-Mar-23	-	-	10.8	667.5	6.16	76.1	8.99	6.86	383	5.08	0.1 U	27100
26-Jun-23	Monitored Semiannually[2]								Monitored Annually[2]			
7-Sep-23	-	-	10.5	769	7.66	-33.9	6.94	6.79	Monitored Annually[2]			
15-Dec-23	Monitored Semiannually[2]								Monitored Annually[2]			

Table 5g: Dale Strip Pit - Groundwater Geochemical Parameters and Concentrations Mine Portal

Date Sampled	Field Parameters								Gen. Chem.	Metals (ug/L)		
	Depth to Water (feet btoc)	Groundwater Elevation (feet msl)	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (Rel mV)	Turbidity (NTU)	pH (standard units)	Total Dissolved Solids (mg/L)	Arsenic	Lead	Potassium
Cleanup Level[a]	-	-	-	-	-	-	-	6.5-8.5	-	8	2.5	-
8-Mar-24	-	-	10.5	470.6	8.59	84	7.64	6.83	359	5.51	0.103 U	22800
19-Jun-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
17-Sep-24	-	-	10.6	714	8.59	187.8	55.5	7.18	Monitored Annually[2]			
9-Dec-24	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-25	-	-	12.2	735	5.65	124.8	54	6.38	369	5.11	0.2 U	23800
11-Jun-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
15-Sep-25	-	-	13	853	5.96	-306.6	150	6.55	Monitored Annually[2]			
18-Dec-25	-	-	Monitored Semiannually[2]						Monitored Annually[2]			
26-Mar-26	-	-	9.9	376.1	6.69	78.4	12.4	6.72	294 B	15.4	0.112 J	15300

Notes:

Dissolved metals were analyzed at the Site until December 2020 (Q4 2020). Total metals were analyzed for Q4 2020 and will continue to be analyzed moving forward. Iron and manganese are not included in the COPCs at the Site and are not analyzed beginning in Q2 2021. Antimony and Vanadium were included as COPCs for surface water locations and shallow groundwater monitoring wells at the Site beginning in Q3 2021.

-	Not measured or not available
	Orange shaded values indicate parameter results above the Cleanup Level (CUL), except for pH, which could be above or below the CUL
*	Measurement invalid and not shown
1	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated May 16, 2012
2	Reduction in monitoring frequency approved by Public Health – Seattle and King County in a letter to Golder Associates Inc. dated April 7, 2016. Field parameters collected semi-annually, analytical samples collected annually. Sampling schedule follows the Golder 2021 RI Work Plan starting in Q3 2021.
a	CUL provided in Remedial Investigation Report (WSP 2025)
B	Analyte was detected in the method blank
U	Data validation code; not detected at the Reporting Limit (RL)
J	Data validation code; estimated value
°C	Degrees Celsius
Note 1	ORP measurements not available due to faulty sensor.
ug/L	Micrograms per liter
µmhos/cm	Micromhos per centimeter
feet NAVD88	Feet NAVD88 Datum
mg/L	Milligrams per liter
mV	Millivolts
NTU	Nephelometric Turbidity Unit
TOC	Top of casing inside PVC well

Table 6: Interceptor Trench Discharge Monitoring

Date Sampled	Time Sampled	Flow (gpm)	Field pH (standard units)	Turbidity (NTU)	Total Dissolved Solids (mg/L)
19-Oct-13	8:45	0.3	7.47	-	-
19-Nov-13	9:25	0.7	7.52	-	-
23-Dec-13	15:25	1.2	7.27	-	-
20-Jan-14	11:15	0.8	7.58	1	277
31-Mar-14	11:12	1	7.22	1.6	257
22-Apr-14	16:05	3.6	6.85	474	214
27-May-14	15:30	0.8	7.12	21.9	294
27-Jun-14	11:10	0.3	7.13	13.3	136
31-Jul-14	19:45	0.2	6.95	4.1	305
28-Aug-14	14:00	0.1	7.2	1.8	294
29-Sep-14	13:39	0.1	7.87	1.4	340
29-Oct-14	11:45	0.3	7.03	1.1	319
24-Nov-14	11:50	0.8	7.09	0.7	229
22-Dec-14	8:00	0.4	7.08	0.4	253
30-Jan-15[1]	10:10	1.1	7.09	0.7	270
4-May-15	9:30	0.31	7.54	2.05	290
4-Aug-15	12:20	0.06	7.61	1.51	268
3-Nov-15	13:15	0.8	7.38	36.9	320
8-Feb-16	10:40	1.9	7.23	9.29	279
2-May-16	16:00	0.5	7.77	22.5	431
22-Aug-16	11:00	0.08	7.78	3.34	302
1-Nov-16	11:40	2.4	8.16	96.3	345
2-Feb-17	9:25	4.5	7.61	0.85	514
30-May-17	15:45	4.5	7.33	4.04	324
18-Aug-17	8:50	0.1	7.57	34	300
28-Feb-18	10:16	2.22	7.02	37.9	381
2-May-18	11:45	1.18	7.46	2.89	339
22-Aug-18	10:00	0.13	7.32	19.3	287
7-Nov-18	14:40	0.33	7.24	3.05	342
13-Mar-19	11:31	1.43	7.61	19.4	313
9-May-19	10:30	0.88	7.77	8.9	394
26-Aug-19	18:15	0.42	7.25	26.4	361
14-Nov-19	13:30	0.42	7.05	34.5	447
13-Feb-20	12:35	1.58	6.95	1.76	306
13-Aug-20	12:00	0.21	7.32	20.8	339
10-Dec-20	12:22	3.8	7.7	228	691
4-Mar-21	12:20	3.5	7.23	116	584
10-Jun-21	13:10	0.2	7.02	6.31	360
15-Oct-21	13:55	0.2	7.08	31	382
7-Jan-22	11:58	9.2	7.43	6.23	288

Table 6: Interceptor Trench Discharge Monitoring

Date Sampled	Time Sampled	Flow (gpm)	Field pH (standard units)	Turbidity (NTU)	Total Dissolved Solids (mg/L)
17-Mar-22	15:25	3.5	11.75^	3.24	368
22-Jun-22	14:05	2.2	6.94	6.21	415
23-Sep-22	14:46	0.11	7.54	4.77	330
14-Dec-22	9:20	0.79	7.19	2.27	279
13-Mar-23	9:25	2.25	6.9	1.07	232
27-Jun-23	9:55	0.33	7.05	7.31	381
7-Sep-23	14:38	-	7.68	21.5	295
12-Dec-23	15:28	4.76	6.98	1.51	244
6-Mar-24	14:30	3.17	8.39	2.31	359
17-Jun-24	15:40	1.98	7.04	8.04	448
16-Sep-24	14:15	0.15	8.02	2.53	328
9-Dec-24	14:40	1.59	9.77	1.32	277
24-Mar-25	13:05	1.59	7.14	5.85	309
9-Jun-25	13:35	0.29	7.75	15.9	354
15-Sep-25	12:30	0.07	7.40	2.13	255
18-Dec-25	14:50	5.28	6.98	20.3	344
26-Mar-26	15:30	7.93	6.62	18.0	377

Notes:

-	Not measured or not available
^	pH values error, due to faulty pH probe.
gpm	Gallons per minute
mg/L	Milligrams per liter
NTU	Nephelometric Turbidity Unit

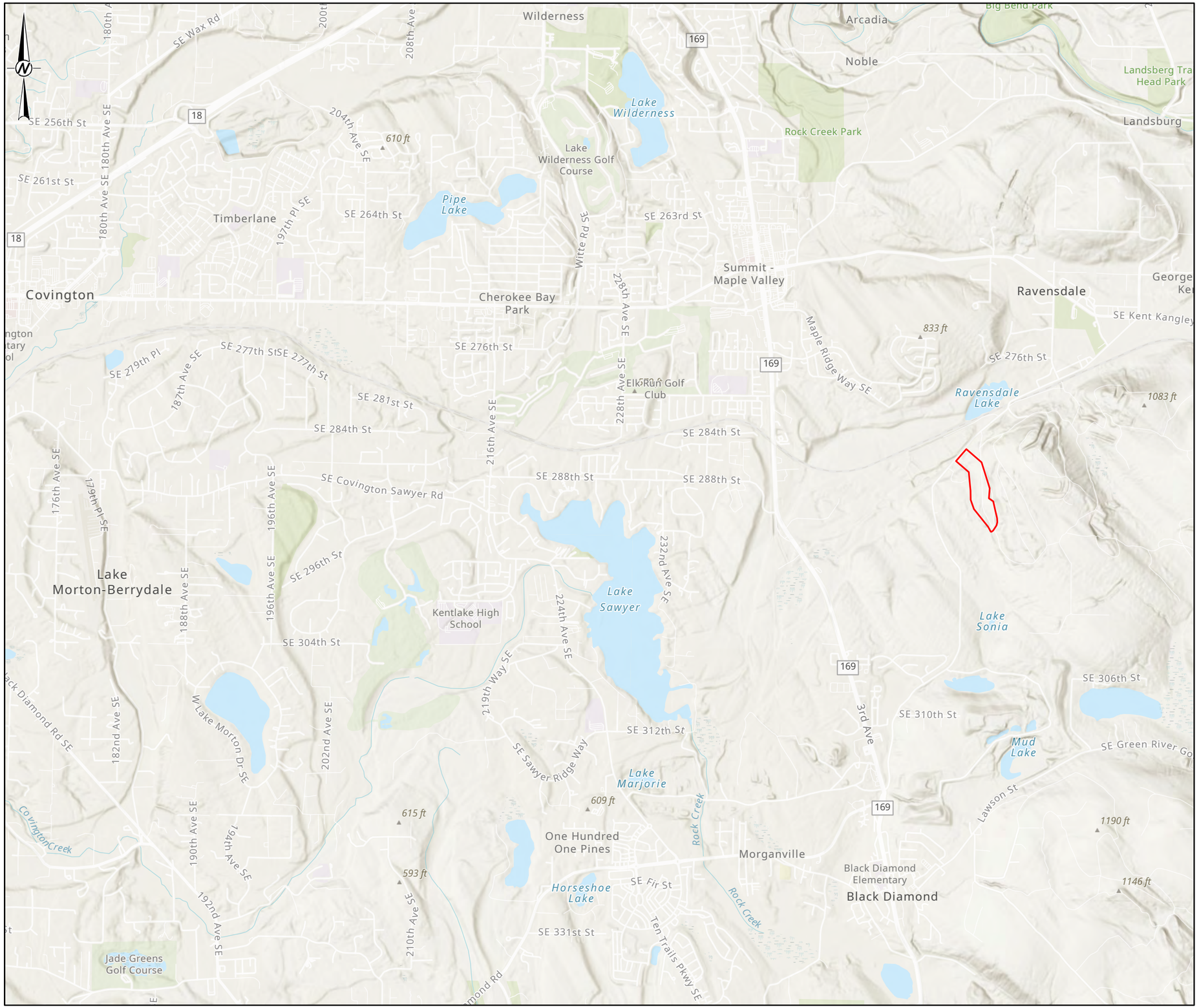
Table 7: First Quarter 2026 Seepage Treatment System Metals Monitoring

Sample Location	Sample ID	Date Sampled	pH (standard units)	Total Antimony (ug/L)	Dissolved Antimony (ug/L)	Total Arsenic (ug/L)	Dissolved Arsenic (ug/L)	Total Potassium (ug/L)	Dissolved Potassium (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Total Vanadium (ug/L)	Dissolved Vanadium (ug/L)
pH Tank Influent	Tank-Influent	27-Mar-26	12.16	12.5	12.0	24.7	1.67	497,000	448,000	62.9	27.4	2.27	1.44
pH Tank Effluent/Filter Media Influent	Sand-Effluent	27-Mar-26	12.15	11.8	12.2	7.79	2.92	478,000	472,000	44.0	33.3	1.90	1.79
Filter Media Effluent	As-Effluent	27-Mar-26	12.17	10.4	10.9	20.7	10.5	495,000	460,000	24.3	3.82	1.95	1.79

Notes:

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD)
ug/L	Micrograms per liter

Figures



KEY MAP



LEGEND

SITE BOUNDARY

0 1,500 3,000 6,000

1" = 3,000 FEET FEET

REFERENCE(S)

1. ASPECT CONSULTING (PROPERTY BOUNDARY)
2. ESRI (WASHINGTON STATE COUNTY BOUNDARY)
3. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
4. MAP SERVICE LAYER CREDITS: WORLD TOPOGRAPHIC MAP: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD STREET MAP: SOURCES: ESRI, TOMTOM, GARMIN, FAO, NOAA, USGS, (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
WORLD HILLSHADE: ESRI, NASA, NGA, USGS, FEMA

CLIENT
AMRIZE

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

TITLE
SITE LOCATION MAP

CONSULTANT

YYYY-MM-DD	2026-06-11
DESIGNED	KAS
PREPARED	MD
REVIEWED	DE
APPROVED	JM

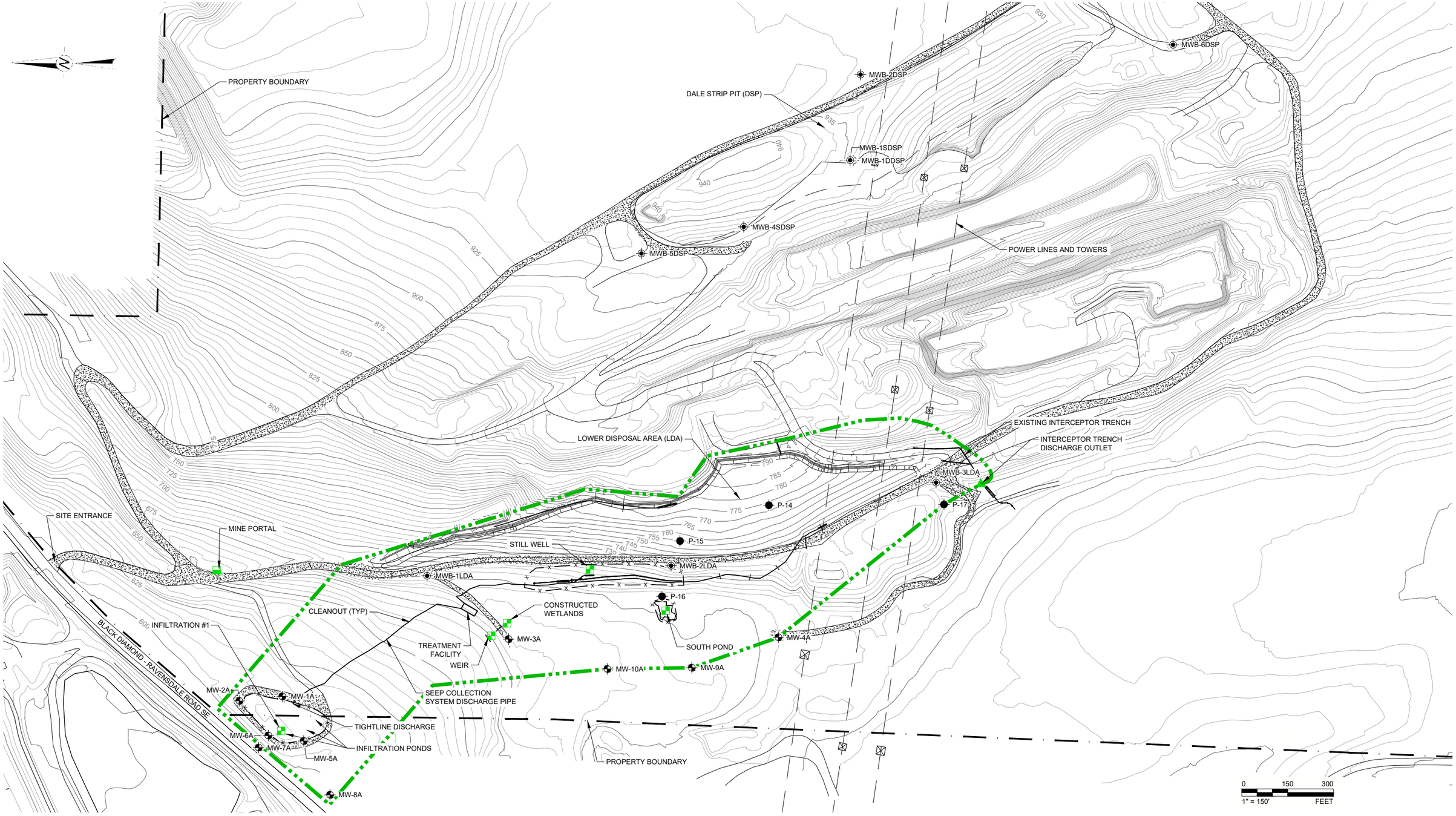
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

25mm

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LEGEND

MW-1A	SHALLOW MONITORING WELL		LDA SURFACE WATER SAMPLING LOCATION
MWB-1DDSP	BEDROCK MONITORING WELL		DSP BEDROCK SAMPLING LOCATION (MAIN PORTAL)
P-14	LDA MONITORING WELL		INTERCEPTOR TRENCH SAMPLING LOCATION
	SITE BOUNDARY		FENCE LINE

CLIENT
AMRIZE

CONSULTANT
wsp

YYYY-MM-DD	2026-09-18
DESIGNED	JR
PREPARED	FB
REVIEWED	DE
APPROVED	JM

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

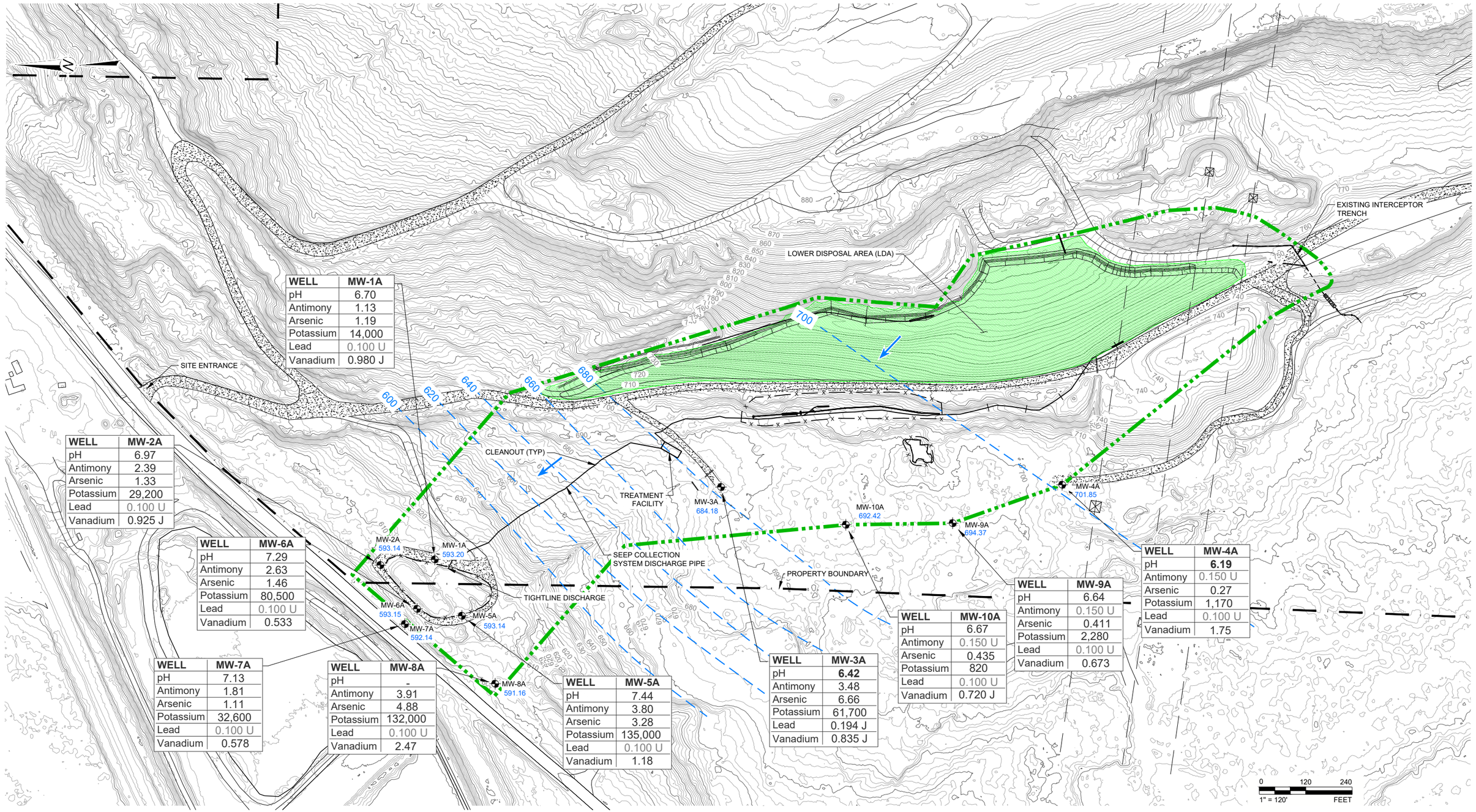
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GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS

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WELL	MW-1A
pH	6.70
Antimony	1.13
Arsenic	1.19
Potassium	14,000
Lead	0.100 U
Vanadium	0.980 J

WELL	MW-2A
pH	6.97
Antimony	2.39
Arsenic	1.33
Potassium	29,200
Lead	0.100 U
Vanadium	0.925 J

WELL	MW-3A
pH	**6.42**
Antimony	3.48
Arsenic	6.66
Potassium	61,700
Lead	0.194 J
Vanadium	0.835 J

WELL	MW-4A
pH	**6.19**
Antimony	0.150 U
Arsenic	0.27
Potassium	1,170
Lead	0.100 U
Vanadium	1.75

WELL	MW-5A
pH	7.44
Antimony	3.80
Arsenic	3.28
Potassium	135,000
Lead	0.100 U
Vanadium	1.18

WELL	MW-6A
pH	7.29
Antimony	2.63
Arsenic	1.46
Potassium	80,500
Lead	0.100 U
Vanadium	0.533

WELL	MW-7A
pH	7.13
Antimony	1.81
Arsenic	1.11
Potassium	32,600
Lead	0.100 U
Vanadium	0.578

WELL	MW-8A
pH	-
Antimony	3.91
Arsenic	4.88
Potassium	132,000
Lead	0.100 U
Vanadium	2.47

WELL	MW-9A
pH	6.64
Antimony	0.150 U
Arsenic	0.411
Potassium	2,280
Lead	0.100 U
Vanadium	0.673

WELL	MW-10A
pH	6.67
Antimony	0.150 U
Arsenic	0.435
Potassium	820
Lead	0.100 U
Vanadium	0.720 J

LEGEND

- COVER AREA
- MW-1A — SHALLOW MONITORING WELL
- CONCEPTUAL GROUNDWATER FLOW DIRECTION
- FENCE LINE
- SITE BOUNDARY

NOTE(S)

1. GROUNDWATER ELEVATIONS ARE EXPRESSED IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. CONCENTRATIONS ARE REPORTED IN MICROGRAMS PER LITER, EXCEPT FOR pH, WHICH IS REPORTED IN STANDARD UNITS.
3. BOLD VALUES INDICATE PARAMETER RESULTS ABOVE THE CLEANUP LEVEL (CUL), EXCEPT FOR pH, WHICH COULD BE ABOVE OR BELOW THE CUL.

CLIENT
AMRIZE

CONSULTANT
wsp

YYYY-MM-DD	2026-09-18
DESIGNED	JR
PREPARED	FB
REVIEWED	DE
APPROVED	JM

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

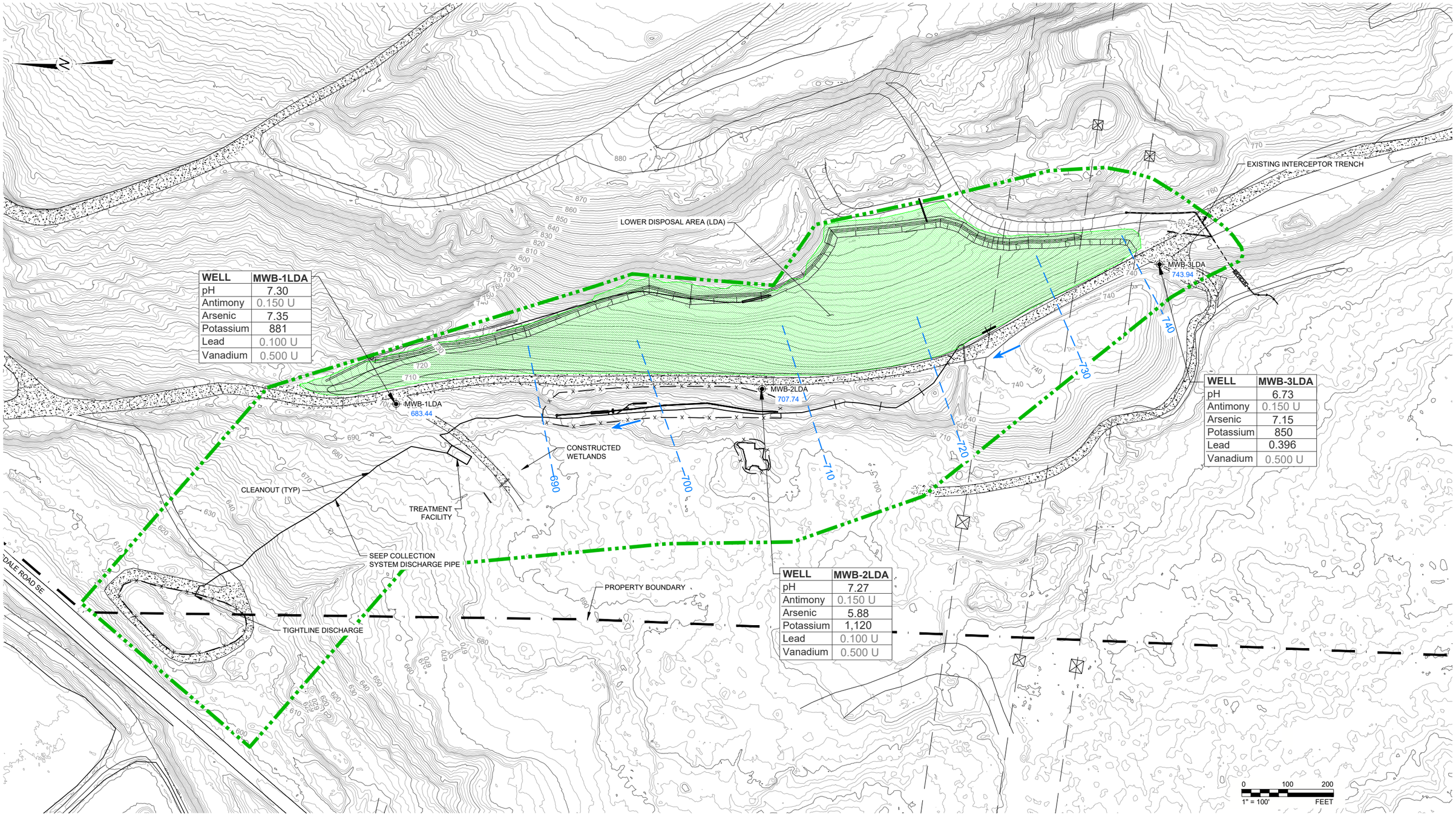
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LDA SHALLOW GROUNDWATER CONCENTRATIONS AND FLOW DIRECTION

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LEGEND

- COVER AREA
- MWB-1LDA — BEDROCK MONITORING WELL
- CONCEPTUAL GROUNDWATER FLOW DIRECTION
- FENCE LINE
- SITE BOUNDARY

NOTE(S)

1. GROUNDWATER ELEVATIONS ARE EXPRESSED IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. CONCENTRATIONS ARE REPORTED IN MICROGRAMS PER LITER, EXCEPT FOR pH, WHICH IS REPORTED IN STANDARD UNITS.
3. BOLD VALUES INDICATE PARAMETER RESULTS ABOVE THE CLEANUP LEVEL (CUL), EXCEPT FOR pH, WHICH COULD BE ABOVE OR BELOW THE CUL.

CLIENT
AMRIZE

CONSULTANT
wsp

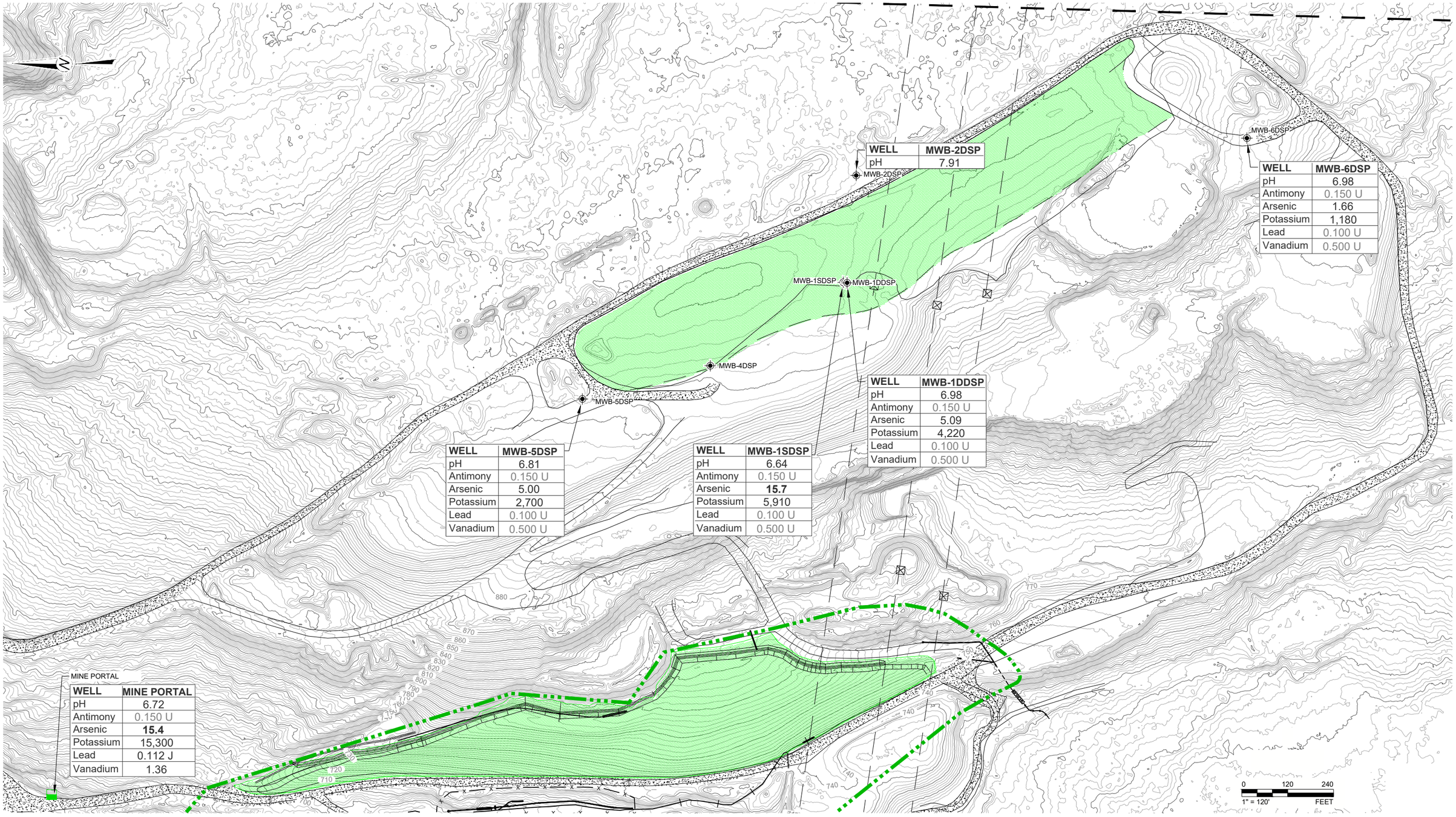
YYYY-MM-DD	2026-09-18
DESIGNED	JR
PREPARED	FB
REVIEWED	DE
APPROVED	JM

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

TITLE
LDA BEDROCK GROUNDWATER CONCENTRATIONS AND FLOW DIRECTION

PROJECT NO.	TASK	REV.	FIGURE
31406578.0889	2000	0	4

Path: \\corp.pbwan.net\US\CentralData\US\XLC300\geomatics\HOLCIM\Ravensdale\99_PROJECTS\US-WSP-31406578.0889_FS\2000_Quarterly-GW\02_PRODUCTION\DWG\ | File Name: 31406578.0889_2000_002_Q1.dwg | Last Edited By: usfb212633 Date: 2026-09-18 Time:2-52-30 PM | Printed By: USFB212633 Date: 2026-09-18 Time:2-53-03 PM
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D
0 1 in



WELL	MWB-2DSP
pH	7.91

WELL	MWB-6DSP
pH	6.98
Antimony	0.150 U
Arsenic	1.66
Potassium	1,180
Lead	0.100 U
Vanadium	0.500 U

WELL	MWB-1DDSP
pH	6.98
Antimony	0.150 U
Arsenic	5.09
Potassium	4,220
Lead	0.100 U
Vanadium	0.500 U

WELL	MWB-5DSP
pH	6.81
Antimony	0.150 U
Arsenic	5.00
Potassium	2,700
Lead	0.100 U
Vanadium	0.500 U

WELL	MWB-1SDSP
pH	6.64
Antimony	0.150 U
Arsenic	**15.7**
Potassium	5,910
Lead	0.100 U
Vanadium	0.500 U

WELL	MINE PORTAL
pH	6.72
Antimony	0.150 U
Arsenic	**15.4**
Potassium	15,300
Lead	0.112 J
Vanadium	1.36

LEGEND

- COVER AREA
- MWB-1DDSP — BEDROCK MONITORING WELL
- DSP BEDROCK SAMPLING LOCATION (MINE PORTAL)
- SITE BOUNDARY

NOTE(S)

1. GROUNDWATER ELEVATIONS ARE EXPRESSED IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. CONCENTRATIONS ARE REPORTED IN MICROGRAMS PER LITER, EXCEPT FOR pH, WHICH IS REPORTED IN STANDARD UNITS.
3. BOLD VALUES INDICATE PARAMETER RESULTS ABOVE THE CLEANUP LEVEL (CUL), EXCEPT FOR pH, WHICH COULD BE ABOVE OR BELOW THE CUL.
4. SAMPLES FROM MWB-2DSP WERE MONITORED FOR FIELD PARAMETERS ONLY AND NO GROUNDWATER SAMPLES WERE SENT TO THE LABORATORY FOR ANALYSIS.
5. MONITORING WELL MWB-4DSP COULD NOT BE SAFELY ACCESSED DUE TO A WASP NEST.

CLIENT
AMRIZE

CONSULTANT
WSP

YYYY-MM-DD	2026-09-24
DESIGNED	JR
PREPARED	FB
REVIEWED	DE
APPROVED	JM

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

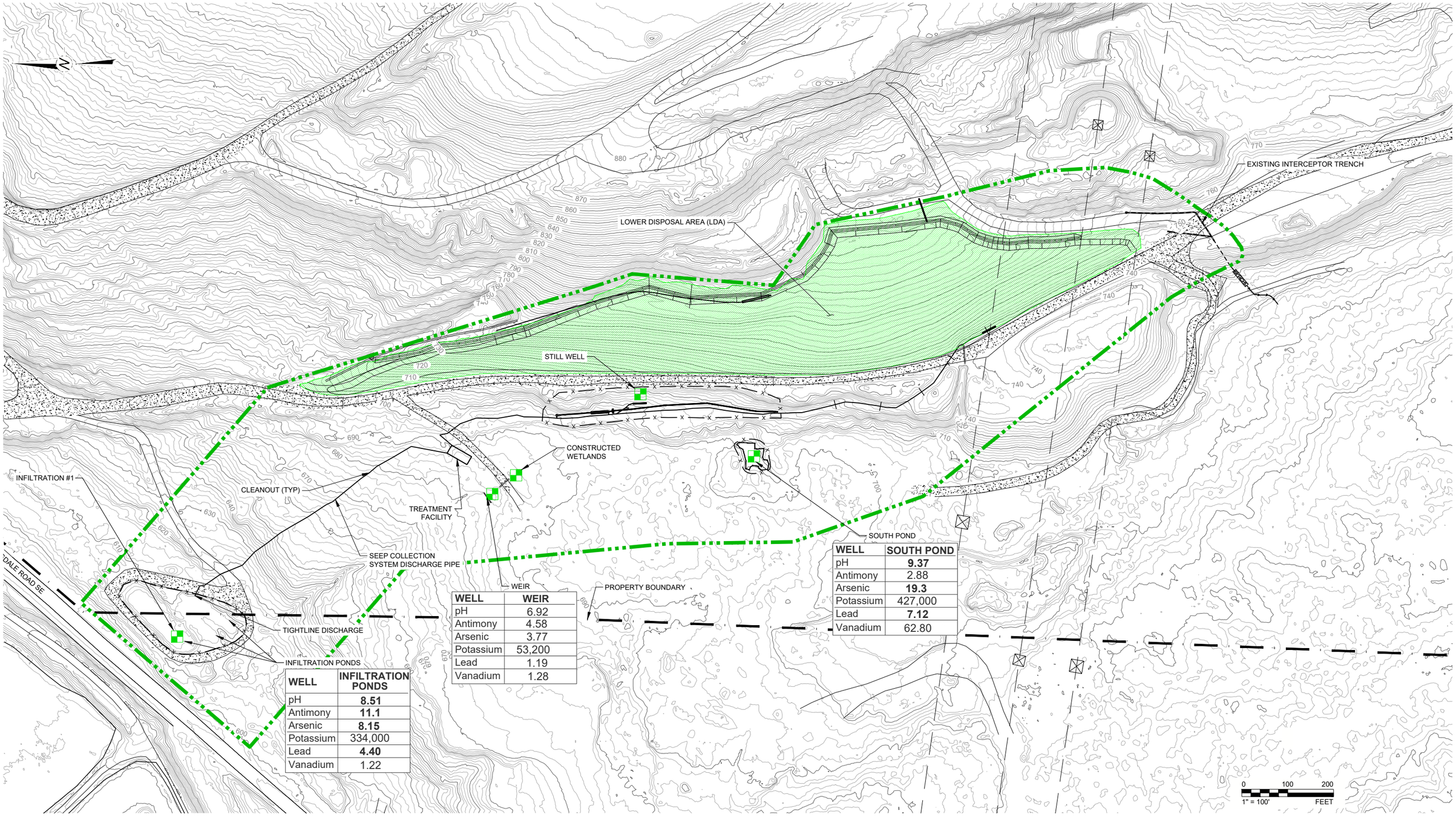
TITLE
DSP BEDROCK GROUNDWATER CONCENTRATIONS

PROJECT NO.	TASK	REV.	FIGURE
31406578.0889	2000	A	5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D

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Path: \\corp.pbwan.net\US\Central\Data\-USXLC300\geomatics\HOLCIM\Ravensdale\99_PROJECTS\US-WSP-31406578.0889_FS\2000_Quarterly-GW\02_PRODUCTION\DWG\31406578.0889_2000_002_Q1.dwg | File Name: 31406578.0889_2000_002_Q1.dwg | Last Edited By: usftc212633 Date: 2026-09-24 Time:4:03:47 PM | Printed By: USFB212633 Date: 2026-09-24 Time:4:05:33 PM



WELL	INFILTRATION PONDS
pH	**8.51**
Antimony	**11.1**
Arsenic	**8.15**
Potassium	334,000
Lead	**4.40**
Vanadium	1.22

WELL	WEIR
pH	6.92
Antimony	4.58
Arsenic	3.77
Potassium	53,200
Lead	1.19
Vanadium	1.28

WELL	SOUTH POND
pH	**9.37**
Antimony	2.88
Arsenic	**19.3**
Potassium	427,000
Lead	**7.12**
Vanadium	62.80

LEGEND

- COVER AREA
- LDA SURFACE WATER SAMPLING LOCATION
- SITE BOUNDARY
- FENCE LINE

NOTE(S)

1. GROUNDWATER ELEVATIONS ARE EXPRESSED IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. CONCENTRATIONS ARE REPORTED IN MICROGRAMS PER LITER, EXCEPT FOR pH, WHICH IS REPORTED IN STANDARD UNITS.
3. BOLD VALUES INDICATE PARAMETER RESULTS ABOVE THE CLEANUP LEVEL (CUL), EXCEPT FOR pH, WHICH COULD BE ABOVE OR BELOW THE CUL.

CLIENT
AMRIZE

CONSULTANT
wsp

YYYY-MM-DD	2026-09-18
DESIGNED	JR
PREPARED	FB
REVIEWED	DE
APPROVED	JM

PROJECT
FIRST QUARTER 2026 GROUNDWATER MONITORING
RAVENSDALE, WA

TITLE
SURFACE WATER CONCENTRATIONS

PROJECT NO.	TASK	REV.	FIGURE
31406578.0889	2000	0	6

Path: \\corp.pbwan.net\US\Central\Data\US\KLC300\geomatics\HOLCIM\Ravensdale\99_PROJECTS\US-WSP-31406578.0889_FS\2000_Quarterly-GW\02_PRODUCTION\DWG\ | File Name: 31406578.0889_2000_002_Q1.dwg | Last Edited By: usfb212633 Date: 2026-09-18 Time:2-52-30 PM | Printed By: USFB212633 Date: 2026-09-18 Time:2-53-12 PM
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D
1 in
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Appendix A Sampling Integrity Data Sheets

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-1A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 24, 2026 **Time** 11:40

Media Groundwater **Station** MW1A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 20.24 ft BTOC (March 24, 2026 11:07 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-1A
Date 03/24/2026
Time Begin Purge 11:10
Time Collect Sample 11:40

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
20.25	11:15	6.76	577	8.3	4.68	135.3	12.0
20.27	11:20	6.73	512	8.2	8.81	138.9	2.88
20.27	11:25	6.71	504	8.2	9.3	144.5	
20.27	11:30	6.7	501	8.2	9.31	148.2	1.60
20.27	11:35	6.7	499.3	8.2	9.41	151.3	1.05

Comments:

Flow Rate: 300 mL/min



Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-2A / MW-45A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 24, 2026 **Time** 00:20

Media Groundwater **Station** MW-2A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 14.07 ft BTOC (March 24, 2026 11:51 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Metals		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-2A / MW-45A
Date 03/24/2026
Time Begin Purge 11:51
Time Collect Sample 00:20

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
14.07	11:55	6.97	477.1	7.6	10.11	121.1	8.27
14.07	12:00	6.97	496.2	7.6	10.04	129.5	9.08
14.07	12:05	6.97	467.1	7.8	10.05	135.9	6.42
14.07	12:10	6.97	464.9	7.6	10.09	140.3	4.14
14.07	12:15	6.97	464.8	7.6	10.06	144	3.23

Comments:

Flow Rate: _____ mL/min

Sampled duplicate MW-45A-0326 @1225

Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-3A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 24, 2026 **Time** 09:55

Media Groundwater **Station** MW-3A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 4.93 ft BTOC (March 24, 2026 9:20 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-3A
Date 03/24/2026
Time Begin Purge 09:20
Time Collect Sample 09:55

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
4.98	09:30	6.2	578	8.2	0.46	202.2	7.73
4.98	09:35	6.32	570	8.2	0.26	194.3	8.26
4.98	09:40	6.37	564	8.2	0.2	189.0	5.58
4.98	09:45	6.4	560	8.2	0.16	184.8	4.37
4.95	09:50	6.42	558	8.2	0.14	181 2	3.92

Comments:

Flow Rate: 200 mL/min

Sampler _____ **Date** March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-4A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 26, 2026 **Time** 16:15

Media Groundwater **Station** MW-4A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 3.6 ft BTOC (March 26, 2026 3:44 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-4A
Date 03/26/2026
Time Begin Purge 15:45
Time Collect Sample 16:15

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
4.05	15:50	6.31	391.3	9.7	2.71	65.5	6.72
4.11	15:55	6.21	389	9.6	2.59	71.6	
4.14	16:00	6.19	386	9.5	2.6	74.6	
4.18	16:05	6.19	383.8	9.4	2.66	76.1	4.78
4.22	16:10	6.19	382	9.4	2.68	77.1	3.99

Comments:

Flow Rate: 300 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-5A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 24, 2026 **Time** 13:55

Media Groundwater **Station** MW-5A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 18.09 ft BTOC (March 24, 2026 1:14 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-5A
Date 03/24/2026
Time Begin Purge 13:15
Time Collect Sample 13:55

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
18.09	13:20	7.13	1,125	7.9	0.72	143.5	4.97
18.09	13:25	7.16	1,137	7.8	0.46	143.1	1.74
18.09	13:30	7.34	981	7.7	2.22	133.9	3.97
18.09	13:35	7.46	675	7.6	8.09	126.7	1.04
18.09	13:40	7.45	655	7.6	8.54	130.0	1.11
18.09	13:45	7.44	647	7.6	8.83	134.4	1.35
18.09	13:50	7.44	642	7.7	9	138.6	1.11

Comments:

Flow Rate: 200 mL/min

SAMPLE INTEGRITY DATA SHEET



Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-6A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler

Date March 24, 2026 **Time** 13:05

Media Groundwater **Station** MW-6A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 15.8 ft BTOC (March 24, 2026 12:36 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-6A
Date 03/24/2026
Time Begin Purge 12:36
Time Collect Sample 13:05

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
15.8	12:40	7.08	597	8	8.95	149.7	7.28
15.8	12:45	7.3	578	7.8	9.18	146.9	2.52
15.8	12:50	7.33	562	7.7	9.31	146.9	1.33
15.8	12:55	7.32	555	7.6	9.15	148.4	1.13
15.8	13:00	7.29	551	7.6	8.88	150.4	1.03

Comments:

Flow Rate: _____ mL/min

Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-7A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 27, 2026 **Time** 14:30

Media Groundwater **Station** MW-7A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 0.55 ft BTOC (March 27, 2026 1:58 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-1000 mL	Total Dissolved Solids	HDPE	
1-500 mL	Total Metals		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-7A
Date 03/27/2026
Time Begin Purge 14:00
Time Collect Sample 14:30

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
0.55	14:05	7.81	389.9	7.2	6.51	18.1	2.94
0.55	14:10	7.44	384.3	7.2	6.24	27.8	1.62
0.55	14:15	7.17	381.5	7.1	6.24	38.5	2.32
0.55	14:20	7.14	379.5	7.2	6.23	40.1	2.03
0.55	14:25	7.13	378	7.1	6.21	45.9	2.16

Comments:

Flow Rate: 250 mL/min



Sampler _____

Date March 27, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-8A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 31, 2026 **Time** 12:05

Media Groundwater **Station** MW-8A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 10.33 ft BTOC (March 31, 2026 11:29 AM); Well total depth at 26' BGS

Screen Interval: 16' - 26' BGS

Pump Intake: ~ 22' BGS

Sample Description Clear, no odor or sheen

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
2-1000 mL	Total Dissolved Solids	HDPE	N/A
2-500 mL	Total Metals	HDPE	HNO3

SAMPLE INTEGRITY DATA SHEET

Well ID MW-8A
Date 03/31/2026
Time Begin Purge 11:31
Time Collect Sample 12:05

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)

Comments:

Flow Rate: 300 mL/min

MW-99-2-0326 sampled at 12:10



Sampler _____

Date March 31, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-9A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 26, 2026 **Time** 16:50

Media Groundwater **Station** MW-9A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 2.92 ft BTOC (March 26, 2026 4:22 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-9A
Date 03/26/2026
Time Begin Purge 16:23
Time Collect Sample 16:50

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
3.71	16:25	6.59	368.9	8.5	8.2	63.8	4.68
4.87	16:30	6.6	367.9	8.5	7.89	63.8	4.01
6.19	16:35	6.63	367.7	8.4	7.85	62.1	3.96
7.14	16:40	6.64	367.2	8.3	7.73	61.4	2.34
8.02	16:45	6.64	368.4	8.4	7.59	61.0	2.08

Comments:

Flow Rate: 200 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MW-10A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 27, 2026 **Time** 11:30

Media Groundwater **Station** MW-10A

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 5.6 ft BTOC (March 27, 2026 10:49 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MW-10A
Date 03/27/2026
Time Begin Purge 10:50
Time Collect Sample 11:30

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
7.43	10:55	7.3	129.5	9.3	9.97	48.5	4.55
5.98	11:00	7.02	128.7	9.3	9.69	63.T	8.51
9.74	11:05	6.87	128.1	9.4	9.56	75.7	3.09
10.66	11:10	6.79	127.6	9.4	9.57	82.8	2.89
11.45	11:15	6.74	127.2	9.5	9.53	89.0	2.30
12.15	11:20	6.7	126.8	9.6	9.5	94.1	1.84
12.39	11:25	6.67	126.4	9.7	9.47	98.0	3.48

Comments:

Flow Rate: 200 mL/min

SAMPLE INTEGRITY DATA SHEET



Sampler _____

Date March 27, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID Still Well - 0626

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Grab

Date June 4, 2026 **Time** 09:00

Media Groundwater **Station** Still Well

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 0 ft BTOC (March 24, 2026 9:00 AM); Well total depth at N/A

Screen Interval: N/A

Pump Intake: N/A

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
-		HDPE	

SAMPLE INTEGRITY DATA SHEET

Well ID Still Well
Date 03/24/2026
Time Begin Purge 21:00
Time Collect Sample 09:00

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)

Comments:

Flow Rate: _____ mL/min

No sample taken, well is artesian.



Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-1LDA - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 14:10

Media Groundwater **Station** MWB-1LDA

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 21.24 ft BTOC (March 26, 2026 1:42 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-1LDA
Date 03/26/2026
Time Begin Purge 13:43
Time Collect Sample 14:10

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
21.84	13:45	7.37	273	10.4	5.25	57.1	1.13
22.4	13:50	7.31	273.3	10.3	0.51	56.8	0.61
22.71	13:55	7.31	273.1	10.4	0.21	53.8	0.32
23.06	14:00	7.3	272.8	10.3	0.16	51.8	0.51
23.17	14:05	7.3	271.9	10.4	0.13	49.4	0.25

Comments:

Flow Rate: 200 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-2LDA - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 14:45

Media Groundwater **Station** MWB-2LDA

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 33.92 ft BTOC (March 26, 2026 2:18 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

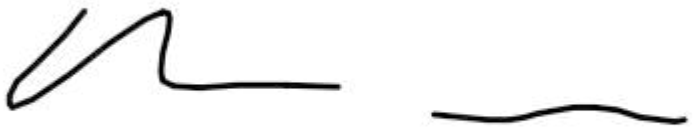
SAMPLE INTEGRITY DATA SHEET

Well ID MWB-2LDA
Date 03/26/2026
Time Begin Purge 14:19
Time Collect Sample 14:45

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
34.14	14:25	7.31	255.2	11.1	1.55	45.2	2.62
34.38	14:30	7.28	255.5	11	0.5	45.5	0.33
34.37	14:35	7.27	255.2	11	0.24	44.6	0.38
34.58	14:40	7.27	255.1	11	0.22	43.3	0.31

Comments:

Flow Rate: _____ mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-3LDA - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 15:25

Media Groundwater **Station** MWB-3LDA

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 0.25 ft BTOC (March 26, 2026 2:55 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-3LDA
Date 03/26/2026
Time Begin Purge 14:55
Time Collect Sample 15:25

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
5.32	15:00	6.89	173	11.2	0.3	51.7	4.70
9.06	15:05	6.79	172	11.2	0.16	53.3	6.11
12.32	15:10	6.77	169.7	11.2	1.42	53.2	7.01
15.57	15:15	6.75	169.8	11.2	1.61	53.2	5.51
17.31	15:20	6.73	169.7	11.2	1.54	52.8	4.86

Comments:

Flow Rate: 400 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID South Pond - 0326

Sampling Location Surface Water Monitoring Point

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 27, 2026 **Time** 11:55

Media Surface Water **Station** South Pond

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 27, 2026 11:51 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-1000 mL	Total Dissolved Solids	HDPE	
1-500 mL	Total Metals	HDPE	

SAMPLE INTEGRITY DATA SHEET

Well ID South Pond
Date 03/27/2026
Time Begin Purge 11:51
Time Collect Sample 11:55

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
	11:52	9.37	939	12.2	6.61	106.1	6.65

Comments:

Flow Rate: _____ mL/min



Sampler _____

Date March 27, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID Weir or Constructed Wetlands - 0326

Sampling Location Surface Water Monitoring Point

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 24, 2026 **Time** 10:25

Media Surface Water **Station** Weir

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 24, 2026 10:21 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description Light brown tint

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
3-1000 mL	Total Dissolved Solids	HDPE	
3-500 mL	Total Metals	HDPE	Sulfuric acid

SAMPLE INTEGRITY DATA SHEET

Well ID Weir or Constructed Wetlands
Date 03/24/2026
Time Begin Purge 10:21
Time Collect Sample 10:25

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
	10:22	6.92	484.6	7.3	7.14	143.7	30.4

Comments:

Flow Rate: 300 mL/min



Sampler _____

Date March 24, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID Infiltration Ponds / MW-35A - 0326

Sampling Location Surface Water Monitoring Point

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 27, 2026 **Time** 12:55

Media Surface Water **Station** Infiltration pond

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 27, 2026 12:50 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
2-1000 mL	Total Dissolved Solids	HDPE	
2-500 mL	Total Metals		
2-500 mL	Dissolved Metals		

SAMPLE INTEGRITY DATA SHEET

Well ID Infiltration Ponds / MW-35A
Date 03/27/2026
Time Begin Purge 12:50
Time Collect Sample 12:55

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
	12:55	8.51	1,034	10.8	4.39	1.3	6.39

Comments:

Flow Rate: 300 mL/min

Sample MW-35A at 1300



Sampler _____

Date March 27, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-1SDSP - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 00:00

Media Groundwater **Station** MW1SDSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 16.6 ft BTOC (March 26, 2026 11:20 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-1SDSP
Date 03/26/2026
Time Begin Purge 11:24
Time Collect Sample 00:00

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
37.74	11:30	6.61	982	10.9	0.24	105.3	1.50
42.81	11:35	6.92	973	11	0.12	102.4	17.1
48.22	11:40	6.62	967	10.8	0.1	100.9	8.30
52.52	11:45	6.62	956	10.8	0.08	99.0	11.5
57.72	11:50	6.63	949	10.8	0.07	97.1	4.33
61.82	11:55	6.64	948	11	0.07	95.3	0.42

Comments:

Flow Rate: 200 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-1DDSP - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 12:35

Media Groundwater **Station** MWB1DDSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 45.49 ft BTOC (March 26, 2026 12:03 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-1DDSP
Date 03/26/2026
Time Begin Purge 12:08
Time Collect Sample 12:35

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
46.1	12:10	7.35	648	9.5	10.46	69.7	4.55
47.83	12:15	7.06	739	10.7	1.06	81.9	2.54
49.94	12:20	6.99	741	10.8	0.22	80.9	1.41
51.65	12:25	6.98	744	11	0.13	78.8	1.82
53.52	12:30	6.98	744	11.1	0.09	76.7	1.22

Comments:

Flow Rate: 200 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-2DSP - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Disposable Bailer

Date March 31, 2026 **Time**

Media Groundwater **Station** MWB-2DSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 188.19 ft BTOC (March 31, 2026 11:05 AM); Well total depth at 258' BGS

Screen Interval: 236'- 256' BGS

Pump Intake: N/A

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-2DSP

Date _____

Time Begin Purge _____

Time Collect Sample _____

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
188.19	11:10	7.91	0.545	10.4	5.27	276.8	4.33

Comments:

Flow Rate: _____ mL/min



Sampler _____

Date March 31, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-4DSP - 0626

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler

Date June 4, 2026 **Time** 12:48

Media Groundwater **Station** MWB-4DSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 26, 2026 12:48 PM); Well total depth at 42.8' BGS

Screen Interval: 25'- 36' BGS

Pump Intake: N/A

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
-		HDPE	

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-4DSP
Date 03/26/2026
Time Begin Purge 12:48
Time Collect Sample 12:48

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)

Comments:

Flow Rate: _____ mL/min

Hornets nest in well, no sample taken



Sampler _____ **Date** March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-5DSP - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 13:15

Media Groundwater **Station** MW-5DSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 15.38 ft BTOC (March 26, 2026 12:48 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Alkalinity	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-5DSP
Date 03/26/2026
Time Begin Purge 12:49
Time Collect Sample 13:15

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
18.68	12:55	6.87	577	11.3	0.21	73.8	1.06
20.18	13:00	6.83	573	11.4	0.12	74.0	1.15
21.64	13:05	6.82	568	11.2	0.09	73.5	0.73
22.94	13:10	6.81	567	11.3	0.08	72.6	0.94

Comments:

Flow Rate: 200 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID MWB-6DSP / MW-55A - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Bladder Pump (dedicated)

Date March 26, 2026 **Time** 11:05

Media Groundwater **Station** MWB-6DSP

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at 16.6 ft BTOC (March 26, 2026 9:47 AM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-500 mL	Total Metals	HDPE	
1-1000 mL	Total Dissolved Solids		

SAMPLE INTEGRITY DATA SHEET

Well ID MWB-6DSP / MW-55A
Date 03/26/2026
Time Begin Purge 10:10
Time Collect Sample 11:05

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
21.16	10:15	7.54	337.4	10.7	0.36	58.3	
22.92	10:20	7.19	334.1	10.6	0.19	71.3	71.5
24.2	10:25	7.06	333.1	10.7	0.16	76.4	102
25.16	10:30	7.02	331.9	10.6	0.14	79.3	52.8
25.92	10:35	6.99	329.5	10.6	0.12	80.8	39.7
26.81	10:40	6.98	327.8	10.6	0.11	81.6	39.5
27.4	10:45	6.97	317.9	10.6	0.39	81.7	41.3
27.91	10:50	6.95	316.2	10.6	0.46	81.4	14
28.42	10:55	6.98	317	10.6	0.43	80.5	5.42
28.78	11:00	6.98	318.6	10.5	0.37	79.9	3.30

Comments:

Flow Rate: 200 mL/min

SAMPLE INTEGRITY DATA SHEET



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID Portal - 0326

Sampling Location Surface Water Monitoring Point

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Peristaltic Pump

Date March 26, 2026 **Time** 13:30

Media Surface Water **Station** Mine Portal

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 26, 2026 1:30 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-1000 mL	Total Dissolved Solids	HDPE	
1-500 mL	Total Metals	HDPE	Sulfuric acid

SAMPLE INTEGRITY DATA SHEET

Well ID Portal

Date 03/26/2026

Time Begin Purge 13:25

Time Collect Sample 13:30

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
	13:25	6.72	376.1	9.9	6.69	78.4	12.4

Comments:

Flow Rate: 300 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

SAMPLE INTEGRITY DATA SHEET

Plant/Site Ravensdale **Project No.** 152030402

Site Location Ravensdale, WA

Sample ID Interceptor Trench - 0326

Sampling Location Monitoring Well

Technical Procedure Reference(s) Golder, Sampling and Analysis Plan; Quality Assurance Project Plan 2020

Type of Sampler Grab

Date March 26, 2026 **Time** 15:30

Media Groundwater **Station** iT

Sample Type: **grab** time composite space composite

Sample Acquisition Measurements (depth, volume of static well water and purged water, etc.)

SWL: Depth to water at ft BTOC (March 26, 2026 3:30 PM); Well total depth at

Screen Interval:

Pump Intake:

Sample Description

Field Measurements on Sample (pH, conductivity, etc.) SEE FIELD PARAMETERS SHEET

Aliquot Amount	Analysis	Container	Preservation
1-1000 mL	Total Dissolved Solids	HDPE	

SAMPLE INTEGRITY DATA SHEET

Well ID Interceptor Trench
Date 03/26/2026
Time Begin Purge 15:30
Time Collect Sample 15:30

Water Level (ft bmp)	Time	pH	Cond. (uS/cm)	Temp (°C)	DO (mg/L)	ORP (rel mV)	Turbidity (NTU)
0	15:30	6.62	441.4	9.8	9.48	65.0	18

Comments:

Flow Rate: 30000 mL/min



Sampler _____

Date March 26, 2026

Supervisor _____ **Date** _____

Appendix B Laboratory Analytical Reports and Data Validation

DATA VALIDATION CHECKLIST

Project Name:	Ravensdale Project
Project Number:	US-WSP-31406578.0889 Task 2000
Sample Identification(s):	MW-1A-0326, MW-2A-0326, MW-3A-0326, MW-4A-0326, MW-5A-0326 MW-6A-0326, MW-7A-0326, MW-9A-0326, MW-10A-0326, MW-45A-0326 MWB-1LDA-0326, MWB-2LDA-0326, MWB-3LDA-0326, MWB-1SDSP-0326, MWB-1DDSP-0326, MWB-5DSP-0326, MWB-6DSP-0326 Mine Portal-0326, MW-55A-0326, MW-99-1-0326, Infiltration Ponds-0326 Weir-0326, South Pond-0326, Interceptor Trench-0326, MW-35A-0326, Tank-Influent, Sand-Effluent, As-Effluent, MW-8a-0326, and MW-99-2-0326
Sample Date(s):	3/24/2026, 3/26/2026, 3/27/2026, 3/31/2026
Sample Team:	Andrew Waser, WSP
Sample Matrix:	Aqueous
Analyzing Laboratory:	Analytical Resources, Inc. – Tukwila, WA
Analyses:	TDS (SM2540C); Total Metals: K, Pb, Sb, V (SW6010D, E200.8); As (E200.8 UCT-KED), Dissolved Metals: K, Pb, Sb, V (SW6010D, E200.8); As (E200.8 UCT-KED)
Laboratory Report No.:	26C0611, 26C0612, 26D0004

FIELD DATA PACKAGE DOCUMENTATION

	Reported		Performance Acceptable		Not Required
Field Sampling Logs:	NO	YES	NO	YES	
1. Sampling dates noted		X		X	
2. Sampling team indicated		X		X	
3. Sampling identification traceable to location collected		X		X	
4. Sample location		X		X	
5. Collection technique (bailer, pump, etc.)		X		X	
6. Sample container type		X		X	
7. Preservation methods		X		X	
8. Chain-of-custody form completed		X		X	
9. Required analytical methods requested		X		X	
10. Field sample logs completed properly and signed		X		X	
11. Number and type of field QC samples collected		X		X	
12. Field equipment calibration		X		X	
13. Field equipment decontamination		X		X	

QC – quality control

COMMENTS:

- Lab package 26C0612 had the date on the COC as 3/27/27 instead of 3/27/26. This was done in error, the correct date is 3/27/26. No further action was required other than to note.

ANALYTICAL DATA PACKAGE DOCUMENTATION

GENERAL INFORMATION

	Reported		Performance Acceptable		Not Required
	NO	YES	NO	YES	
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Reporting limits of analysis		X		X	
5. Sample collection date		X		X	
6. Laboratory sample received date		X		X	
7. Sample preparation/extraction date		X		X	
8. Sample analysis date		X		X	
9. Copy of chain-of-custody form signed by lab sample custodian		X		X	
10. Narrative summary of QA or sample problems provided		X	X		

QA – quality assurance

COMMENTS:

- Samples Tank-Influent, Sand-Effluent, and As-Effluent were received with improper preservation requirements for dissolved metals upon receipt; however, it was confirmed in the receipt form that the samples were filtered and adjusted to a pH <2 with 2.0mL of nitric acid. Further action was not required other than to note.
- Sample Interceptor Trench-0326 was received with improper preservation for total metals upon receipt; however, it was confirmed in receipt form that the sample was adjusted to a pH <2 with 2.0mL of nitric acid. Further action was not required other than to note.

INORGANIC ANALYSES

Metals (EPA 6010/200.8) (E200.8 UCT-KED)	Reported		Performance Acceptable		Not Required
	NO	YES	NO	YES	
1. Holding times		X		X	
2. Reporting limits		X		X	
3. Blanks		X		X	
a. Method blanks		X		X	
b. Equipment /Rinsate blanks		X		X	
4. Laboratory control sample (LCS) %R		X		X	
5. Matrix spike (MS) %R		X	X		
6. LCS duplicate (LCSD) %R		X		X	
7. MS duplicate (MSD) %R		X		X	
8. MS / MSD RPD		X		X	
9. LCS / LCSD RPD		X		X	
10. Laboratory Duplicate RPD		X		X	
11.Field duplicate comparison		X	X		

%R – percent recovery RPD – relative percent difference

COMMENTS:

Performance was acceptable, with the following exceptions and/or notes:

- The matrix spike was outside QC criteria as shown in the table below. Using professional judgement, when the native concentration was four times greater than the spiking concentration, no qualifications were required.

Sample ID	Method	Analyte	MS/MSD recovery (%)	RPD (%)	QC criteria
Tank-Influent	6010D	Potassium, Dissolved*	**379/--**	--	75-125/--

- Field duplicates were as follows: MW-35A-0326 was a duplicate of Infiltration Ponds-0326, MW-45A-0326 was a duplicate of MW-2A-0326, and MWB-6DSP-0326 was a duplicate of MW-55A-0326. Using professional judgement, results were qualified as estimated (J). The RPD was above the QC limit of 30% for vanadium at 46% for samples MW-45A-0326 and MW-2A-0326. However, both results were below the RL and therefore no qualification was required.

- Certain samples were analyzed at dilutions to bring sample concentrations within the instrument calibration range. Reporting limits were elevated proportional to the dilution when undiluted results were not provided by the laboratory. The National Functional Guidelines did not require qualification based on dilution, but the end user was alerted that the sensitivity of non-detect results were considered as part of the determination of the usability of the data.

GENERAL WET CHEMISTRY

TDS (SM 2540C)	Reported		Performance Acceptable		Not Required
	NO	YES	NO	YES	
1. Holding times		X		X	
2. Reporting limits		X		X	
3. Blanks		X		X	
a. Method blanks		X		X	
b. Equipment rinsate blanks		X	X		
4. Laboratory control sample (LCS) %R		X		X	
5. Matrix spike (MS) %R		X		X	
6. LCS duplicate (LCSD) %R		X		X	
7. MS duplicate (MSD) %R		X		X	
8. MS/MSD RPD		X		X	
9. LCS/LCSD RPD		X		X	
10. Laboratory Duplicate RPD		X		X	
11. Field duplicate comparison		X		X	

%R – percent recovery RPD – relative percent difference

COMMENTS:

- There was a detection in the method blank as shown below. Following inorganic guidance, when both the blank and the associated sample were above the RL and the sample was 10x greater than the blank concentration, no qualifications were required.

Sample ID	Method	Type	Analyte	Blank Result	Reporting Limit	Units
BOC0694-BLK1	SM 2540	Method Blank	Dissolved Solids	7	5	mg/L

- Field duplicates were as follows: MW-35A-0326 was a duplicate of Infiltration Ponds-0326, MW-45A-0326 was a duplicate of MW-2A-0326, and MWB-6DSP-0326 was a duplicate of MW-55A-0326. The RPD was above the QC limit of 30% for total dissolved solids at 163% for samples MW-35A-0326 and Infiltration Ponds-0326. Using professional judgement, results were qualified as estimated (J).

DATA VALIDATION CHECKLIST

SUMMARY AND DATA QUALIFIER CODES

Project Name:	Ravensdale Project
Project Number:	US-WSP-31406578.0889 Task 2000
Sample Identification(s):	MW-1A-0326, MW-2A-0326, MW-3A-0326, MW-4A-0326, MW-5A-0326 MW-6A-0326, MW-7A-0326, MW-9A-0326, MW-10A-0326, MW-45A-0326 MWB-1LDA-0326, MWB-2LDA-0326, MWB-3LDA-0326, MWB-1SDSP-0326, MWB-1DDSP-0326, MWB-5DSP-0326, MWB-6DSP-0326 Mine Portal-0326, MW-55A-0326, MW-99-1-0326, Infiltration Ponds-0326 Weir-0326, South Pond-0326, Interceptor Trench-0326, MW-35A-0326, Tank-Influent, Sand-Effluent, As-Effluent, MW-8a-0326, and MW-99-2-0326
Sample Date(s):	3/24/2026, 3/26/2026, 3/27/2026, 3/31/2026
Sample Team:	Andrew Waser, WSP
Sample Matrix:	Aqueous
Analyzing Laboratory:	Analytical Resources, Inc. – Tukwila, WA
Analyses:	TDS (SM2540C); Total Metals: K, Pb, Sb, V (SW6010D, E200.8); As (E200.8 UCT-KED), Dissolved Metals: K, Pb, Sb, V (SW6010D, E200.8); As (E200.8 UCT-KED)
Laboratory Report No.:	26C0611, 26C0612, 26D0004

Sample ID	Analyte(s)	Old Result	Old Qualifier	New Result	New Qualifier	Reason(s)
Infiltration Ponds-0326	Total Dissolved Solids	--	--	--	J	Field duplicate RPD exceeds QC criteria
MW-35A-0326	Total Dissolved Solids	--	--	--	J	Field duplicate RPD exceeds QC criteria

VALIDATION PERFORMED BY:	Julia Campbell, WSP
DATE:	May 13, 2026
PEER REVIEW PERFORMED BY:	Michael Shadle, WSP
DATE:	June 9, 2026

		Infiltration Ponds	MW-35A Duplicate						
Analyte	**Fraction**	**Result**	**Result**	**RPD**	**Abs Diff**	**Unit**	**Qualifier**	**RL**	**MDL**
Antimony	Total	11.1	10.9	2%	0.20	ug/L		0.2	0.15
Arsenic	Total	8.15	8.09	1%	0.06	ug/L		0.2	0.1
Potassium	Total	334	331	1%	3.00	mg/L		0.5	0.25
Vanadium	Total	1.22	1.23	1%	0.01	ug/L		0.2	0.1
Total Dissolved Solids	Dissolved	927	9060	163%	8133	mg/L	J	13	13
Lead	Total	4.4	4.56	4%	0.16	ug/L		0.2	0.1
Antimony	Dissolved	11.5	11.1	4%	0.40	ug/L		0.2	0.15
Arsenic	Dissolved	7.46	7.25	3%	0.21	ug/L		0.2	0.1
Potassium	Dissolved	327	325	1%	2.00	ug/L		0.5	0.25
Vanadium	Dissolved	0.823	0.778	6%	0.04	mg/L		0.2	0.1
Lead	Dissolved	1.19	1.01	16%	0.18	ug/L		0.2	0.1

		MW-2A	MW-45A Duplicate						
Analyte		**Result**	**Result**	**RPD**	**Abs Diff**	**Unit**	**Qualifier**	**RL**	**MDL**
Antimony	Total	2.39	2.27	5%	0.12	ug/L		0.2	0.15
Arsenic	Total	1.33	1.27	5%	0.06	ug/L		0.2	0.1
Potassium	Total	29.2	29.2	0%	0.00	mg/L		0.5	0.25
Vanadium	Total	0.925	0.58	46%	0.35	ug/L		1	0.5

		MWB-6DSP	MW-55A-0326 Duplicate						
Analyte		**Result**	**Result**	**RPD**	**Abs Diff**	**Unit**	**Qualifier**	**RL**	**MDL**
Arsenic	Total	1.66	1.99	18%	0.33	ug/L		0.2	0.1
Potassium	Total	1.18	1.14	3%	0.04	ug/L		0.5	0.25

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

16 April 2026

Accounts Payable
WSP USA, Inc.
840 HOWE STREET, #1000
VANCOUVER, BRITISH COLUMBIA V6Z 2M1

RE: Ravensdale (US-WSP-31406578.4513)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
26C0612	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Kelly Bottem, Client Services Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-018

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 26C0612	Turn-around Requested: Standard
ARI Client Company: WSP	Phone: 425-883-0777
Client Contact: Danilyn Espiritu, Gary Zimmerman	
Client Project Name: Riverside Treatment System	
Client Project #: US-WSP-31406578.4513	Samplers: AL + EG

Page: 1	of 1
Date: 3/27/27	Ice Present?
No. of Coolers:	Cooler Temps: 1.4

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals (As, Pb, Sb, V, Fe)	Analysis Requested: Dissolved Metals (As, Pb, Sb, V, Fe)	Notes/Comments
Tank-Influent	3/27/27	1220	W	2	X	X	
Sand-Effluent	3/27/27	1225	W	2	X	X	
AS-Effluent	3/27/27	1230	W	2	X	X	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
Please Include PO, PN, and Task ID on Invoices PO: P12002SUS001 PN: US-WSP-31406578.4513 Task: 01	(Signature)	(Signature)	(Signature)	(Signature)
	Printed Name: Andrew Waser	Printed Name: Nila Thobany	Printed Name:	Printed Name:
	Company: WSP	Company: ARLLC	Company:	Company:
	Date & Time: 3/27/26 1545	Date & Time: 3/27/26 1545	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Tank-Influent	26C0612-01	Water	27-Mar-2026 12:20	27-Mar-2026 15:45
Tank-Influent	26C0612-02	Water	27-Mar-2026 12:20	27-Mar-2026 15:45
Sand-Effluent	26C0612-03	Water	27-Mar-2026 12:25	27-Mar-2026 15:45
Sand-Effluent	26C0612-04	Water	27-Mar-2026 12:25	27-Mar-2026 15:45
As-Effluent	26C0612-05	Water	27-Mar-2026 12:30	27-Mar-2026 15:45
As-Effluent	26C0612-06	Water	27-Mar-2026 12:30	27-Mar-2026 15:45

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Work Order Case Narrative

Client: WSP USA, Inc.
Project: Ravensdale
Work Order: 26C0612

Sample receipt

Samples as listed on the preceding page were received 27-Mar-2026 15:45 under ARI work order 26C0612. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Total and Dissolved Metals - EPA Method 200.8 and 6010D

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations including interference checks were within method requirements for reported elements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

WORK ORDER

26C0612

Client: WSP USA, Inc. **Project Manager:** Kelly Bottem

Project: Ravensdale **Project Number:** US-WSP-31406578.4513

Preservation Confirmation

Container ID	Container Type	pH	pH Paper Lot#: N000119
26C0612-01 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0612-02 A	HDPE NM, 1000 mL		
26C0612-03 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0612-04 A	HDPE NM, 1000 mL		
26C0612-05 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0612-06 A	HDPE NM, 1000 mL		

NDT
Preservation Confirmed By

03/28/26
Date

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: WSP Project Name: Ravensdale

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier ~~Hand Delivered~~ Other:

Assigned ARI Job No: 26C0612 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) Time 1545 ____ ____ (1.4) 0.9 1.8 ____ Temp Gun ID#: 8117		
Was a temperature blank included in the cooler?	YES	(NO)
Were coolers received between 0°- 6° (°C)	(YES)	NO
Was an attempt made to cool the samples?	NA	(YES) NO

Cooler Accepted by: NDT Date: 03/27/26 Time: 1545

Complete custody forms and attach all shipping documents

Log-In Phase:

What kind of packing material was used? Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block N/A Other:

Are any samples that were out of temperature compliance documented in LIMS?		(YES)	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: NDT Date: 03/28/26 Time: 0918 Labels checked by: NDT

***** Notify Project Manager of discrepancies or concerns *****

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

WORK ORDER

26C0612

Client: WSP USA, Inc.	**Project Manager:** Kelly Bottem
Project: Ravensdale	**Project Number:** US-WSP-31406578.4513

Preservation Confirmation

Container ID	Container Type	pH	pH Paper Lot#: No 00119
26C0612-01 A	HDPE NM, 500 mL, 1:1 HNO3	<2 P	
26C0612-02 A	HDPE NM, 1000 mL		(1)
26C0612-03 A	HDPE NM, 500 mL, 1:1 HNO3	<2 P	
26C0612-04 A	HDPE NM, 1000 mL		(1)
26C0612-05 A	HDPE NM, 500 mL, 1:1 HNO3	<2 P	
26C0612-06 A	HDPE NM, 1000 mL		(1)

NDT
Preservation Confirmed By

03/28/26
Date

(1) Filtered at 0.45 µm and preserved to pH <2.0 with 0.50ml conc. HNO_3 (N9080).
µm 3130126 1500

Pres Checked pH <2
11:49 4/1/26 NTN

Reviewed By

Date

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Tank-Influent

26C0612-01 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:20
Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 19:16

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0612-01 A 02
Preparation Batch: BOC0686 — Sample Size: 25 mL
Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	12.5	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	24.7	ug/L	
Lead	7439-92-1	1	0.100	0.200	62.9	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	2.27	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Tank-Influent

26C0612-01RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 12:20

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:18

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0612-01RE1 A 01

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	10	2.50	5.00	497	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Tank-Influent

26C0612-02 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/27/2026 12:20
Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 21:32

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0612-02 A 03
Preparation Batch: BOD0157 — Sample Size: 25 mL
Prepared: 04/08/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony, Dissolved	7440-36-0	1	0.150	0.200	12.0	ug/L	
Arsenic UCT, Dissolved	7440-38-2	1	0.100	0.200	1.67	ug/L	
Lead, Dissolved	7439-92-1	1	0.100	0.200	27.4	ug/L	
Vanadium, Dissolved	7440-62-2	1	0.100	0.200	1.44	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Tank-Influent

26C0612-02 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6010D — Sampled: 03/27/2026 12:20

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 19:52

Sample Preparation: Preparation Method: WMN (No Prep) — Extract ID: 26C0612-02 A 02

Preparation Batch: BOD0020 — Sample Size: 25 mL

Prepared: 04/01/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium, Dissolved	7440-09-7	10	2.50	5.00	448	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Sand-Effluent

26C0612-03 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 19:21

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0612-03 A 02

Preparation Batch: BOC0686 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	11.8	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	7.79	ug/L	
Lead	7439-92-1	1	0.100	0.200	44.0	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	1.90	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Sand-Effluent

26C0612-03RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 12:25

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:21

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0612-03RE1 A 01

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	10	2.50	5.00	478	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Sand-Effluent

26C0612-04 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/27/2026 12:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 19:53

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0612-04 A 03

Preparation Batch: BOD0157 — Sample Size: 25 mL

Prepared: 04/08/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony, Dissolved	7440-36-0	1	0.150	0.200	12.2	ug/L	
Arsenic UCT, Dissolved	7440-38-2	1	0.100	0.200	2.92	ug/L	
Lead, Dissolved	7439-92-1	1	0.100	0.200	33.3	ug/L	
Vanadium, Dissolved	7440-62-2	1	0.100	0.200	1.79	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Sand-Effluent

26C0612-04 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6010D — Sampled: 03/27/2026 12:25

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 19:46

Sample Preparation: Preparation Method: WMN (No Prep) — Extract ID: 26C0612-04 A 02

Preparation Batch: BOD0020 — Sample Size: 25 mL

Prepared: 04/01/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium, Dissolved	7440-09-7	10	2.50	5.00	472	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

As-Effluent

26C0612-05 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 19:58

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0612-05 A 02

Preparation Batch: BOC0686 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	10.4	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	20.7	ug/L	
Lead	7439-92-1	1	0.100	0.200	24.3	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	1.95	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

As-Effluent

26C0612-05RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 12:30

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:24

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0612-05RE1 A 01

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	10	2.50	5.00	495	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

As-Effluent

26C0612-06 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/27/2026 12:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 20:03

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0612-06 A 03

Preparation Batch: BOD0157 — Sample Size: 25 mL

Prepared: 04/08/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony, Dissolved	7440-36-0	1	0.150	0.200	10.9	ug/L	
Arsenic UCT, Dissolved	7440-38-2	1	0.100	0.200	10.5	ug/L	
Lead, Dissolved	7439-92-1	1	0.100	0.200	3.82	ug/L	
Vanadium, Dissolved	7440-62-2	1	0.100	0.200	1.79	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

As-Effluent

26C0612-06 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6010D — Sampled: 03/27/2026 12:30
Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 19:49

Sample Preparation: Preparation Method: WMN (No Prep) — Extract ID: 26C0612-06 A 02
Preparation Batch: BOD0020 — Sample Size: 25 mL
Prepared: 04/01/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium, Dissolved	7440-09-7	10	2.50	5.00	460	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0652 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0652-BLK1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 20:29						
Potassium	ND	0.250	0.500	mg/L							U
LCS (BOC0652-BS1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 20:32						
Potassium	10.2	0.250	0.500	mg/L	10.0		102	80-120			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0686 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0686-BLK1)					Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 17:48							
Antimony	121	ND	0.150	0.200	ug/L							U
Arsenic UCT	75a UCT	ND	0.100	0.200	ug/L							U
Lead	208	ND	0.100	0.200	ug/L							U
Blank (BOC0686-BLK2)					Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 18:42							
Vanadium	51a	ND	0.100	0.200	ug/L							U
LCS (BOC0686-BS1)					Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 17:53							
Antimony	121	21.3	0.150	0.200	ug/L	25.0		85.2	85-115			
Arsenic UCT	75a UCT	25.8	0.100	0.200	ug/L	25.0		103	85-115			
Lead	208	26.0	0.100	0.200	ug/L	25.0		104	85-115			
LCS (BOC0686-BS2)					Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 18:47							
Vanadium	51a	24.5	0.100	0.200	ug/L	25.0		97.9	85-115			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BOD0020 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0020-BLK1)					Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 17:41						
Potassium, Dissolved	ND	0.250	0.500	mg/L							U
LCS (BOD0020-BS1)					Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 17:44						
Potassium, Dissolved	10.3	0.253	0.505	mg/L	10.0		103	80-120			
Duplicate (BOD0020-DUP1)		**Source: 26C0612-02**			Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 19:55						
Potassium, Dissolved	455	2.50	5.00	mg/L		448			1.47	20	D
Matrix Spike (BOD0020-MS1)		**Source: 26C0612-02**			Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 19:58						
Potassium, Dissolved	486	2.53	5.05	mg/L	10.0	448	379	75-125			HC, D

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BOD0157 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0157-BLK1)					Prepared: 08-Apr-2026 Analyzed: 14-Apr-2026 19:44							
Antimony, Dissolved	121	ND	0.150	0.200	ug/L							U
Arsenic UCT, Dissolved	75a UCT	ND	0.100	0.200	ug/L							U
Lead, Dissolved	208	ND	0.100	0.200	ug/L							U
Vanadium, Dissolved	51a	ND	0.100	0.200	ug/L							U
LCS (BOD0157-BS1)					Prepared: 08-Apr-2026 Analyzed: 14-Apr-2026 19:48							
Antimony, Dissolved	121	25.6	0.150	0.200	ug/L	25.0		102	85-115			
Arsenic UCT, Dissolved	75a UCT	26.1	0.100	0.200	ug/L	25.0		104	85-115			
Lead, Dissolved	208	24.9	0.100	0.200	ug/L	25.0		99.5	85-115			
Vanadium, Dissolved	51a	24.7	0.100	0.200	ug/L	25.0		98.9	85-115			
Duplicate (BOD0157-DUP1)			**Source: 26C0612-02**		Prepared: 08-Apr-2026 Analyzed: 14-Apr-2026 21:36							
Antimony, Dissolved	121	12.0	0.150	0.200	ug/L		12.0			0.55	20	
Arsenic UCT, Dissolved	75a UCT	1.71	0.100	0.200	ug/L		1.67			2.37	20	
Lead, Dissolved	208	28.5	0.100	0.200	ug/L		27.4			4.23	20	
Vanadium, Dissolved	51a	1.47	0.100	0.200	ug/L		1.44			2.40	20	
Matrix Spike (BOD0157-MS1)			**Source: 26C0612-02**		Prepared: 08-Apr-2026 Analyzed: 14-Apr-2026 21:41							
Antimony, Dissolved	121	38.8	0.150	0.200	ug/L	25.0	12.0	107	75-125			
Arsenic UCT, Dissolved	75a UCT	28.7	0.100	0.200	ug/L	25.0	1.67	108	75-125			
Lead, Dissolved	208	50.2	0.100	0.200	ug/L	25.0	27.4	91.4	75-125			
Vanadium, Dissolved	51a	24.9	0.100	0.200	ug/L	25.0	1.44	93.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Uncertified Analytes included in this Report

Analysis Matrix & Analyte
None

Certified Analyses included in this Report

Analysis Matrix & Analyte	Certification Codes
EPA 200.8 in Water	
Antimony-121	DoD-ELAP,NELAP,WADOE,WA-DW
Arsenic-75a UCT	DoD-ELAP,NELAP,WADOE,WA-DW
Lead-208	DoD-ELAP,NELAP,WADOE,WA-DW
Vanadium-51a	DoD-ELAP,NELAP,WADOE,WA-DW
Antimony-121	DoD-ELAP,NELAP,WADOE
Arsenic-75a UCT	DoD-ELAP,NELAP,WADOE
Lead-208	DoD-ELAP,NELAP,WADOE
Vanadium-51a	DoD-ELAP,NELAP,WADOE
EPA 6010D in Water	
Potassium	DoD-ELAP,NELAP,WADOE
Potassium	DoD-ELAP,NELAP,WADOE

Certifications

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/28/2027
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	01/31/2027
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-018	05/12/2026
WADOE	WA Dept of Ecology	C558	06/30/2026
WA-DW	Ecology - Drinking Water	C558	06/30/2026

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.4513	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	16-Apr-2026 17:08

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution.
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.
!	Indicates that ARL is NOT ACCREDITED for this parameter in samples logged as 'Drinking Water'
#	Indicates that ARL is NOT ACCREDITED for this parameter in this analysis and matrix.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

21 April 2026

Accounts Payable
WSP USA, Inc.
840 HOWE STREET, #1000
VANCOUVER, BRITISH COLUMBIA V6Z 2M1

RE: Ravensdale (Ravensdale)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
26D0004	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Kelly Bottem, Client Services Manager

Cert# 100006-018

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 26D0004	Turn-around Requested: Standard	Page: 1 of 1	
ARI Client Company: WSP	Phone: (425)-221-4929	Date: 3/31/26	Ice Present? Yes
Client Contact: Gary Zimmerman, Danilyn Espiritu		No. of Coolers: 1	Cooler Temps: 5.8°
Client Project Name: Ravensdale			
Client Project #: VS-WSP-31406578.0889	Samplers: Evan Gonick		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals (As, Pb, Sb, V, Hg)	Analysis Requested: TDS	Notes/Comments
MW-8A-0326	3/31/26	1205	W	2	X	X	
MW-99-2-0326	3/31/26	1210	W	2	X	X	

Comments/Special Instructions
~~Please include PO, PM, and task ID on invoices~~

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Evan Gonick	Roman		
Company:	WSP	ARLC		
Date & Time:	3/31/26 1412	03/31/26 1412		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8A-0326	26D0004-01	Water	31-Mar-2026 12:05	31-Mar-2026 14:12
MW-99-2-0326	26D0004-02	Water	31-Mar-2026 12:10	31-Mar-2026 14:12

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Work Order Case Narrative

Client: WSP USA, Inc.
Project: Ravensdale
Work Order: 26D0004

Sample receipt

Samples as listed on the preceding page were received 31-Mar-2026 14:12 under ARI work order 26D0004. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Total Metals - EPA Method 200.8 and 6010D

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations including interference checks were within method requirements for reported elements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

WORK ORDER

26D0004

Client: WSP USA, Inc.	**Project Manager: Kelly Bottem**
Project:Ravensdale	**Project Number: Ravensdale**

Preservation Confirmation

Container ID	Container Type	pH	pH Paper Lot#: N000119
26D0004-01 A	HDPE NM, 1000 mL		
26D0004-01 B	HDPE NM, 500 mL, 1:1 HNO3	L2 p	
26D0004-02 A	HDPE NM, 1000 mL		
26D0004-02 B	HDPE NM, 500 mL, 1:1 HNO3	L2 p	

SS
Preservation Confirmed By

4-1-26
Date

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: WSP Project Name: Ravensdale

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 26D0004 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO
Temperature of Cooler(s) (°C) Time 1412 5.8 ____ ____ ____ ____ ____ Temp Gun ID#: 9708		
Was a temperature blank included in the cooler?	YES	NO
Were coolers received between 0°- 6° (°C)	YES	NO
Was an attempt made to cool the samples?	NA YES	NO

Cooler Accepted by: _____ Date: 03/31/26 Time: 1412

Complete custody forms and attach all shipping documents

Log-In Phase:

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block N/A Other: _____

Are any samples that were out of temperature compliance documented in LIMS?		YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA	_____	

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

03/31/26

Samples Logged by: SS Date: 4-1-26 Time: 11:36 Labels checked by: SS

***** Notify Project Manager of discrepancies or concerns *****

Additional Notes, Discrepancies, & Resolutions:

By: Date:

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-8A-0326

26D0004-01 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/31/2026 12:05
Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 01:35

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26D0004-01 B 01
Preparation Batch: BOD0050 — Sample Size: 25 mL
Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	3.91	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	4.88	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	2.47	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-8A-0326

26D0004-01 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/31/2026 12:05

Instrument: ICP3 Analyst: MCB — Analyzed: 04/03/2026 16:50

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26D0004-01 B 02

Preparation Batch: BOD0032 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	132	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-8A-0326

26D0004-01 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/31/2026 12:05

Instrument: BAL2 Analyst: RAL — Analyzed: 04/07/2026 12:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26D0004-01

Preparation Batch: BOD0132 — Sample Size: 100 mL

Prepared: 04/07/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	454	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-8A-0326

26D0004-01RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/31/2026 12:05

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 19:28

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26D0004-01RE1 B 01

Preparation Batch: BOD0050 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-99-2-0326

26D0004-02 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/31/2026 12:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 01:39

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26D0004-02 B 01

Preparation Batch: BOD0050 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-99-2-0326

26D0004-02 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/31/2026 12:10

Instrument: ICP3 Analyst: MCB — Analyzed: 04/03/2026 16:54

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26D0004-02 B 02

Preparation Batch: BOD0032 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	ND	mg/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-99-2-0326

26D0004-02 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/31/2026 12:10

Instrument: BAL2 Analyst: RAL — Analyzed: 04/07/2026 12:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26D0004-02

Preparation Batch: BOD0132 — Sample Size: 200 mL

Prepared: 04/07/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	ND	mg/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

MW-99-2-0326

26D0004-02RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/31/2026 12:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 19:32

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26D0004-02RE1 B 01

Preparation Batch: BOD0050 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOD0032 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0032-BLK1)					Prepared: 02-Apr-2026 Analyzed: 03-Apr-2026 16:02						
Potassium	ND	0.250	0.500	mg/L							U
LCS (BOD0032-BS1)					Prepared: 02-Apr-2026 Analyzed: 03-Apr-2026 16:05						
Potassium	10.3	0.250	0.500	mg/L	10.0		103	80-120			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOD0050 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0050-BLK1)					Prepared: 02-Apr-2026 Analyzed: 02-Apr-2026 17:53							
Antimony	121	ND	0.150	0.200	ug/L							U
Arsenic UCT	75a UCT	ND	0.100	0.200	ug/L							U
Blank (BOD0050-BLK2)					Prepared: 02-Apr-2026 Analyzed: 03-Apr-2026 20:17							
Lead	208	ND	0.100	0.200	ug/L							U
Blank (BOD0050-BLK3)					Prepared: 02-Apr-2026 Analyzed: 07-Apr-2026 19:03							
Vanadium	51a	ND	0.100	0.200	ug/L							U
LCS (BOD0050-BS1)					Prepared: 02-Apr-2026 Analyzed: 02-Apr-2026 18:04							
Antimony	121	25.6	0.150	0.200	ug/L	25.0		103	85-115			
Arsenic UCT	75a UCT	25.4	0.100	0.200	ug/L	25.0		102	85-115			
LCS (BOD0050-BS2)					Prepared: 02-Apr-2026 Analyzed: 03-Apr-2026 20:27							
Lead	208	26.0	0.100	0.200	ug/L	25.0		104	85-115			
LCS (BOD0050-BS3)					Prepared: 02-Apr-2026 Analyzed: 07-Apr-2026 19:14							
Vanadium	51a	22.2	0.100	0.200	ug/L	25.0		88.6	85-115			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BOD0132 - SM 2540 C-11 in Water

Instrument: BAL2 Analyst: RAL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0132-BLK1)				Prepared: 07-Apr-2026 Analyzed: 07-Apr-2026 12:33							
Dissolved Solids	ND	5	5	mg/L							U
LCS (BOD0132-BS1)				Prepared: 07-Apr-2026 Analyzed: 07-Apr-2026 12:33							
Dissolved Solids	473	10	10	mg/L	502		94.2	90-110			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Uncertified Analytes included in this Report

Analysis Matrix & Analyte
None

Certified Analyses included in this Report

Analysis Matrix & Analyte	Certification Codes
EPA 200.8 in Water	
Antimony-121	DoD-ELAP,NELAP,WADOE
Arsenic-75a UCT	DoD-ELAP,NELAP,WADOE
Lead-208	DoD-ELAP,NELAP,WADOE
Vanadium-51a	DoD-ELAP,NELAP,WADOE
EPA 6010D in Water	
Potassium	DoD-ELAP,NELAP,WADOE
SM 2540 C-11 in Water	
Dissolved Solids	DoD-ELAP,WADOE,NELAP,WA-DW

Certifications

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/28/2027
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	01/31/2027
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-018	05/12/2026
WADOE	WA Dept of Ecology	C558	06/30/2026
WA-DW	Ecology - Drinking Water	C558	06/30/2026

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: Ravensdale	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	21-Apr-2026 11:46

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution.
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.
!	Indicates that ARL is NOT ACCREDITED for this parameter in samples logged as 'Drinking Water'
#	Indicates that ARL is NOT ACCREDITED for this parameter in this analysis and matrix.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

22 April 2026

Accounts Payable
WSP USA, Inc.
840 HOWE STREET, #1000
VANCOUVER, BRITISH COLUMBIA V6Z 2M1

RE: Ravensdale (US-WSP-31406578.0889)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
26C0611	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Kelly Bottem, Client Services Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-018

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 26C0611	Turn-around Requested: Standard
ARI Client Company: WSP	Phone: 425-883-0777
Client Contact: Donilyn Espiritu, Gary Zimmerman	
Client Project Name: Ravensdale 2026 Q1 Sampling	
Client Project #: US-WSP-314065 78.0884	Samplers: AW + EG

Page: 1 of 3

Date: 3/27/27 Ice Present?

No. of Coolers: 3 Cooler Temps: 1.4, 0.9, 1.8

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals (As, Pb, Sb, V, Zr)	Analysis Requested: TOS	Analysis Requested: Dissolved Metals (As, Pb, Sb, V, Zr)	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
MW-1A-0326	3/24/26	1140	W	2	X	X							
MW-2A-0326	3/24/26	1220	W	2	X	X							
MW-3A-0326	3/24/26	0955	W	2	X	X							
MW-4A-0326	3/26/26	1615	W	2	X	X							
MW-5A-0326	3/24/26	1355	W	2	X	X							
MW-6A-0326	3/24/26	1305	W	2	X	X							
MW-7A-0326	3/27/26	1430	W	2	X	X							
MW-9A-0326	3/26/26	1650	W	2	X	X							
MW-10A-0326	3/27/26	1130	W	2	X	X							
MW-45A-0326	3/24/26	1225	W	2	X	X							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
PO: P119363US001	(Signature)	(Signature)	(Signature)	(Signature)
PN: US-WSP-314065 78.0884	Printed Name: Andrew Waser	Printed Name: Nola Thipboy	Printed Name:	Printed Name:
Task: 2000	Company: WSP	Company: ARLLC	Company:	Company:
	Date & Time: 3/27/26 1545	Date & Time: 3/27/26 1545	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 26C0611	Turn-around Requested: Standard	Page: 2 of 3	
ARI Client Company: WSP	Phone: 425-883-0777	Date: 3/27/27	Ice Present?
Client Contact: Darilyn Espinita, Gary Zimmerman		No. of Coolers: 3	Cooler Temps: 1.4, 0.9, 1.8
Client Project Name: Riverside 2026 Q1 Sampling			
Client Project #: US-WSP-314065578.0884	Samplers: AW + EG		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Total Metals (As, Pb, Sb, V, K)	Analysis Requested: TDS	Analysis Requested: Dissolved Metals (As, Pb, Sb, V, K)	Notes/Comments
MWB-1LDA-0326	3/26/26	1410	W	2	X	X		
MWB-2LDA-0326	3/26/26	1445	W	2	X	X		
MWB-3LDA-0326	3/26/26	1525	W	2	X	X		
MWB-1SDSP-0326	3/26/26	1200	W	2	X	X		
MWB-1DDSP-0326	3/26/26	1235	W	2	X	X		
MWB-5DSP-0326	3/26/26	1315	W	2	X	X		
MWB-6DSP-0326	3/26/26	1105	W	2	X	X		
Mine Portal-0326	3/26/26	1330	W	2	X	X		
MW-55A-0326	3/26/26	1110	W	2	X	X		
MW-99-1-0326	3/27/26	1215	W	2	X	X		

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
PO: P119363 WS001	(Signature)	(Signature)	(Signature)	(Signature)
PN: WS-WSP-314065578.0884	Printed Name: Andrew Waser	Printed Name: Nola Thrabow	Printed Name:	Printed Name:
Task: 2000	Company: WSP	Company: ARLLC	Company:	Company:
	Date & Time: 3/27/26 1545	Date & Time: 3/27/26 545	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 26C0611	Turn-around Requested: Standard	Page: 3 of 3	
ARI Client Company: WSP	Phone: 425-883-0777	Date: 3/27/27	Ice Present?
Client Contact: Danilyn Espiritu, Gary Zimmerman		No. of Coolers: 3	Cooler Temps: 1.4, 0.9, 1.8
Client Project Name: Ravenstale 2026 Q1 Sampling			
Client Project #: US-WSP-314067S8.08891	Samplers: AW + EG		

Sample ID	Date	Time	Matrix	No. Containers	Total Metals (As, Pb, Sb, V, K)	TDS	Dissolved Metals (As, Pb, Sb, K, V)						Notes/Comments
Infiltration Ponds-0326	3/27/26	1255	W	~~AW~~ 3	x	x	x						
Weir-0326	3/24/26	1025	W	6	x	x							MS/MSD
South Pond-0326	3/27/26	1155	W	2	x	x							
Interceptor Trench-0326	3/26/26	1530	W	~~AW~~ 2	x	x							
MW-35A-0326	3/26/26	1300	W	3	x	x	x						

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Please include PO, PN, and Task ID on invoices PO: P119363US0001 PN: US-WSP-314067S8.08891 Task: 2000	Printed Name: Andrew Visser	Printed Name: Nola Thepbo	Printed Name:	Printed Name:
	Company: WSP	Company: ARI C	Company:	Company:
	Date & Time: 3/27/26 1545	Date & Time: 3/27/26 1545	Date & Time:	Date & Time:

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1A-0326	26C0611-01	Water	24-Mar-2026 11:40	27-Mar-2026 15:45
MW-2A-0326	26C0611-02	Water	24-Mar-2026 12:20	27-Mar-2026 15:45
MW-3A-0326	26C0611-03	Water	24-Mar-2026 09:55	27-Mar-2026 15:45
MW-4A-0326	26C0611-04	Water	26-Mar-2026 16:15	27-Mar-2026 15:45
MW-5A-0326	26C0611-05	Water	24-Mar-2026 13:55	27-Mar-2026 15:45
MW-6A-0326	26C0611-06	Water	24-Mar-2026 13:05	27-Mar-2026 15:45
MW-7A-0326	26C0611-07	Water	27-Mar-2026 14:30	27-Mar-2026 15:45
MW-9A-0326	26C0611-08	Water	26-Mar-2026 16:50	27-Mar-2026 15:45
MW-10A-0326	26C0611-09	Water	27-Mar-2026 11:30	27-Mar-2026 15:45
MW-45A-0326	26C0611-10	Water	24-Mar-2026 12:25	27-Mar-2026 15:45
MWB-1LDA-0326	26C0611-11	Water	26-Mar-2026 14:10	27-Mar-2026 15:45
MWB-2LDA-0326	26C0611-12	Water	26-Mar-2026 14:45	27-Mar-2026 15:45
MWB-3LDA-0326	26C0611-13	Water	26-Mar-2026 15:25	27-Mar-2026 15:45
MWB-1SDSP-0326	26C0611-14	Water	26-Mar-2026 12:00	27-Mar-2026 15:45
MWB-1DDSP-0326	26C0611-15	Water	26-Mar-2026 12:35	27-Mar-2026 15:45
MWB-5DSP-0326	26C0611-16	Water	26-Mar-2026 13:15	27-Mar-2026 15:45
MWB-6DSP-0326	26C0611-17	Water	26-Mar-2026 11:05	27-Mar-2026 15:45
Mine Portal-0326	26C0611-18	Water	26-Mar-2026 13:30	27-Mar-2026 15:45
MW-55A-0326	26C0611-19	Water	26-Mar-2026 11:10	27-Mar-2026 15:45
MW-99-1-0326	26C0611-20	Water	27-Mar-2026 12:15	27-Mar-2026 15:45
Infiltration Ponds-0326	26C0611-21	Water	27-Mar-2026 12:55	27-Mar-2026 15:45
Infiltration Ponds-0326	26C0611-22	Water	27-Mar-2026 12:55	27-Mar-2026 15:45
Weir-0326	26C0611-23	Water	24-Mar-2026 10:25	27-Mar-2026 15:45
South Pond-0326	26C0611-24	Water	27-Mar-2026 11:55	27-Mar-2026 15:45
Interceptor Trench-0326	26C0611-25	Water	26-Mar-2026 15:30	27-Mar-2026 15:45
MW-35A-0326	26C0611-26	Water	26-Mar-2026 13:00	27-Mar-2026 15:45
MW-35A-0326	26C0611-27	Water	26-Mar-2026 13:00	27-Mar-2026 15:45

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Work Order Case Narrative

Client: WSP USA, Inc.
Project: Ravensdale
Work Order: 26C0611

Sample receipt

Samples as listed on the preceding page were received 27-Mar-2026 15:45 under ARI work order 26C0611. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Total and Dissolved Metals - EPA Method 200.8 and 6010D

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations including interference checks were within method requirements for reported elements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) contained solids. Samples associated with the blank have been flagged with a "B" qualifier.

The blank spike (BS/LCS) percent recoveries were within control limits.

WORK ORDER

26C0611

Client: WSP USA, Inc. **Project Manager:** Kelly Bottem

Project: Ravensdale **Project Number:** US-WSP-31406578.0889

Preservation Confirmation

Container ID	Container Type	pH	pH Paper Lot#: NO00119
26C0611-01 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-01 B	HDPE NM, 1000 mL		
26C0611-02 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-02 B	HDPE NM, 1000 mL		
26C0611-03 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-03 B	HDPE NM, 1000 mL		
26C0611-04 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-04 B	HDPE NM, 1000 mL		
26C0611-05 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-05 B	HDPE NM, 1000 mL		
26C0611-06 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-06 B	HDPE NM, 1000 mL		
26C0611-07 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-07 B	HDPE NM, 1000 mL		
26C0611-08 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-08 B	HDPE NM, 1000 mL		
26C0611-09 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-09 B	HDPE NM, 1000 mL		
26C0611-10 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-10 B	HDPE NM, 1000 mL		
26C0611-11 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-11 B	HDPE NM, 1000 mL		
26C0611-12 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-12 B	HDPE NM, 1000 mL		
26C0611-13 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-13 B	HDPE NM, 1000 mL		
26C0611-14 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-14 B	HDPE NM, 1000 mL		
26C0611-15 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-15 B	HDPE NM, 1000 mL		
26C0611-16 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-16 B	HDPE NM, 1000 mL		

Reviewed By

Date

WORK ORDER

26C0611

Client: WSP USA, Inc. **Project Manager:** Kelly Bottem

Project: Ravensdale **Project Number:** US-WSP-31406578.0889

26C0611-17 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-17 B	HDPE NM, 1000 mL		
26C0611-18 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-18 B	HDPE NM, 1000 mL		
26C0611-19 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-19 B	HDPE NM, 1000 mL		
26C0611-20 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-20 B	HDPE NM, 1000 mL		
26C0611-21 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-21 B	HDPE NM, 1000 mL		
26C0611-22 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
26C0611-23 A	HDPE NM, 500 mL, 1:1 HNO3	↓	↓
26C0611-23 B	HDPE NM, 500 mL, 1:1 HNO3		
26C0611-23 C	HDPE NM, 500 mL, 1:1 HNO3		
26C0611-23 D	HDPE NM, 1000 mL		
26C0611-23 E	HDPE NM, 1000 mL		
26C0611-23 F	HDPE NM, 1000 mL		
26C0611-24 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-24 B	HDPE NM, 1000 mL		
26C0611-25 A	HDPE NM, 1000 mL		
26C0611-25 B	Miscellaneous Container	>2	FAIL*
26C0611-26 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-26 B	HDPE NM, 1000 mL		
26C0611-27 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P

Preservation Confirmed By

03/27/26
Date

* preserved by RM on 03/27/26 @ 1720
w/ 2.0 mL HNO_3 (#2311)

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: WSP Project Name: Ravensdale

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 26C0611 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) Time 1545 ___ ___ 1.4 0.9 1.8 ___	Temp Gun ID#: 8117	
Was a temperature blank included in the cooler?	YES	(NO)
Were coolers received between 0°- 6° (°C)	(YES)	NO
Was an attempt made to cool the samples?	NA (YES)	NO

Cooler Accepted by: NDT Date: 03/27/26 Time: 1545

Complete custody forms and attach all shipping documents

Log-In Phase:

What kind of packing material was used? Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block N/A Other:

Are any samples that were out of temperature compliance documented in LIMS?		(YES)	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) (YES) Date/Time: 03/27 1609 Equipment: dig.tate+pour Split by: Rm

Samples Logged by: NDT Date: 03/27/26 Time: 1643 Labels checked by: NDT

** ***Notify Project Manager of discrepancies or concerns*** **

Additional Notes, Discrepancies, & Resolutions:

By: Date:

WORK ORDER

26C0611

Client: WSP USA, Inc. **Project Manager:** Kelly Bottem

Project: Ravensdale **Project Number:** US-WSP-31406578.0889

Preservation Confirmation

Container ID	Container Type	pH	pH Paper Lot#: N0 60119
26C0611-01 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-01 B	HDPE NM, 1000 mL		
26C0611-02 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-02 B	HDPE NM, 1000 mL		
26C0611-03 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-03 B	HDPE NM, 1000 mL		
26C0611-04 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-04 B	HDPE NM, 1000 mL		
26C0611-05 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-05 B	HDPE NM, 1000 mL		
26C0611-06 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-06 B	HDPE NM, 1000 mL		
26C0611-07 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-07 B	HDPE NM, 1000 mL		
26C0611-08 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-08 B	HDPE NM, 1000 mL		
26C0611-09 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-09 B	HDPE NM, 1000 mL		
26C0611-10 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-10 B	HDPE NM, 1000 mL		
26C0611-11 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-11 B	HDPE NM, 1000 mL		
26C0611-12 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-12 B	HDPE NM, 1000 mL		
26C0611-13 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-13 B	HDPE NM, 1000 mL		
26C0611-14 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-14 B	HDPE NM, 1000 mL		
26C0611-15 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-15 B	HDPE NM, 1000 mL		
26C0611-16 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-16 B	HDPE NM, 1000 mL		

Reviewed By

Date

WORK ORDER

26C0611

Client: WSP USA, Inc. **Project Manager:** Kelly Bottem

Project: Ravensdale **Project Number:** US-WSP-31406578.0889

26C0611-17 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-17 B	HDPE NM, 1000 mL		
26C0611-18 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-18 B	HDPE NM, 1000 mL		
26C0611-19 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-19 B	HDPE NM, 1000 mL		
26C0611-20 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-20 B	HDPE NM, 1000 mL		
26C0611-21 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-21 B	HDPE NM, 1000 mL		
26C0611-22 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P
26C0611-23 A	HDPE NM, 500 mL, 1:1 HNO3	↓	↓
26C0611-23 B	HDPE NM, 500 mL, 1:1 HNO3		
26C0611-23 C	HDPE NM, 500 mL, 1:1 HNO3		
26C0611-23 D	HDPE NM, 1000 mL		
26C0611-23 E	HDPE NM, 1000 mL		
26C0611-23 F	HDPE NM, 1000 mL		
26C0611-24 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-24 B	HDPE NM, 1000 mL		
26C0611-25 A	HDPE NM, 1000 mL		
26C0611-25 B	Miscellaneous Container	>2	FAIL*
26C0611-26 A	HDPE NM, 500 mL, 1:1 HNO3	<2	P
26C0611-26 B	HDPE NM, 1000 mL		
26C0611-27 A	HDPE NM, 500 mL, 1:1 HNO3 (FF)	<2	P

Preservation Confirmed By

03/27/26
Date

* preserved by RM on 03/27/26 @ 1720
w/ 2.0 mL HNO_3 (#2311)
Pres checked pH <2 15:47 3/30/26

Reviewed By

Date

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-1A-0326

26C0611-01 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 11:40

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 20:08

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-01 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	1.13	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	1.19	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-1A-0326

26C0611-01 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 11:40

Instrument: ICP3 Analyst: MCB — Analyzed: 03/31/2026 01:34

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-01 A 02

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	14.0	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-1A-0326

26C0611-01 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 11:40

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-01

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	323	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-1A-0326

26C0611-01RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 11:40

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:32

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-01RE1 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	0.980	ug/L	J, D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-2A-0326

26C0611-02 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 12:20

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 20:12

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-02 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	2.39	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	1.33	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-2A-0326

26C0611-02 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 12:20
Instrument: ICP3 Analyst: MCB — Analyzed: 03/31/2026 01:37

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-02 A 02
Preparation Batch: BOC0652 — Sample Size: 25 mL
Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	29.2	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-2A-0326

26C0611-02 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 12:20

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-02

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	303	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-2A-0326

26C0611-02RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 12:20

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:37

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-02RE1 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	0.925	ug/L	J, D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-3A-0326

26C0611-03 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 09:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 20:18

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-03 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	3.48	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	6.66	ug/L	
Lead	7439-92-1	1	0.100	0.200	0.194	ug/L	J

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-3A-0326

26C0611-03 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 09:55

Instrument: ICP3 Analyst: MCB — Analyzed: 03/31/2026 01:40

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-03 A 02

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	61.7	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-3A-0326

26C0611-03 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 09:55

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-03

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	343	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-3A-0326

26C0611-03RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 09:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:41

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-03RE1 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	0.835	ug/L	J, D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-4A-0326

26C0611-04 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 16:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 20:23

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-04 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	0.270	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-4A-0326

26C0611-04 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 16:15

Instrument: ICP3 Analyst: MCB — Analyzed: 03/31/2026 01:43

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-04 A 02

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	1.17	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-4A-0326

26C0611-04 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 16:15

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-04

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	344	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-4A-0326

26C0611-04RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 16:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:46

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-04RE1 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	1.75	ug/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-5A-0326

26C0611-05 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 13:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 21:12

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-05 A 01

Preparation Batch: BOC0657 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	3.80	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	3.28	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	1.18	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-5A-0326

26C0611-05 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 13:55

Instrument: ICP3 Analyst: MCB — Analyzed: 03/31/2026 01:46

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-05 A 02

Preparation Batch: BOC0652 — Sample Size: 25 mL

Prepared: 03/30/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	135	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-5A-0326

26C0611-05 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 13:55

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-05

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	473	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-6A-0326

26C0611-06 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 13:05

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 21:17

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-06 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	2.63	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	1.46	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	0.533	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-6A-0326

26C0611-06 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 13:05

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:18

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-06 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	80.5	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-6A-0326

26C0611-06 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 13:05

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-06

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	362	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-7A-0326

26C0611-07 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 14:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 21:22

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-07 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	1.81	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	1.11	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	0.578	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-7A-0326

26C0611-07 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 14:30

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:21

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-07 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	32.6	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-7A-0326

26C0611-07 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/27/2026 14:30

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-07

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	288	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-9A-0326

26C0611-08 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 16:50

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 21:27

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-08 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	0.411	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	0.673	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-9A-0326

26C0611-08 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 16:50

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:24

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-08 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	2.28	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-9A-0326

26C0611-08 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 16:50

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-08

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	334	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-10A-0326

26C0611-09 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 11:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 22:19

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-09 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	0.435	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-10A-0326

26C0611-09 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 11:30

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:27

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-09 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	0.820	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-10A-0326

26C0611-09 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/27/2026 11:30

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-09

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	108	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-10A-0326

26C0611-09RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 11:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:51

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-09RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	0.720	ug/L	J, D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-45A-0326

26C0611-10 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 12:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 22:23

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-10 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	2.27	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	1.27	ug/L	
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	0.580	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-45A-0326

26C0611-10 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 12:25

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:30

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-10 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	29.2	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-45A-0326

26C0611-10 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 12:25

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-10

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	301	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1LDA-0326

26C0611-11 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:15

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-11 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	7.35	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1LDA-0326

26C0611-11 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 14:10

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:33

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-11 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	0.881	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1LDA-0326

26C0611-11 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 14:10

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-11

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	227	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1LDA-0326

26C0611-11RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 00:55

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-11RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1LDA-0326

26C0611-11RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 16:28

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-11RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-2LDA-0326

26C0611-12 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:45

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:20

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-12 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	5.88	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-2LDA-0326

26C0611-12 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 14:45

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:42

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-12 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	1.12	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-2LDA-0326

26C0611-12 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 14:45

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-12

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	192	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-2LDA-0326

26C0611-12RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:45

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 01:00

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-12RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-2LDA-0326

26C0611-12RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 14:45

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 16:33

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-12RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-3LDA-0326

26C0611-13 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:25

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-13 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	7.15	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-3LDA-0326

26C0611-13 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 15:25

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:45

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-13 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	0.850	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-3LDA-0326

26C0611-13 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 15:25

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-13

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	134	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-3LDA-0326

26C0611-13RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 01:05

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-13RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-3LDA-0326

26C0611-13RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 17:16

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-13RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	0.396	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1SDSP-0326

26C0611-14 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:29

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-14 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	15.7	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1SDSP-0326

26C0611-14 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 12:00

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:48

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-14 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	5.91	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1SDSP-0326

26C0611-14 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 12:00

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-14

Preparation Batch: BOC0694 — Sample Size: 75 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	13	13	1150	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1SDSP-0326

26C0611-14RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 01:10

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-14RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1SDSP-0326

26C0611-14RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 17:21

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-14RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1DDSP-0326

26C0611-15 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:35

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:34

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-15 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	5.09	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1DDSP-0326

26C0611-15 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 12:35

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:52

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-15 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	4.22	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1DDSP-0326

26C0611-15 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 12:35

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-15

Preparation Batch: BOC0694 — Sample Size: 75 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	13	13	809	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1DDSP-0326

26C0611-15RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:35

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 18:16

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-15RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-1DDSP-0326

26C0611-15RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 12:35

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 18:50

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-15RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-5DSP-0326

26C0611-16 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:39

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-16 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	5.00	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-5DSP-0326

26C0611-16 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 13:15

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:55

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-16 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	2.70	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-5DSP-0326

26C0611-16 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 13:15

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-16

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	465	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-5DSP-0326

26C0611-16RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 18:20

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-16RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-5DSP-0326

26C0611-16RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 18:54

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-16RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-6DSP-0326

26C0611-17 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:05

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 23:44

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-17 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	1.66	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-6DSP-0326

26C0611-17 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 11:05

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:58

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-17 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	1.18	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-6DSP-0326

26C0611-17 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 11:05

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-17

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	230	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-6DSP-0326

26C0611-17RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:05

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 18:25

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-17RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MWB-6DSP-0326

26C0611-17RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:05

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 18:59

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-17RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Mine Portal-0326

26C0611-18 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:24

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-18 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	15.4	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Mine Portal-0326

26C0611-18 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 13:30

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:01

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-18 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	15.3	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Mine Portal-0326

26C0611-18 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 13:30

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-18

Preparation Batch: BOC0694 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	294	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Mine Portal-0326

26C0611-18RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 02:08

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-18RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	0.112	ug/L	J

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Mine Portal-0326

26C0611-18RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 19:44

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-18RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	1.36	ug/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-55A-0326

26C0611-19 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:29

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-19 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	1.99	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-55A-0326

26C0611-19 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 11:10

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:04

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-19 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	1.14	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-55A-0326

26C0611-19 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 11:10

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-19

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	249	mg/L	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-55A-0326

26C0611-19RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 02:54

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-19RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-55A-0326

26C0611-19RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 11:10

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 19:49

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-19RE2 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-99-1-0326

26C0611-20 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:33

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-20 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	ND	ug/L	U
Arsenic UCT	7440-38-2	1	0.100	0.200	ND	ug/L	U
Vanadium	7440-62-2	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-99-1-0326

26C0611-20 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 12:15

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:06

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-20 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	ND	mg/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-99-1-0326

26C0611-20 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/27/2026 12:15

Instrument: BAL2 Analyst: RAL — Analyzed: 03/31/2026 12:26

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-20

Preparation Batch: BOC0694 — Sample Size: 200 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	5	5	ND	mg/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-99-1-0326

26C0611-20RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:15

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 02:59

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-20RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	ND	ug/L	U

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-21 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:38

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-21 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	11.1	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	8.15	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	1.22	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-21 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 12:55

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:09

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-21 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	334	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-21 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/27/2026 12:55

Instrument: BAL2 Analyst: CDE — Analyzed: 03/31/2026 19:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-21

Preparation Batch: BOC0699 — Sample Size: 75 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	13	13	927	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-21RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 12:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 03:04

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-21RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	4.40	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-22 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/27/2026 12:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:53

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0611-22 A 02

Preparation Batch: BOD0051 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony, Dissolved	7440-36-0	1	0.150	0.200	11.5	ug/L	
Arsenic UCT, Dissolved	7440-38-2	1	0.100	0.200	7.46	ug/L	
Vanadium, Dissolved	7440-62-2	1	0.100	0.200	0.823	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-22 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6010D — Sampled: 03/27/2026 12:55

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:09

Sample Preparation: Preparation Method: WMN (No Prep) — Extract ID: 26C0611-22 A 01

Preparation Batch: BOD0021 — Sample Size: 25 mL

Prepared: 04/01/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium, Dissolved	7440-09-7	1	0.250	0.500	327	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Infiltration Ponds-0326

26C0611-22RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/27/2026 12:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 19:14

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0611-22RE1 A 02

Preparation Batch: BOD0051 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead, Dissolved	7439-92-1	1	0.100	0.200	1.19	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Weir-0326

26C0611-23 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/24/2026 10:25

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/14/2026 22:28

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-23 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	4.58	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	3.77	ug/L	
Lead	7439-92-1	1	0.100	0.200	1.19	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	1.28	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Weir-0326

26C0611-23 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/24/2026 10:25

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:36

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-23 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	53.2	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Weir-0326

26C0611-23 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/24/2026 10:25

Instrument: BAL2 Analyst: CDE — Analyzed: 03/31/2026 19:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-23

Preparation Batch: BOC0699 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	306	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

South Pond-0326

26C0611-24 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 11:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:43

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-24 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	2.88	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	19.3	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	62.8	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

South Pond-0326

26C0611-24 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/27/2026 11:55

Instrument: BAL2 Analyst: CDE — Analyzed: 03/31/2026 19:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-24

Preparation Batch: BOC0699 — Sample Size: 75 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	13	13	1160	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

South Pond-0326

26C0611-24RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/27/2026 11:55

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 03:27

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-24RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	7.12	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

South Pond-0326

26C0611-24RE1 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/27/2026 11:55

Instrument: ICP3 Analyst: MCB — Analyzed: 04/03/2026 16:47

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-24RE1 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	10	2.50	5.00	427	mg/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Interceptor Trench-0326

26C0611-25 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 00:48

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-25 B 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	1.06	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	4.50	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Interceptor Trench-0326

26C0611-25 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 15:30

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:29

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-25 B 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	4.08	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Interceptor Trench-0326

26C0611-25 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 15:30

Instrument: BAL2 Analyst: CDE — Analyzed: 03/31/2026 19:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-25

Preparation Batch: BOC0699 — Sample Size: 100 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	10	10	377	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Interceptor Trench-0326

26C0611-25RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/16/2026 03:13

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-25RE1 B 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	0.684	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Interceptor Trench-0326

26C0611-25RE2 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 15:30

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/20/2026 19:53

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-25RE2 B 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Vanadium	7440-62-2	5	0.500	1.00	3.85	ug/L	D

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-26 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 01:25

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-26 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony	7440-36-0	1	0.150	0.200	10.9	ug/L	
Arsenic UCT	7440-38-2	1	0.100	0.200	8.09	ug/L	
Vanadium	7440-62-2	1	0.100	0.200	1.23	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-26 (Water)

Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/26/2026 13:00

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 21:33

Sample Preparation: Preparation Method: TWC EPA 3010A — Extract ID: 26C0611-26 A 02

Preparation Batch: BOC0680 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium	7440-09-7	1	0.250	0.500	331	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-26 (Water)

Wet Chemistry

Method: SM 2540 C-11 — Sampled: 03/26/2026 13:00

Instrument: BAL2 Analyst: CDE — Analyzed: 03/31/2026 19:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 26C0611-26

Preparation Batch: BOC0699 — Sample Size: 10 mL

Prepared: 03/31/2026 — Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids	N/A	1	100	100	9060	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-26RE1 (Water)

Metals and Metallic Compounds

Method: EPA 200.8 — Sampled: 03/26/2026 13:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 17:25

Sample Preparation: Preparation Method: REN - EPA 3010A M — Extract ID: 26C0611-26RE1 A 01

Preparation Batch: BOC0687 — Sample Size: 25 mL

Prepared: 03/31/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	1	0.100	0.200	4.56	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-27 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/26/2026 13:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/15/2026 01:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0611-27 A 02

Preparation Batch: BOD0051 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Antimony, Dissolved	7440-36-0	1	0.150	0.200	11.1	ug/L	
Arsenic UCT, Dissolved	7440-38-2	1	0.100	0.200	7.25	ug/L	
Vanadium, Dissolved	7440-62-2	1	0.100	0.200	0.778	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-27 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 6010D — Sampled: 03/26/2026 13:00

Instrument: ICP3 Analyst: MCB — Analyzed: 04/01/2026 20:06

Sample Preparation: Preparation Method: WMN (No Prep) — Extract ID: 26C0611-27 A 01

Preparation Batch: BOD0021 — Sample Size: 25 mL

Prepared: 04/01/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Potassium, Dissolved	7440-09-7	1	0.250	0.500	325	mg/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

MW-35A-0326

26C0611-27RE1 (Water)

Metals and Metallic Compounds (dissolved)

Method: EPA 200.8 — Sampled: 03/26/2026 13:00

Instrument: ICPMS1 Analyst: HAL — Analyzed: 04/17/2026 18:30

Sample Preparation: Preparation Method: REN EPA 600/4-79-020 4.1.4 HNO3 matrix — Extract ID: 26C0611-27RE1 A 02

Preparation Batch: BOD0051 — Sample Size: 25 mL

Prepared: 04/02/2026 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead, Dissolved	7439-92-1	1	0.100	0.200	1.01	ug/L	

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0652 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0652-BLK1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 20:29						
Potassium	ND	0.250	0.500	mg/L							U
LCS (BOC0652-BS1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 20:32						
Potassium	10.2	0.250	0.500	mg/L	10.0		102	80-120			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0657 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0657-BLK1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 19:23							
Arsenic UCT	75a UCT	ND	0.100	0.200	ug/L							U
Lead	208	ND	0.100	0.200	ug/L							U
Blank (BOC0657-BLK2)					Prepared: 30-Mar-2026 Analyzed: 31-Mar-2026 21:07							
Antimony	121	ND	0.150	0.200	ug/L							U
Blank (BOC0657-BLK3)					Prepared: 30-Mar-2026 Analyzed: 16-Apr-2026 15:58							
Vanadium	51a	ND	0.100	0.200	ug/L							U
LCS (BOC0657-BS1)					Prepared: 30-Mar-2026 Analyzed: 30-Mar-2026 19:27							
Arsenic UCT	75a UCT	22.0	0.100	0.200	ug/L	25.0		87.9	85-115			
Lead	208	23.2	0.100	0.200	ug/L	25.0		92.6	85-115			
LCS (BOC0657-BS2)					Prepared: 30-Mar-2026 Analyzed: 31-Mar-2026 21:12							
Antimony	121	25.7	0.150	0.200	ug/L	25.0		103	85-115			
LCS (BOC0657-BS3)					Prepared: 30-Mar-2026 Analyzed: 16-Apr-2026 16:00							
Vanadium	51a	22.5	0.100	0.200	ug/L	25.0		89.8	85-115			

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0680 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0680-BLK1)					Prepared: 31-Mar-2026 Analyzed: 01-Apr-2026 18:22						
Potassium	ND	0.250	0.500	mg/L							U
LCS (BOC0680-BS1)					Prepared: 31-Mar-2026 Analyzed: 01-Apr-2026 18:27						
Potassium	10.2	0.250	0.500	mg/L	10.0		102	80-120			
Duplicate (BOC0680-DUP1)		**Source: 26C0611-23**			Prepared: 31-Mar-2026 Analyzed: 01-Apr-2026 21:38						
Potassium	51.0	0.250	0.500	mg/L		53.2			4.05	20	
Matrix Spike (BOC0680-MS1)		**Source: 26C0611-23**			Prepared: 31-Mar-2026 Analyzed: 01-Apr-2026 21:41						
Potassium	61.3	0.250	0.500	mg/L	10.0	53.2	81.1	75-125			
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											
Matrix Spike Dup (BOC0680-MSD1)		**Source: 26C0611-23**			Prepared: 31-Mar-2026 Analyzed: 01-Apr-2026 21:44						
Potassium	63.7	0.250	0.500	mg/L	10.0	53.2	105	75-125	3.84	20	
Recovery limits for target analytes in MS/MSD QC samples are advisory only.											

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds - Quality Control

Batch BOC0687 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0687-BLK1)					Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 23:05							
Antimony	121	ND	0.150	0.200	ug/L							U
Arsenic UCT	75a UCT	ND	0.100	0.200	ug/L							U
Vanadium	51a	ND	0.100	0.200	ug/L							U
Blank (BOC0687-BLK2)					Prepared: 31-Mar-2026 Analyzed: 17-Apr-2026 15:54							
Lead	208	ND	0.100	0.200	ug/L							U
LCS (BOC0687-BS1)					Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 23:10							
Antimony	121	26.6	0.150	0.200	ug/L	25.0		107	85-115			
Arsenic UCT	75a UCT	26.9	0.100	0.200	ug/L	25.0		108	85-115			
Vanadium	51a	24.8	0.100	0.200	ug/L	25.0		99.3	85-115			
LCS (BOC0687-BS2)					Prepared: 31-Mar-2026 Analyzed: 17-Apr-2026 15:59							
Lead	208	28.2	0.100	0.200	ug/L	25.0		113	85-115			
Duplicate (BOC0687-DUP1)			**Source: 26C0611-23**		Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 22:33							
Antimony	121	4.68	0.150	0.200	ug/L		4.58			2.18	20	
Arsenic UCT	75a UCT	3.78	0.100	0.200	ug/L		3.77			0.32	20	
Lead	208	1.20	0.100	0.200	ug/L		1.19			0.92	20	
Vanadium	51a	1.34	0.100	0.200	ug/L		1.28			4.58	20	
Matrix Spike (BOC0687-MS1)			**Source: 26C0611-23**		Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 22:38							
Antimony	121	30.6	0.150	0.200	ug/L	25.0	4.58	104	75-125			
Arsenic UCT	75a UCT	30.8	0.100	0.200	ug/L	25.0	3.77	108	75-125			
Lead	208	24.0	0.100	0.200	ug/L	25.0	1.19	91.1	75-125			
Vanadium	51a	23.0	0.100	0.200	ug/L	25.0	1.28	86.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Matrix Spike Dup (BOC0687-MSD1)			**Source: 26C0611-23**		Prepared: 31-Mar-2026 Analyzed: 14-Apr-2026 22:42							
Antimony	121	30.6	0.150	0.200	ug/L	25.0	4.58	104	75-125	0.21	20	
Arsenic UCT	75a UCT	30.9	0.100	0.200	ug/L	25.0	3.77	108	75-125	0.33	20	
Lead	208	23.8	0.100	0.200	ug/L	25.0	1.19	90.3	75-125	0.83	20	
Vanadium	51a	23.1	0.100	0.200	ug/L	25.0	1.28	87.2	75-125	0.26	20	

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BOD0021 - EPA 6010D in Water

Instrument: ICP3 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0021-BLK1)					Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 17:46						
Potassium, Dissolved	ND	0.250	0.500	mg/L							U
LCS (BOD0021-BS1)					Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 17:49						
Potassium, Dissolved	10.2	0.253	0.505	mg/L	10.0		102	80-120			
Duplicate (BOD0021-DUP1)		**Source: 26C0611-22**			Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 20:12						
Potassium, Dissolved	326	0.250	0.500	mg/L		327			0.33	20	
Matrix Spike (BOD0021-MS1)		**Source: 26C0611-22**			Prepared: 01-Apr-2026 Analyzed: 01-Apr-2026 20:15						
Potassium, Dissolved	339	0.253	0.505	mg/L	10.0	327	114	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Metals and Metallic Compounds (dissolved) - Quality Control

Batch BOD0051 - EPA 200.8 in Water

Instrument: ICPMS1 Analyst: HAL

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOD0051-BLK1)					Prepared: 02-Apr-2026 Analyzed: 14-Apr-2026 21:03							
Antimony, Dissolved	121	ND	0.150	0.200	ug/L							U
Arsenic UCT, Dissolved	75a UCT	ND	0.100	0.200	ug/L							U
Lead, Dissolved	208	ND	0.100	0.200	ug/L							U
Vanadium, Dissolved	51a	ND	0.100	0.200	ug/L							U
LCS (BOD0051-BS1)					Prepared: 02-Apr-2026 Analyzed: 14-Apr-2026 21:08							
Antimony, Dissolved	121	26.0	0.150	0.200	ug/L	25.0		104	85-115			
Arsenic UCT, Dissolved	75a UCT	26.1	0.100	0.200	ug/L	25.0		104	85-115			
Lead, Dissolved	208	23.9	0.100	0.200	ug/L	25.0		95.7	85-115			
Vanadium, Dissolved	51a	24.7	0.100	0.200	ug/L	25.0		98.6	85-115			
Duplicate (BOD0051-DUP1)			**Source: 26C0611-22**		Prepared: 02-Apr-2026 Analyzed: 15-Apr-2026 00:57							
Antimony, Dissolved	121	11.1	0.150	0.200	ug/L		11.5			3.99	20	
Arsenic UCT, Dissolved	75a UCT	7.01	0.100	0.200	ug/L		7.46			6.14	20	
Vanadium, Dissolved	51a	0.777	0.100	0.200	ug/L		0.823			5.75	20	
Matrix Spike (BOD0051-MS1)			**Source: 26C0611-22**		Prepared: 02-Apr-2026 Analyzed: 15-Apr-2026 01:02							
Antimony, Dissolved	121	38.0	0.150	0.200	ug/L	25.0	11.5	106	75-125			
Arsenic UCT, Dissolved	75a UCT	33.8	0.100	0.200	ug/L	25.0	7.46	105	75-125			
Vanadium, Dissolved	51a	23.8	0.100	0.200	ug/L	25.0	0.823	91.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BOC0694 - SM 2540 C-11 in Water

Instrument: BAL2 Analyst: RAL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0694-BLK1)				Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 12:26							
Dissolved Solids	7	5	5	mg/L							
LCS (BOC0694-BS1)				Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 12:26							
Dissolved Solids	496	10	10	mg/L	502		98.7	90-110			B
Duplicate (BOC0694-DUP1)	**Source: 26C0611-01**			Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 12:26							
Dissolved Solids	315	10	10	mg/L		323			2.51	20	B

WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BOC0699 - SM 2540 C-11 in Water

Instrument: BAL2 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BOC0699-BLK1)				Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 19:12							
Dissolved Solids	ND	5	5	mg/L							U
LCS (BOC0699-BS1)				Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 19:12							
Dissolved Solids	490	10	10	mg/L	502		97.5	90-110			
Duplicate (BOC0699-DUP2)	**Source: 26C0611-23**			Prepared: 31-Mar-2026 Analyzed: 31-Mar-2026 19:12							
Dissolved Solids	301	10	10	mg/L		306			1.65	20	

WSP USA, Inc.	Project: Ravensdale	
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VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

Uncertified Analytes included in this Report

Analysis Matrix & Analyte
None

Certified Analyses included in this Report

Analysis Matrix & Analyte	Certification Codes
EPA 200.8 in Water	
Antimony-121	DoD-ELAP,NELAP,WADOE,WA-DW
Arsenic-75a UCT	DoD-ELAP,NELAP,WADOE,WA-DW
Lead-208	DoD-ELAP,NELAP,WADOE,WA-DW
Vanadium-51a	DoD-ELAP,NELAP,WADOE,WA-DW
Antimony-121	DoD-ELAP,NELAP,WADOE
Arsenic-75a UCT	DoD-ELAP,NELAP,WADOE
Lead-208	DoD-ELAP,NELAP,WADOE
Vanadium-51a	DoD-ELAP,NELAP,WADOE
EPA 6010D in Water	
Potassium	DoD-ELAP,NELAP,WADOE
Potassium	DoD-ELAP,NELAP,WADOE
SM 2540 C-11 in Water	
Dissolved Solids	DoD-ELAP,WADOE,NELAP,WA-DW

Certifications

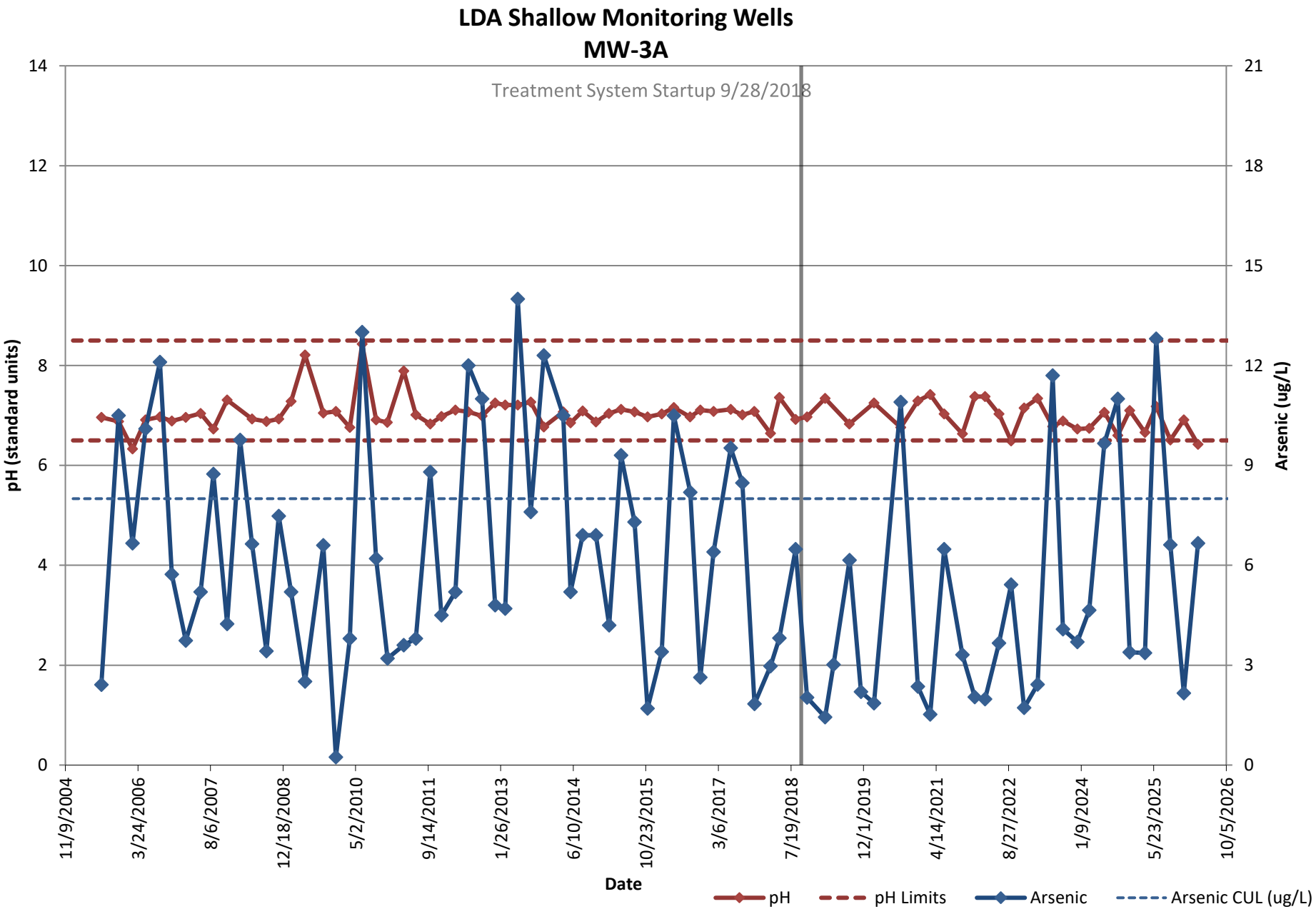
Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/28/2027
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	01/31/2027
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-018	05/12/2026
WADOE	WA Dept of Ecology	C558	06/30/2026
WA-DW	Ecology - Drinking Water	C558	06/30/2026

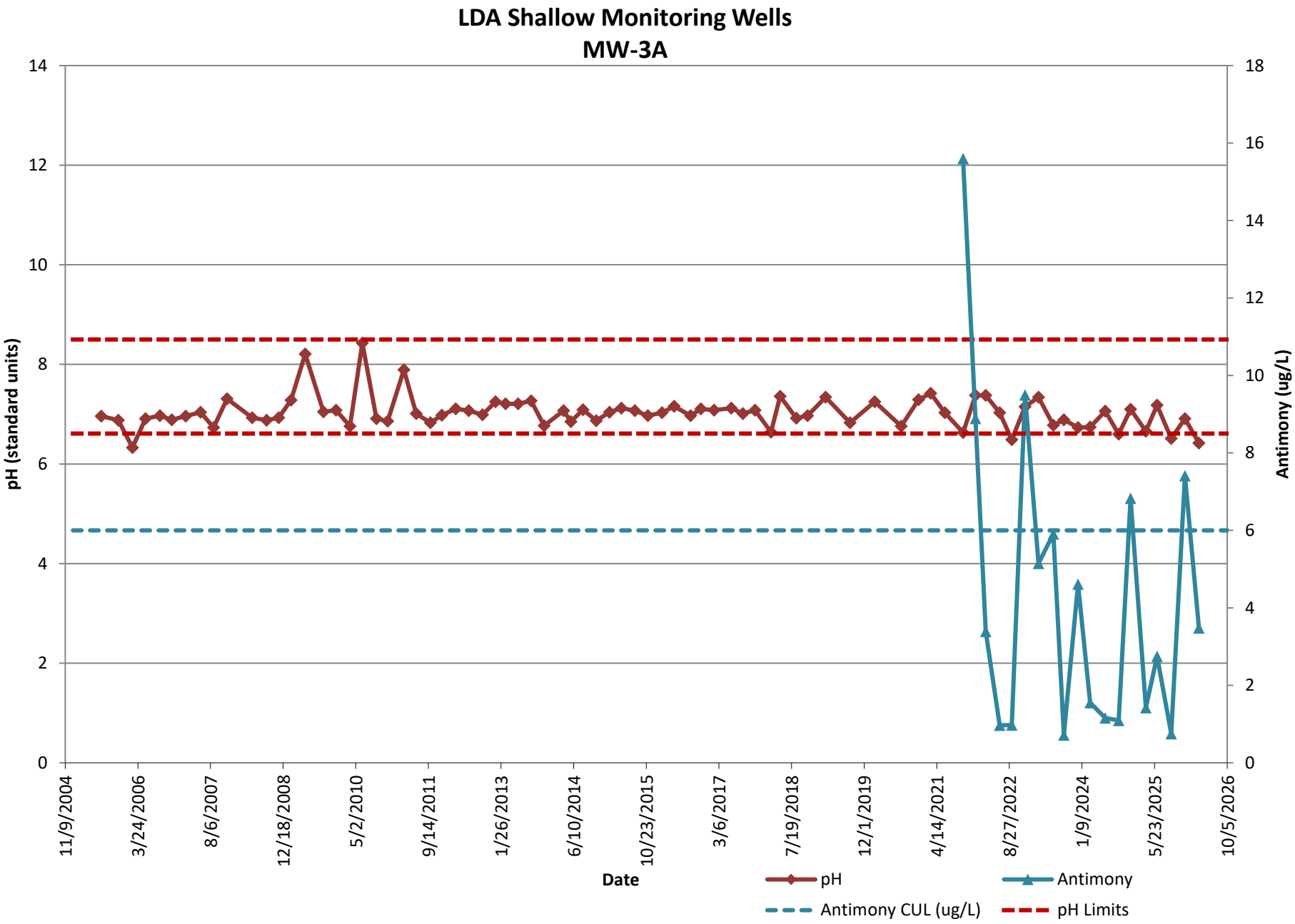
WSP USA, Inc.	Project: Ravensdale	
840 HOWE STREET, #1000	Project Number: US-WSP-31406578.0889	**Reported:**
VANCOUVER BRITISH COLUMBIA, V6Z 2M1	Project Manager: Accounts Payable	22-Apr-2026 09:16

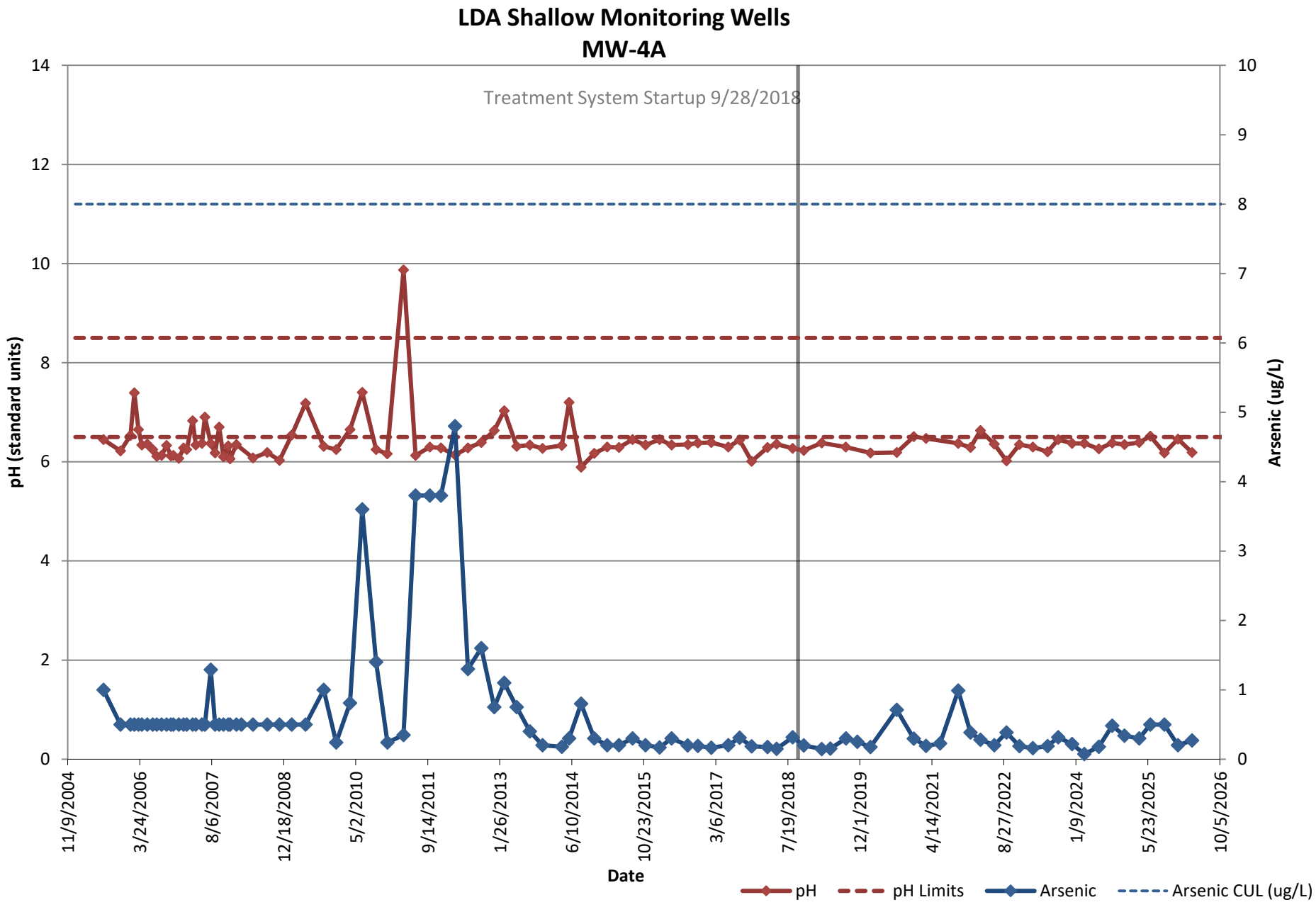
Notes and Definitions

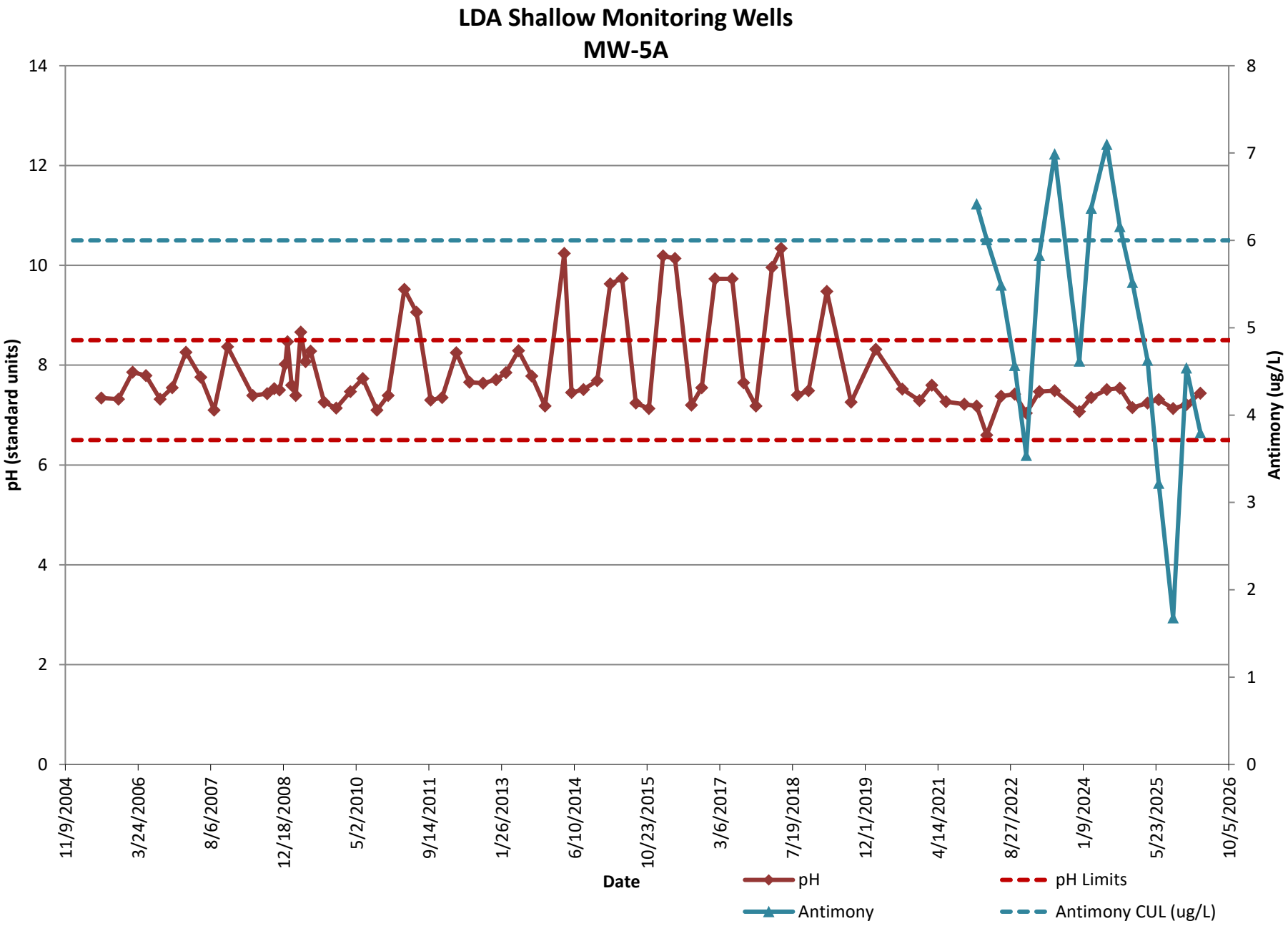
*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution.
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.
!	Indicates that ARL is NOT ACCREDITED for this parameter in samples logged as 'Drinking Water'
#	Indicates that ARL is NOT ACCREDITED for this parameter in this analysis and matrix.

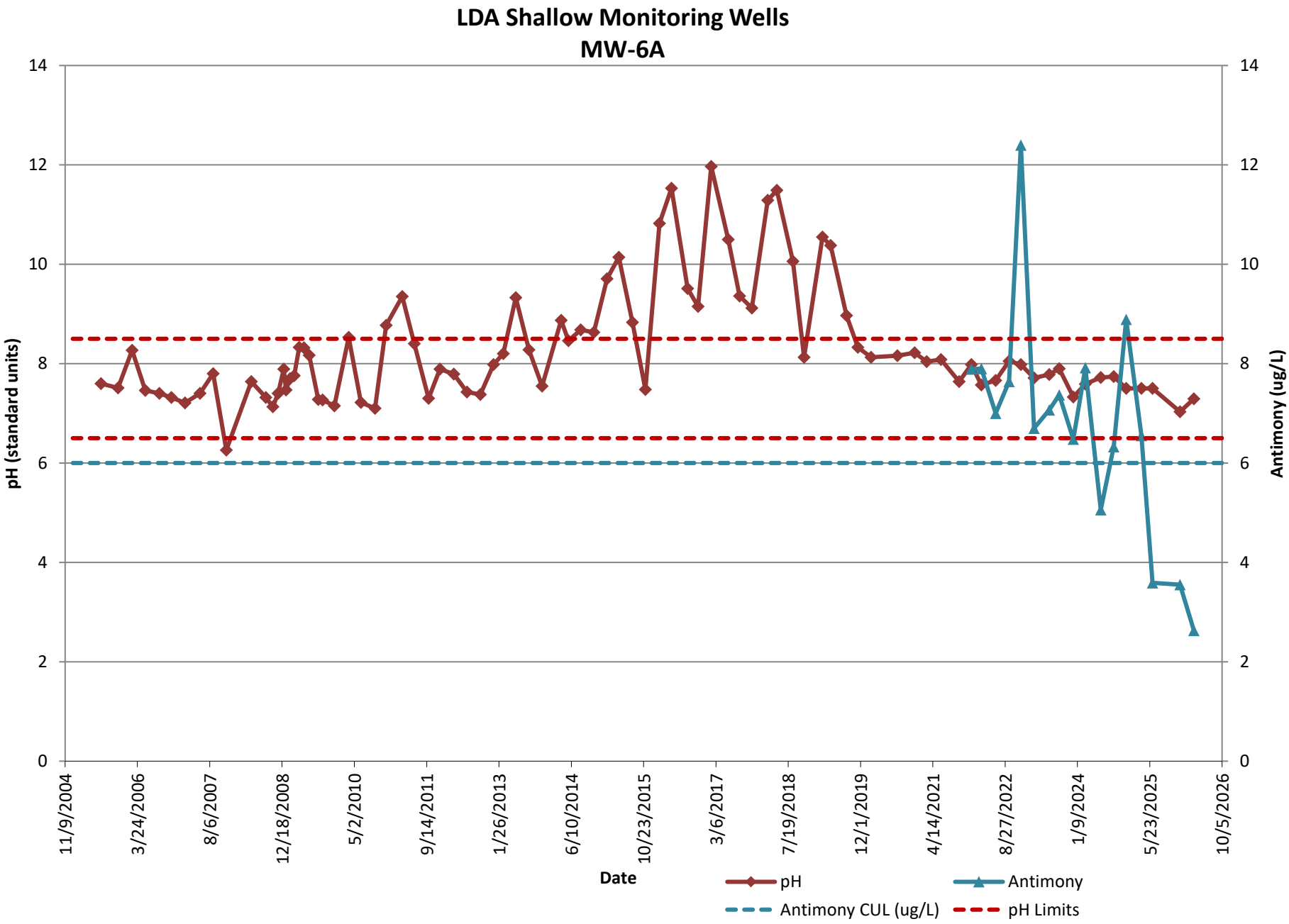
Appendix C Trend Charts

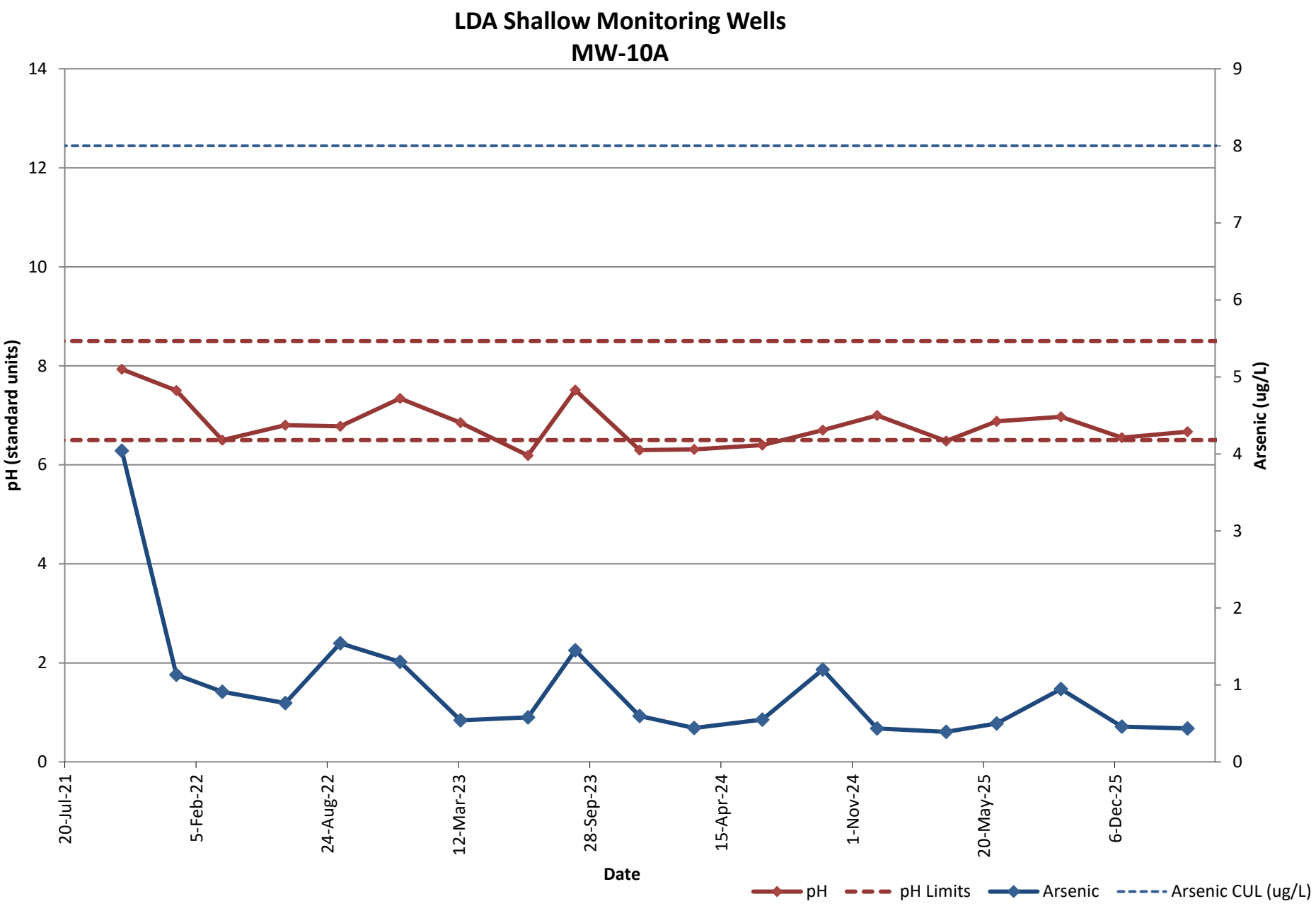

LDA Shallow Monitoring Wells
MW-3A
Treatment System Startup 9/28/2018
pH (standard units)
Arsenic (ug/L)
Date
14
12
10
8
6
4
2
0
21
18
15
12
9
6
3
0
11/9/2004
3/24/2006
8/6/2007
12/18/2008
5/2/2010
9/14/2011
1/26/2013
6/10/2014
10/23/2015
3/6/2017
7/19/2018
12/1/2019
4/14/2021
8/27/2022
1/9/2024
5/23/2025
10/5/2026
pH
pH Limits
Arsenic
Arsenic CUL (ug/L)


LDA Shallow Monitoring Wells
MW-3A
pH (standard units)
Antimony (ug/L)
14
12
10
8
6
4
2
0
18
16
14
12
10
8
6
4
2
0
11/9/2004
3/24/2006
8/6/2007
12/18/2008
5/2/2010
9/14/2011
1/26/2013
6/10/2014
10/23/2015
3/6/2017
7/19/2018
12/1/2019
4/14/2021
8/27/2022
1/9/2024
5/23/2025
10/5/2026
Date
pH
Antimony
Antimony CUL (ug/L)
pH Limits


LDA Shallow Monitoring Wells
MW-4A
Treatment System Startup 9/28/2018
pH (standard units)
Arsenic (ug/L)
Date
11/9/2004
3/24/2006
8/6/2007
12/18/2008
5/2/2010
9/14/2011
1/26/2013
6/10/2014
10/23/2015
3/6/2017
7/19/2018
12/1/2019
4/14/2021
8/27/2022
1/9/2024
5/23/2025
10/5/2026
pH
pH Limits
Arsenic
Arsenic CUL (ug/L)


LDA Shallow Monitoring Wells
MW-5A
pH (standard units)
Antimony (ug/L)
14
12
10
8
6
4
2
0
8
7
6
5
4
3
2
1
0
11/9/2004
3/24/2006
8/6/2007
12/18/2008
5/2/2010
9/14/2011
1/26/2013
6/10/2014
10/23/2015
3/6/2017
7/19/2018
12/1/2019
4/14/2021
8/27/2022
1/9/2024
5/23/2025
10/5/2026
Date
pH
pH Limits
Antimony
Antimony CUL (ug/L)


LDA Shallow Monitoring Wells
MW-6A
pH (standard units)
Antimony (ug/L)
0
2
4
6
8
10
12
14
11/9/2004
3/24/2006
8/6/2007
12/18/2008
5/2/2010
9/14/2011
1/26/2013
6/10/2014
10/23/2015
3/6/2017
7/19/2018
12/1/2019
4/14/2021
8/27/2022
1/9/2024
5/23/2025
10/5/2026
Date
pH
Antimony
Antimony CUL (ug/L)
pH Limits


LDA Shallow Monitoring Wells
MW-10A
pH (standard units)
Arsenic (ug/L)
14
12
10
8
6
4
2
0
9
8
7
6
5
4
3
2
1
0
20-Jul-21
5-Feb-22
24-Aug-22
12-Mar-23
28-Sep-23
15-Apr-24
1-Nov-24
20-May-25
6-Dec-25
Date
pH
pH Limits
Arsenic
Arsenic CUL (ug/L)

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