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2024 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

BYPRODUCT STORAGE AREA B

ST. JOHNS RIVER POWER PARK

Prepared for

JEA/St. Johns River Power Park
11201 New Berlin Road
Jacksonville, FL 32226

Prepared by

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Project GLW8091

January 29, 2025

2024 Annual Groundwater Monitoring and Corrective Action Report

Byproduct Storage Area B
St. Johns River Power Park

This 2024 Annual Groundwater Monitoring and Corrective Action Report for Byproduct Storage Area B at the former St. Johns River Power Park has been prepared to meet the requirement of 40 Code of Federal Regulations §257.90(e).

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EXECUTIVE SUMMARY

In general accordance with the Coal Combustion Residual (CCR) Rule[1], this 2024 Annual Groundwater Monitoring and Corrective Action Report documents CCR unit groundwater monitoring and corrective action activities completed at the St. Johns River Power Park (SJRPP) Byproduct Storage Area B (BSA-B) as required by §257.90(e).

In general accordance with §257.94(b), JEA initiated background monitoring in November 2015 to collect of a minimum of eight independent samples before October 2017. Detection monitoring for Appendix III constituents was initiated in October 2017. A statistical evaluation following the October 2017 event (including verification sampling in December 2017), identified statistically significant increases (SSIs) of Appendix III constituents (boron, calcium, chloride, fluoride, sulfate, and total dissolved solids) in groundwater samples from downgradient monitoring wells.

Pursuant to §257.95(e)(1), following the SSI determination, in March 2018 an assessment monitoring program was established. Annual assessment monitoring events for all Appendix IV parameters are conducted in March of each year. Subsequent semi-annual events are conducted in June and December for all Appendix III parameters and Appendix IV parameters detected during the annual event.

A statistical evaluation of the June 2018 assessment monitoring event identified radium 226+228 was at a statistically significant level (SSL) above the groundwater protection standards (GWPS) at monitoring well CCR-6. The assessment of corrective measures was initiated on January 13, 2019, and finalized on June 12, 2019.

A subsequent statistical evaluation in May 2020 indicated that radium 226+228 was at a SSL above the GWPS for the site at monitoring well CCR-7. An additional SSL for molybdenum at CCR-6 was identified in a statistical analysis completed in September 2020. An addendum to the assessment of corrective measures was completed on December 1, 2020, to address radium 226+227 at CCR-7 and molybdenum at CCR-6.

Pursuant to §257.95(e), JEA held a public meeting to discuss the results of the assessment of corrective measures and the assessment of corrective measures addendum. A notification of the intent to close BSA-B was issued on December 11, 2020.

In January 2022, a combination of source control (closure of BSA-B) and monitored natural attenuation was selected as the remedy to address the groundwater impacts at BSA-B. JEA has implemented the selected remedy. The closure construction of BSA-B was completed in January 2022. The corrective action groundwater monitoring program was established in March 2022. This report constitutes an Annual Groundwater Monitoring and Corrective Action report consistent with selected remedy.

[1] 40 Code of Federal Regulations Part 257 (40 CFR 257), Subpart D – Standard for Disposal of Coal Combustion Residuals and Surface Impoundments, as amended.

Geosyntec consultants

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1. INTRODUCTION

On behalf of JEA, Geosyntec Consultants, Inc. (Geosyntec) prepared this *2024 Annual Groundwater Monitoring and Corrective Action Report* (Annual Report) for Byproduct Storage Area B (BSA-B) at the former St. Johns River Power Park (SJRPP). This Annual Report has been prepared to meet the requirements of the United States Environmental Protection Agency (USEPA) Coal Combustion Residual (CCR) Rule[2] §257.90(e).

1.1 Background

The SJRPP facility is located at 11201 New Berlin Road in Jacksonville, Florida (**Figure 1**). SJRPP formerly consisted of two coal-fired steam electric generation units and associated facilities. Decommissioning of the facility began in 2018 and was completed in 2022. The CCRs generated at SJRPP include fly ash, bottom ash, and synthetic gypsum, a flue gas desulfurization byproduct. BSA-B is a closed landfill cell that received residual CCRs that were not sold for off-site beneficial use. BSA-B is located in the northeast portion of SJRPP and encompasses a disposal area of approximately 25-acres.

1.2 Site Hydrogeology

The principal hydrogeologic units underlying BSA-B are the unconfined surficial aquifer system and the Florida aquifer system (JEA 2007 and Geosyntec 2013). The surficial aquifer system, the uppermost water-bearing unit at BSA-B has been subdivided into three zones: upper, intermediate, and deep. The Hawthorn group consisting of low-permeability soils (i.e. silty clays, clayey silts and sandy clays) underlies the surficial aquifer system with depths starting at 98 to 106 feet below ground surface (ft bgs) at BSA-B (JEA 2007). The upper zone of the surficial aquifer is the most transmissive zone of the surficial aquifer with a prevailing direction of flow from the northwest to the east with some components of southeastern flow (JEA 2007). The average hydraulic conductivity of the upper zone is approximately 5 feet per day based on monitoring well slug tests and the groundwater flow velocity is approximately 17 feet per year (WSP Golder 2022a).

1.3 CCR Groundwater Monitoring Well Network

The CCR groundwater monitoring well network consists of three background wells designated CCR-1, CCR-2, and CCR-3 and four downgradient monitoring wells designated CCR-4, CCR-5, CCR-6 and CCR-7. The background wells were installed upgradient of BSA-B to establish background groundwater quality. The downgradient monitoring wells were installed as close as practical to the waste boundary to accurately represent the quality of groundwater passing the waste boundary. The background and downgradient wells are all installed with screen intervals in the upper zone of the surficial aquifer (total depths of approximately 20 ft bgs). The monitoring well locations are shown on **Figure 2** and well construction details are summarized in **Table 1**.

The corrective action monitoring well network includes wells AW-6, AW-7, AW-9 and AW-10 in addition to the CCR-series wells noted above. During the nature and extent characterization activities additional monitoring points (piezometers) were installed at various points downgradient

[2] 40 Code of Federal Regulations Part 257 (40 CFR 257), Subpart D – Standard for Disposal of Coal Combustion Residuals and Surface Impoundments, as amended.

of BSA-B. The piezometers were constructed using standard monitoring well construction details and are screened within the same upper surficial aquifer interval as the CCR-series wells. The corrective action well and piezometer locations are shown on **Figure 2** and construction details are summarized in **Table 1**.

Table 1: Monitoring Well and Piezometer Construction Detail

Well ID	Date Installed	Northing (ft NAD83)	Easting (ft NAD83)	TOC Elevation (ft NAVD88)	Well Depth (ft bgs)	Screen Interval (ft bgs)
CCR-1	10/20/2015	2221016.34	485450.08	16.58	19.79	9.79-19.79
CCR-2	10/20/2015	2222219.71	485292.98	18.06	19.49	9.49-19.49
CCR-3	10/20/2015	2222897.83	485087.81	17.74	19.78	9.78-19.78
CCR-4	10/21/2015	2221065.31	486365.39	20.73	20.84	10.84-20.84
CCR-5	10/21/2015	2221064.27	486865.44	18.29	20.35	10.35-20.35
CCR-6	10/21/2015[1]	2221456.13	487055.97	16.03	20.1	10.1-20.1
CCR-7	10/22/2015	2221887.42	487053.83	15.72	20.12	10.12-20.12
AW-1[2]	11/29/2018	2221266.24	487136.19	17.16	20.2	10.24-20.24
AW-2[2]	11/29/2018	2221416.04	487138.12	16.14	20.2	10.16-20.16
AW-3[2]	11/30/2018	2221699.22	487139.98	14.46	20.3	10.34-20.34
AW-4[2]	2/8/2019	2221703.97	487052.84	13.49	20.0	10.01-20.01
AW-5[2]	2/7/2019	2221677.18	487248.41	13.46	20.1	10.14-20.14
AW-6	2/7/2019	2221371.74	487620.88	13.76	20.0	10.04-20.04
AW-7	2/7/2019	2221217.37	488105.81	13.17	20.0	10.03-20.03
AW-8	10/21/2019	2221898.38	487253.86	13.16	20.1	10.08-20.08
AW-9	5/21/2020	2221969.03	487506.26	12.16	20.3	10.27-20.27
AW-10	4/1/2022	2221225.67	488297.57	10.20	20.4	10.37-20.37

Notes:
1. Well CCR-6 was repaired 7/29/2020 and resurveyed on 8/6/2020.
2. Piezometers were installed as part of the nature and extent characterization required by §257.95(g)(1).

TOC – Top of Casing
ft bgs – feet below ground surface
NAD83 – Horizontal Control: North American Datum, State Plane Coordinate System Florida, East Zone
NAV88 – Vertical Control: North American Vertical Datum of 1988

2. CCR GROUNDWATER MONINTORING ACTIVITIES

2.1 Groundwater Monitoring Status

A statistically significant increase (SSI) analysis of the October 2017 detection monitoring event indicated several SSIs for Appendix III constituents for downgradient wells above background levels (Golder 2018a). In general accordance with §257.94(e)(1), an assessment monitoring program was established for BSA-B in March 2018. A statistical evaluation of the June 2018 assessment monitoring event indicated that radium 226+228 was a statistically significant level (SSL) above the relative groundwater protection standard (GWPS) at CCR-6 (Golder 2018c). Assessment of corrective measures was initiated in January 2019 (Golder 2019a) and completed in June 2019 (Golder 2019c). Subsequent statistical evaluations following the December 2019 assessment monitoring event indicated that radium 226+228 was at a SSL above the GWPS at CCR-7 (Golder 2020b), and following the June 2020 assessment monitoring event indicated that molybdenum was at a SSL above the GWPS at CCR-6 (Golder 2020c). An addendum to the assessment of corrective measures was completed in December 2020 (Golder 2020d). A public meeting to discuss the results of the assessment of corrective measures was held on December 17, 2020. A combination of source control (closure of BSA-B) and monitored natural attenuation was selected as the remedy to address the molybdenum and radium 226+228 impacts at BSA-B (WSP Golder 2022a). In general accordance with §257.98(a)(1), the Corrective Action Groundwater Monitoring Program was established in March 2022 (WSP Golder 2022d).

During this reporting period, BSA-B has operated under assessment and corrective action monitoring programs. In general accordance with §257.90(e), the following sections describe the groundwater monitoring activities performed during in 2024.

2.2 Monitoring Well Installation and Decommissioning

No monitoring well installation or decommissioning activities occurred in 2024.

2.3 Groundwater Sampling Activities

The CCR Rule-related groundwater sampling activities for BSA-B that occurred in 2024 are described in the following subsections and summarized in **Table 2**.

Table 2: 2024 Groundwater Sampling Summary

Well ID	2024 Annual Assessment Monitoring Event	2024 Semi-Annual Assessment and Corrective Action Event 1	2024 Semi-Annual Assessment and Corrective Action Event 2
CCR-1	3/20/2024	6/26/2024	12/16/2024
CCR-2	3/20/2024	6/26/2024	12/16/2024
CCR-3	3/20/2024	6/25/2024	12/16/2024
CCR-4	3/20/2024	6/25/2024	12/16/2024
CCR-5	3/20/2024	6/25/2024	12/16/2024
CCR-6	3/20/2024	6/25/2024	12/17/2024
CCR-7	3/20/2024	6/25/2024	12/17/2024
AW-5	3/19/2024[1]	NS	NS
AW-6	3/19/2024	6/26/2024	12/17/2024
AW-7	3/19/2024	6/26/2024	12/17/2024
AW-8	3/19/2024[1]	NS	NS
AW-9	3/19/2024	6/26/2024	12/17/2024
AW-10	NS	6/26/2024	12/17/2024

Notes:
1. Well AW-5 and AW-8 were inadvertently sampled in March 2024.
NS = not sampled

2.3.1 Assessment Monitoring

The seventh annual assessment monitoring event was performed on March 19-20, 2024. During the annual assessment monitoring event, groundwater samples were collected from the CCR groundwater monitoring well network (CCR-1 through CCR-7) and analyzed for Appendix IV constituents pursuant to §257.95(a).

Subsequent semi-annual assessment monitoring events were conducted on June 25-26, 2024 and December 16-17, 2024. During the semi-annual assessment monitoring events, samples were collected from the CCR groundwater monitoring well network (CCR-1 through CCR-7) and analyzed for Appendix III constituents and Appendix IV constituents that were detected during the preceding annual monitoring event (all Appendix IV parameters other than antimony and thallium).

Assessment monitoring laboratory analytical data is summarized in the tables provided in **Appendix A** and the laboratory analytical results are provided in **Appendix B**.

2.3.2 Corrective Action Monitoring

In general accordance with the Corrective Action Groundwater Monitoring Program (WSP Golder 2022d), groundwater samples are collected from the corrective action monitoring well network (CCR-1 through CCR-7, AW-6, AW-7, AW-9 and AW-10) during the semi-annual assessment monitoring events. Samples were analyzed for Appendix III constituents and Appendix IV constituents that were detected during the annual assessment monitoring event.

Additional limited characterization sampling was performed during the annual assessment monitoring event in March 2024. Samples were collected from AW-5, AW-6, AW-7, AW-8 and AW-9 and analyzed for molybdenum and radium 226+228.

Corrective action monitoring laboratory analytical data is summarized in the tables provided in **Appendix A** and the laboratory analytical results are provided in **Appendix B**.

2.4 Groundwater Sampling Methodology

CCR groundwater sampling at BSA-B is performed in general accordance with the methodology and procedures details in the Groundwater Sampling Methodology and Analytical Procedures Technical Memorandum (Golder 2015).

Monitoring wells are purged and sampled using low-flow sampling methodologies. Prior to purging, the depth to groundwater is measured for each well using an electric water level indicator. The monitoring wells are purged and sampled using dedicated low-flow pneumatic bladder pumps (CCR-series wells) or via peristaltic pump (AW-series wells). Calibrated water quality meters are used to monitor field stabilization parameters, including pH, specific conductance, temperature, dissolved oxygen, oxygen reduction potential and turbidity. After the water quality parameters stabilized, groundwater samples are collected and placed into iced coolers under chain-of-custody control pending delivery to the laboratory. Following sample collection, the samples are delivered to the JEA Springfield laboratory for analysis. The JEA laboratory sent select samples to Pace Analytical Services, LLC for analysis.

3. CCR GROUNDWATER DATA EVALAUTION

3.1 Groundwater Flow Rate and Direction

Prior to each sampling event, the depth to groundwater is recorded for the CCR groundwater monitoring network. A summary of the groundwater elevations recorded from the 2024 sampling events is provided in **Table 3**. Potentiometric surface maps were developed from the groundwater elevation data recorded in March, June and December 2024 are provided on **Figures 2**, **3**, and **4**, respectively. The hydraulic gradient (direction and magnitude) calculated using the least-squares method of fitting data to a plane is summarized in **Table 3**. The average hydraulic gradient is 0.0020 feet per foot with an eastward direction of flow.

Table 3: 2024 Groundwater Elevation Measurement Summary

Well ID	March 28, 2023		June 25, 2024		December 16, 2024	
	Depth to Water (ft TOC)	Groundwater Elevation (ft NAVD88)	Depth to Water (ft TOC)	Groundwater Elevation (ft NAVD88)	Depth to Water (ft TOC)	Groundwater Elevation (ft NAVD88)
CCR-1	4.71	11.87	7.14	9.44	5.80	10.78
CCR-2	5.64	12.42	7.98	10.08	6.62	11.44
CCR-3	5.13	12.61	7.52	10.22	6.24	11.50
CCR-4	9.61	11.12	12.51	8.22	11.19	9.54
CCR-5	8.70	9.59	11.59	6.70	10.39	7.90
CCR-6	7.31	8.72	9.62	6.41	8.55	7.48
CCR-7	6.84	8.88	9.28	6.44	8.09	7.63
AW-1	NM	NM	NM	NM	9.93	7.23
AW-5	5.30	8.16	NM	NM	NM	NM
AW-6	6.71	7.05	7.93	5.83	6.74	7.02
AW-7	5.47	7.70	7.90	5.27	6.66	6.51
AW-8	4.92	8.24	NM	NM	6.08	7.08
AW-9	4.69	7.47	7.23	4.93	5.63	6.53
AW-10	NM	NM	6.43	3.77	5.26	4.94
Hydraulic Gradient[1]	**2.10×10^{-3}**		**1.96×10^{-3}**		**1.99×10^{-3}**	
Flow Direction[2]	**79.2**		**84.8**		**86.4**	
Coefficient of Determination	**0.95**		**0.97**		**0.97**	

Notes:
1. Hydraulic gradient (feet per foot) from least-squares method of fitting data to a plane.
2. Flow direction reported in degrees from North.

TOC – Top of Casing
NAV88 – Vertical Control: North American Vertical Datum of 1988
NM – not measured

3.2 Groundwater Protection Standards

Pursuant to §257.95(d)(2) and §257.95(h), groundwater protection standards have been established for any Appendix IV parameters that are detected in downgradient monitoring wells. During the March 2024 sampling events all Appendix IV parameters other than antimony and thallium were detected. The established GWPS are provided in **Table 4**.

Table 4: 2024 Groundwater Sampling Summary

Appendix IV Parameter	BSA-B GWPS	Basis
Arsenic	10 µg/L	MCL
Barium	2000 µg/L	MCL
Beryllium	4 µg/L	MCL
Cadmium	5 µg/L	MCL
Chromium	100 µg/L	MCL
Cobalt	6 µg/L	CCR Rule GWPS
Fluoride	4 mg/L	MCL
Lead	15 µg/L	CCR Rule GWPS
Lithium	40 µg/L	CCR Rule GWPS
Mercury	2 µg/L	MCL
Molybdenum	100 µg/L	CCR Rule GWPS
Radium 226+228	5 pCi/L	MCL
Selenium	50 µg/L	MCL

Notes:
MCL = Maximum contaminant level established under §141.62 and §141.66
CCR Rule GWPS per §257.95(h)(2)
GWPS = groundwater protection standards
µg/L = microgram per liter
pCi/L = picocuries per liter

3.3 Assessment Monitoring Statistical Analysis

The purpose of the assessment monitoring program is to evaluate if downgradient well concentrations of Appendix IV parameters are at SSL above the respective GWPS. Assessment monitoring statistical evaluations are performed in general accordance with the *Statistical Analysis Plan for CCR Groundwater Monitoring* (Golder 2017b).

The statistical evaluation of assessment monitoring data is limited to those wells and parameters that have a maximum concentration greater than the GWPS. Historical Appendix IV groundwater data has been presented in prior annual groundwater reports.

3.3.1 December 2023 Monitoring Event Statistical Analysis Evaluation

The statistical evaluation following the December 2023 semi-annual assessment monitoring event is summarized in **Table 5** below (WSP 2024b).

Table 5: December 2023 Statistical Evaluation Summary

Parameter	Well	LCL	Method
Antimony	CCR-4	1.42 µg/L	Confidence interval around arithmetic mean
Arsenic	CCR-4	-1.53 µg/L	Non-parametric confidence band around Thiel-Sen trend line
Beryllium	CCR-4	-1.99 µg/L	Non-parametric confidence band around Thiel-Sen trend line
Beryllium	CCR-5	0.85 µg/L	Confidence interval around arithmetic mean
Molybdenum	CCR-6	60.6 µg/L	Confidence interval around arithmetic mean
Radium 226+228	CCR-4	2.53 pCi/L	Confidence interval around normal mean
Radium 226+228	CCR-6	1.06 pCi/L	Confidence band around linear regression trend line
Radium 226+228	CCR-7	5.16 pCi/L	Confidence interval around normal mean
Selenium	CCR-4	-0.61 µg/L	Non-parametric confidence band around Thiel-Sen trend line

Notes: LCL = lower confidence limit

One SSL above the GWPS was identified for radium 226+228 at CCR-7

3.3.2 June 2024 Monitoring Event Statistical Analysis Evaluation

The statistical evaluation following the June 2024 semi-annual assessment monitoring event is summarized in **Table 6** below (WSP 2024c).

Table 6: June 2024 Statistical Evaluation Summary

Parameter	Well	LCL	Method
Antimony	CCR-4	1.37 µg/L	Confidence interval around arithmetic mean
Arsenic	CCR-4	-2.84 µg/L	Non-parametric confidence band around Thiel-Sen trend line
Beryllium	CCR-4	-1.50 µg/L	Non-parametric confidence band around Thiel-Sen trend line
Beryllium	CCR-5	0.81 µg/L	Confidence interval around arithmetic mean
Molybdenum	CCR-6	57.8 µg/L	Confidence interval around arithmetic mean
Radium 226+228	CCR-4	2.48 pCi/L	Confidence interval around normal mean
Radium 226+228	CCR-6	1.97 pCi/L	Confidence band around linear regression trend line
Radium 226+228	CCR-7	5.14 pCi/L	Confidence interval around normal mean
Selenium	CCR-4	-1.14 µg/L	Non-parametric confidence band around Thiel-Sen trend line

Notes: LCL = lower confidence limit

One SSL above the GWPS was identified for radium 226+228 at CCR-7.

4. CORRECTIVE ACTION

The selected remedy for the molybdenum and radium 226+228 groundwater impacts is a combination of source control and monitored natural attenuation (MNA). Source control measures reduce or eliminate further release to groundwater from BSA-B. MNA as a remedial option relies on a range of natural processes, including physical and chemical, to reduce groundwater contamination concentrations.

4.1 Remedy Implementation

Source control was achieved through closure of BSA-B. Closure was initiated in December 2020 and completed in January 2022. An evaluation of MNA to address radium 226+228 and molybdenum impacts was performed by Golder (WSP Golder 2022a).

As part of the implementation of the selected remedy, a corrective action groundwater monitoring program was established in general accordance with §257.98(a)(1) which included a Tier IV of the MNA evaluation. A deed notation was recorded in October 2022 by JEA noting that the land has been used as a CCR unit and its use is restricted under post-closure care requirements.

Pursuant to §257.98(c), the remedy will be considered complete when:

- The GWPS is achieved at all points within the plume beyond the established CCR groundwater monitoring well network;
- The GWPS has not been exceeded for three years using statistical and performance procedures; and
- Actions required to complete the remedy are complete.

4.2 Corrective Action Groundwater Data Evaluation

In general accordance with the *Corrective Action Groundwater Monitoring Program* (WSP Golder 2022d), the effectiveness of the selected remedy will be assessed by continued statistical evaluation of radium 226+228 and molybdenum concentrations in CCR-series wells, evaluation of long-term trends of radium 226+228 and molybdenum where SSLs have been identified, evaluation of long-term trends and concentrations of radium 226+228 and molybdenum in downgradient AW-series wells, and periodic evaluation of general geochemical parameters.

4.2.1 Molybdenum

No SSLs for molybdenum were identified in 2024. A SSL for molybdenum was identified at CCR-6 as part of the statistical evaluation following the June 2020 assessment monitoring event. Molybdenum concentrations at CCR-6 have been less than the GWPS since June 2021. No detections above the GWPS have been noted in the AW-series wells. These results indicate that attenuation of molybdenum is occurring at BSA-B and the molybdenum plume is stable or shrinking.

4.2.2 Radium 226+228

SSLs above the GWPS for radium 226+228 were identified at CCR-7 in 2024 (based on the statistical evaluations following the December 2023 and June 2024 semi-annual assessment monitoring events). Radium 226+228 was noted at a SSL above the GWPS for CCR-6 in October 2018 and for CCR-7 in May 2020.

- Statistically significant decreasing trends for radium 226+228 concentrations have been identified at CCR-6 despite being detected above the GWPS 2024.
- There is no statistically significant trend for radium 226+228 at CCR-7. Radium 226+228 concentrations at CCR-7 have fluctuated below and above the GWPS in recent years.
- Statistically significant decreasing trends for radium 226+228 concentrations have been identified in AW-6, AW-7 and AW-10. Radium concentrations at AW-9 are generally stable at a level below the GWPS. Radium 226+228 concentrations in the AW-6, AW-7, AW-9, and AW-10 were below the GWPS in the 2024 semi-annual assessment monitoring events.

The radium 226+228 trends noted above indicate that attenuation of radium 226+228 is occurring at BSA-B and the plume is stable or shrinking.

5. CONCLUSIONS AND RECOMMENDATIONS

Pursuant to §257.98(a), JEA has implemented remedial measures for the identified radium 226+228 and molybdenum impacts at BSA-B.

Assessment monitoring will continue in 2025. The eighth annual assessment monitoring event will be performed in March 2025 and subsequent semi-annual assessment monitoring events will be performed in June 2025 and December 2025.

The corrective action monitoring program will continue to assess the effectiveness of the source control measures and natural attenuation processes. Corrective action groundwater samples will be collected during the semi-annual assessment monitoring events in June and December 2025.

6. REFERENCES

JEA. 2007. JEA SJRPP Byproduct Storage Area B, dated April 19, 2007. [This document includes as an attachment a report prepared by Golder in April 2007, Hydrogeologic and Geotechnical Site Evaluation, St. Johns River Power Park Area B By-Product Storage Area, Duval County, Florida].

Geosyntec Consultants. 2013. Industrial Wastewater and Solid Waste Groundwater Monitoring Plans, Revision 4, St. Johns River Power Park, Jacksonville Florida, dated June 2013.

Golder. 2015. Technical Memorandum, Groundwater Sampling Methodology and Analytical Procedures, CCR Groundwater Monitoring Plan, Byproduct Storage Area B, St. Johns River Power Park, dated December 14, 2015.

Golder. 2017a. CCR Groundwater Monitoring Network Certification, Byproduct Storage Area B, Phase I Development, St. Johns River Power Park, Jacksonville, Florida, dated October 13, 2017.

Golder. 2017b. Statistical Analysis Plan, CCR Groundwater Monitoring, St. Johns River Power Park, Jacksonville, Florida, dated October 2017.

Golder. 2018a. Statistically Significant Increase Evaluation, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 15, 2018.

Golder. 2018b. 2017 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 30, 2018.

Golder. 2018c. Statistically Significant Level Evaluation, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated October 15, 2018.

Golder. 2019a. Initiation of Assessment of Corrective Measures, Byproduct Storage Area B- CCR Groundwater Monitoring, St. Johns River Power Park, Duval County, Florida, dated January 13, 2019.

Golder. 2019b. 2018 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2019.

Golder. 2019c. Assessment of Corrective Measures, Byproduct Storage Area B, St. Johns River Power Park, dated June 2019.

Golder. 2020a. 2019 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2020.

Golder. 2020b. Statistically Significant Level Evaluation, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated May 6, 2020.

Golder. 2020c. Statistically Significant Level Evaluation, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated September 1, 2020.

Golder. 2020d. Assessment of Corrective Measures Addendum, Byproduct Storage Area B, St. Johns River Power Park, dated December 1, 2020.

Golder. 2021a. 2020 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2021.

Golder. 2021b. Monitored Natural Attenuation Evaluation, St. Johns River Power Park, dated October 4, 2021.

WSP Golder. 2022a. Remedy Selection Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 4, 2022.

WSP Golder. 2022b. 2021 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2022.

WSP Golder. 2022c. Notification of Closure Completion, St. Johns River Power Park, Byproduct Storage Area B, dated February 8, 2022.

WSP Golder. 2022d. Corrective Action Groundwater Monitoring Program, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated March 2022.

WSP Golder. 2022e. AW-10 Monitoring Well Installation Report, CCR Rule Compliance Support, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated May 4, 2022.

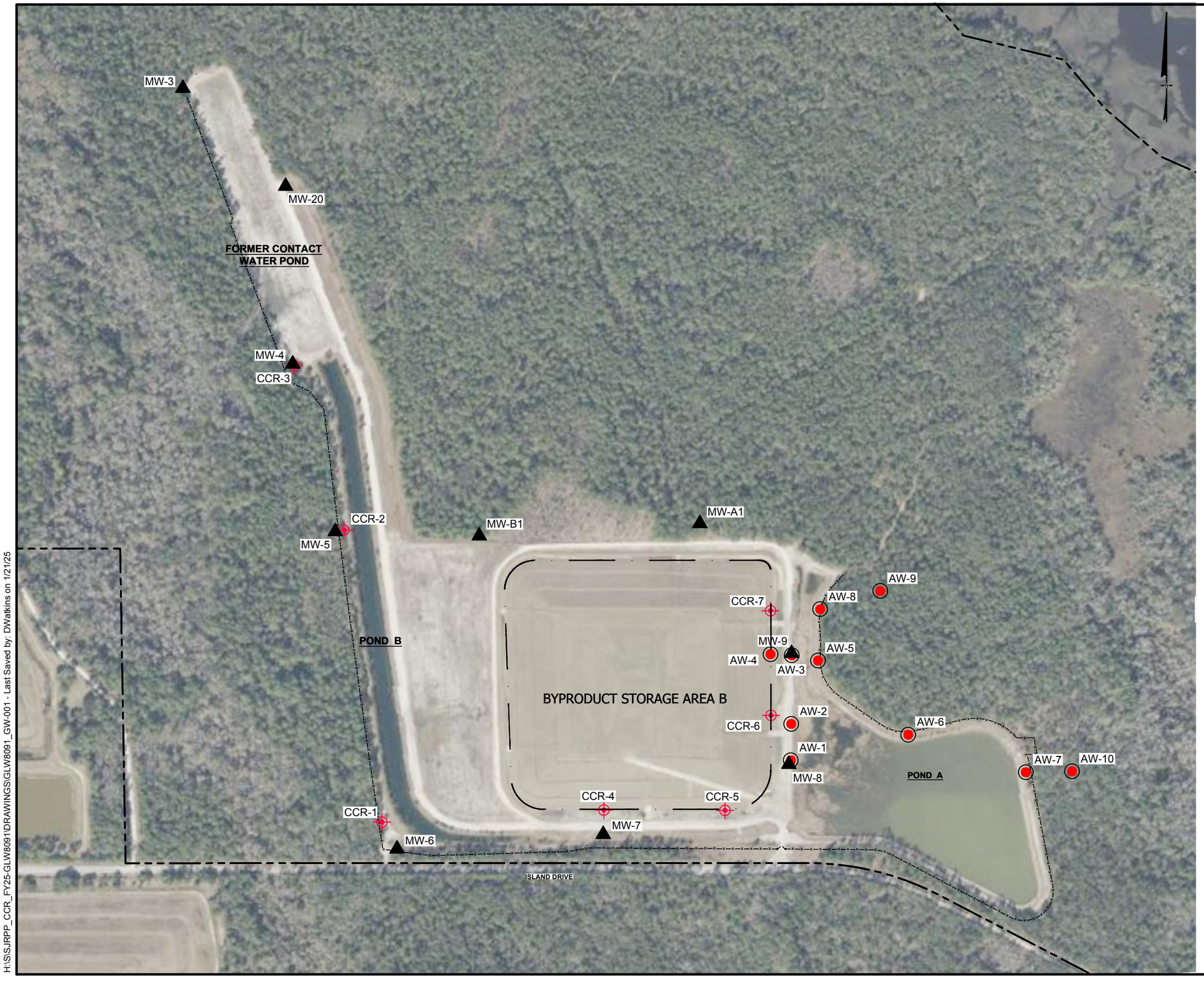
WSP. 2023a. 2022 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2023.

WSP 2024a. 2023 Annual Groundwater Monitoring and Corrective Action Report, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated January 2024.

WSP 2024b. Assessment Monitoring Statistical Analysis Evaluation – December 2023 Event, CCR Rule Groundwater Monitoring, Byproduct Storage Area B, St. Johns River Power Park, dated July 18, 2024.

WSP 2024c. Assessment Monitoring Statistical Analysis Evaluation – June 2024 Event, CCR Rule Groundwater Monitoring, Byproduct Storage Area B, St. Johns River Power Park, dated October 18, 2024

FIGURES



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- AREA B LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- MW-B1 — EXISTING MONITORING WELL

REFERENCE(S)

1.) CCR-SERIES MONITORING WELL AS-BUILT SURVEY PERFORMED BY B.V. & ASSOCIATES, INC. ON NOVEMBER 17, 2015.

2.) AERIAL IMAGE TAKEN FROM DRONE IMAGES (JANUARY 2022) AND FLORIDA DEPARTMENT OF TRANSPORTATION - APLUS, DATED FEBRUARY 2020.

3.) AW-SERIES PIEZOMETERS FROM SURVEY PERFORMED BY R.E. HOLLAND & ASSOCIATES, INC. IN MARCH 2019.

0 400 800

SCALE IN FEET

ST. JOHNS RIVER POWER PARK
BYPRODUCT STORAGE AREA B - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

CCR GROUNDWATER MONITORING WELLS

Geosyntec consultants

PROJECT NO: GLW8091 | JANUARY 2025

FIGURE 1

H:\SIS\RPP_CCR_FY25-GLW8091\DRAWINGS\GLW8091_GW-001 - Last Saved by: DWatkins on 1/21/25

POND E

FORMER CONTACT WATER POND

CCR-3 (12.61)

12.00

11.00

10.00

9.00

8.00

CCR-2 (12.42)

POND B

BYPRODUCT STORAGE AREA B

CCR-7 (8.88)

AW-4 (NM)

AW-3 (NM)

AW-2 (NM)

CCR-6 (8.72)

AW-1 (NM)

AW-9 (7.47)

AW-8 (8.24)

AW-5 (8.16)

AW-6 (NM)

POND A

AW-7 (7.7)

AW-10 (NM)

CCR-4 (11.12)

CCR-5 (9.59)

CCR-1 (11.87)

12.00

11.00

10.00

9.00

8.00

ISLAND DRIVE

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (9.59) — GROUNDWATER ELEVATION
- 7.00 — GROUNDWATER CONTOUR INTERVAL (DASHED WHERE INFERRED)
- ESTIMATED GROUNDWATER FLOW DIRECTION

REFERENCE(S)

1.) CCR-SERIES MONITORING WELL AS-BUILT SURVEY PERFORMED BY B.V. & ASSOCIATES, INC. ON NOVEMBER 17, 2015.

2.) AERIAL IMAGE TAKEN FROM DRONE IMAGES (JANUARY 2022) AND FLORIDA DEPARTMENT OF TRANSPORTATION - APLUS, DATED FEBRUARY 2020.

3.) AW-SERIES PIEZOMETERS FROM SURVEY PERFORMED BY R.E. HOLLAND & ASSOCIATES, INC. IN MARCH 2019.

0 400 800

SCALE IN FEET

ST. JOHNS RIVER POWER PARK
BYPRODUCT STORAGE AREA B - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

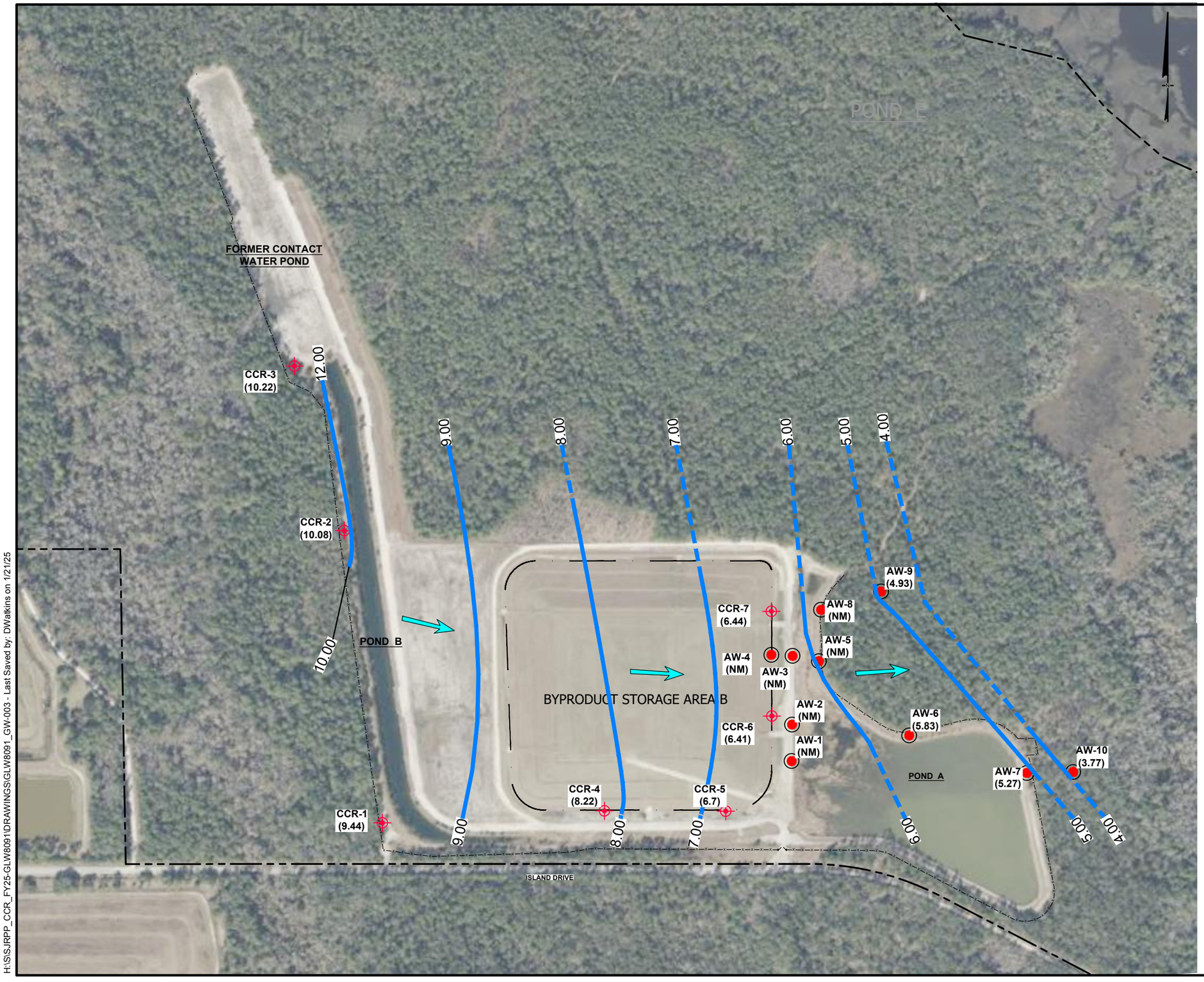
POTENTIOMETRIC MAP (MARCH 19, 2024)

Geosyntec consultants

FIGURE 2

PROJECT NO: GLW8091 | JANUARY 2025

H:\S\SJRPP_CCR_FY25-GLW8091\DRAWINGS\GLW8091_GW-002 - Last Saved by: DWatkins on 1/21/25



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (9.59) — GROUNDWATER ELEVATION
- 7.00 — GROUNDWATER CONTOUR INTERVAL (DASHED WHERE INFERRED)
- ESTIMATED GROUNDWATER FLOW DIRECTION

REFERENCE(S)

1.) CCR-SERIES MONITORING WELL AS-BUILT SURVEY PERFORMED BY B.V. & ASSOCIATES, INC. ON NOVEMBER 17, 2015.

2.) AERIAL IMAGE TAKEN FROM DRONE IMAGES (JANUARY 2022) AND FLORIDA DEPARTMENT OF TRANSPORTATION - APLUS, DATED FEBRUARY 2020.

3.) AW-SERIES PIEZOMETERS FROM SURVEY PERFORMED BY R.E. HOLLAND & ASSOCIATES, INC. IN MARCH 2019.

0 400 800

SCALE IN FEET

ST. JOHNS RIVER POWER PARK
BYPRODUCT STORAGE AREA B - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

POTENTIOMETRIC MAP (JUNE 25, 2024)

Geosyntec consultants

FIGURE 3

PROJECT NO: GLW8091 | JANUARY 2025

H:\S\SJRPP_CCR_FY25-GLW8091\DRAWINGS\GLW8091_GW-003 - Last Saved by: DWatkins on 1/21/25

POND E

FORMER CONTACT WATER POND

CCR-3 (11.5)

11.00

10.00

9.00

8.00

7.00

6.00

5.00

CCR-2 (11.44)

POND B

BYPRODUCT STORAGE AREA B

CCR-7 (7.63)

AW-8 (7.08)

AW-9 (6.53)

AW-4 (NM)

AW-5 (NM)

AW-3 (NM)

AW-2 (NM)

CCR-6 (7.48)

AW-1 (7.23)

AW-6 (7.02)

AW-10 (4.94)

POND A

AW-7 (6.51)

CCR-4 (9.54)

CCR-5 (7.9)

CCR-1 (10.78)

ISLAND DRIVE

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (9.59) — GROUNDWATER ELEVATION
- 7.00 — GROUNDWATER CONTOUR INTERVAL (DASHED WHERE INFERRED)
- ESTIMATED GROUNDWATER FLOW DIRECTION

REFERENCE(S)

1.) CCR-SERIES MONITORING WELL AS-BUILT SURVEY PERFORMED BY B.V. & ASSOCIATES, INC. ON NOVEMBER 17, 2015.

2.) AERIAL IMAGE TAKEN FROM DRONE IMAGES (JANUARY 2022) AND FLORIDA DEPARTMENT OF TRANSPORTATION - APLUS, DATED FEBRUARY 2020.

3.) AW-SERIES PIEZOMETERS FROM SURVEY PERFORMED BY R.E. HOLLAND & ASSOCIATES, INC. IN MARCH 2019.

0 400 800

SCALE IN FEET

ST. JOHNS RIVER POWER PARK
BYPRODUCT STORAGE AREA B - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

POTENTIOMETRIC MAP (DECEMBER 16, 2024)

Geosyntec consultants

FIGURE 4

PROJECT NO: GLW8091 | JANUARY 2025

H:\S\SJRPP_CCR_FY25-GLW8091\DRAWINGS\GLW8091_GW-004 - Last Saved by: DWatkins on 1/21/25

APPENDIX A
Summary of Groundwater Monitoring Results

Table A-1 - March 2024 Annual Assessment Monitoring Event Summary

		Appendix IV																Field Parameters					
Well ID	Sample Date	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Fluoride (mg/L)	Lead (ug/L)	Lithium (ug/L)	Mercury (ug/L)	Molybdenum (ug/L)	Selenium (ug/L)	Thallium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)	pH (Field) (S.U.)
CCR 1	20-Mar-24	0.431 U	0.495 I	45.3	0.940 I	0.963 I	0.766 U	1.49 U	0.088	0.181 U	2.1	0.0290 I	2.79 U	1.19 U	0.367 U	1.19	0.602 U	1.49	0.4	4.8	67	613	20.8	4.60
CCR 2	20-Mar-24	0.431 U	0.644 I	32.5	1.28 I	0.501 U	2.90 I	2.19 I	0.17	0.579 I	3.4	0.0320 I	2.79 U	1.19 U	0.367 U	1.38	1.53 U	2.15	0.5	49	-101	555	20.8	4.41
CCR 3	20-Mar-24	0.431 U	0.318 I	25.0	0.295 I	0.501 U	0.766 U	1.49 U	0.073 U,D3	0.181 U	0.29 I	0.0300 I	2.79 U	1.19 U	0.367 U	2.02	0.788 U	2.41	0.5	1.0	-16	1580	19.9	4.71
CCR 4	20-Mar-24	0.431 U	1.13 I	53.6	0.133 I	0.501 U	1.49 I	1.49 U	0.15 U,D3	0.371 I	0.22 U	0.0350 I	2.79 U	1.19 U	0.367 U	1.75 U	1.23 U	1.49 U	0.6	16	-185	1890	21.1	5.70
CCR 5	20-Mar-24	0.431 U	2.38 I	46.4	0.228 I	0.501 U	1.82 I	1.51 I	0.073 U,D3	0.384 I	0.53 I	0.0330 I	2.79 U	1.19 U J2	0.367 U	0.793 U	0.837 U	0.81 U	1.5	60	-131	1769	21.6	6.17
CCR 6	20-Mar-24	0.431 U	0.855 I	40.7	0.129 U	0.501 U	0.849 I	1.49 U	0.15 U,D3	0.181 U	0.22 U	0.0310 I	5.88 I	2.48 I	0.367 U	3.04	3.78	**6.82**	0.9	4.6	-232	4300	19.1	6.15
CCR 7	20-Mar-24	0.431 U	0.420 I	18.6 I	0.129 U	0.501 U	1.39 I	1.49 U	0.015 U	0.181 U	0.24 I	0.0290 I	9.76 I	1.19 U	0.367 U	0.863 U	1.58	2.01	1.4	18	-161	941	18.0	6.65
CCR Well 3 DUP	20-Mar-24	0.431 U	0.320 I	24.6	0.273 I	0.501 U	1.07 I	1.49 U	0.073 U,D3	0.181 U	0.22 U	0.0300 I	2.79 U	1.19 U	0.367 U	1.81	0.794	2.60	0.5	1.0	-16	1580	19.9	4.71
CCR Field Blank	20-Mar-24	0.431 U	0.250 U	0.161 U	0.129 U	0.501 U	0.766 U	1.49 U	0.015 U	0.181 U	0.22 U	0.0290 I	2.79 U	1.19 U	0.367 U	1.20 U	0.946 U	1.07 U	NA	NA	NA	NA	NA	NA
AW-6	19-Mar-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.79 U	NA	NA	1.54	1.06	2.60	0.5	16.3	52	1790	20.9	4.55
AW-5	19-Mar-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.79 U	NA	NA	1.89	1.43	3.32	0.5	8.7	53	4266	19.5	4.49
AW-8	19-Mar-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.79 U	NA	NA	2.65	3.76	**6.41**	1.2	16.1	-48	2780	19.9	4.12
AW-9	19-Mar-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.79 U	NA	NA	0.979	0.980	1.96	1.4	1.81	56	946	18.4	4.04
AW-7	19-Mar-24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.21 I	NA	NA	1.13	0.775	1.91	1.13	8.8	15.3	1012	18.9	6.29
Groundwater Protection Standard		6	10	2000	4	5	100	6	4	15	40	2	100	50	2	NA	NA	5	NA	NA	NA	NA	NA	NA

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

J2 Matrix interferred with ability to make accurate determination

V Indicates that the analyte was detected in both the sample and the associated method blank.

Table A-2 - June 2024 Semi-Annual Assessment Monitoring Event Summary

		Appendix IV															Appendix III						Field Parameters				
Well ID	Sample Date	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Fluoride (mg/L)	Lead (ug/L)	Lithium (ug/L)	Mercury (ug/L)	Molybdenum (ug/L)	Selenium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	Boron (ug/L)	Calcium (ug/L)	Chloride (mg/L)	Sulfate (mg/L)	Residue, Filterable (TDS) (mg/L)	pH (Field) (S.U.)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)
CCR 1	26-Jun-24	0.539 I	47.3	0.810 I	0.501 U	0.766 U	1.49 U	0.089	0.0793 U	2.1	0.0225 U	2.79 U	0.622 U	0.785 U	0.798 U	1.58	1312.5	26991	12.6	288	492	4.84	0.6	14.1	-48	637	22.9
CCR 2	26-Jun-24	0.489 I	27.0	1.02 I	0.501 U	1.04 I	1.49 U	0.14	0.142 I	2.8	0.0230 I	2.79 U	0.622 U	0.897 U	0.758 U	1.66	798.34	37115	9.3	186	300	4.51	0.5	13.8	-172	440	22.1
CCR 3	25-Jun-24	0.467 I	37.5	0.766 I	0.501 U	0.766 U	1.49 U	0.43	0.0793 U	0.42 I	0.0225 U	2.79 U	0.622 U J2	1.57	1.82	3.39	4675.5 J2	444050	25.2	1290	1813	4.44	0.4	2.36	-77	1953	22.1
CCR 4	25-Jun-24	1.63 I	84.1	0.175 I	0.501 U	1.11 I	1.49 U	0.073 U,D3	0.374 I	0.35 I	0.0260 I	3.20 I	2.14 I	1.37	0.977	2.35	8046.6	327290	36.7	949	1370	5.51	0.2	14.3	-246	1748	24.0
CCR 5	25-Jun-24	2.31 I	57.1	0.262 I	0.501 U	2.40 I	1.49 U	0.073 U,D3	0.508 I	0.67 I	0.0350 I	2.79 U	2.04 I	0.968 U	0.928	1.90	3850.7	344240	35.4	859	1430	6.24	0.2	9.3	-173	1724	23.6
CCR 6	25-Jun-24	0.611 I	52.5	0.129 U	0.501 U	0.766 U	1.49 U	0.073 U,D3	0.0793 U	0.22 U	0.0225 U	6.11 I	4.56	6.71	4.34	11.1	31574	388770	275	2090	3630	6.09	0.2	6.3	-263	4715	23.5
CCR 7	25-Jun-24	0.690 I	120.23	0.129 U	0.501 U	3.62 I	1.49 U	0.073 U,D3	0.121 I	0.46 I	0.0225 U	2.79 U	7.68	4.14	10.4	14.5	24232 J2	300980	451	1560	3075	5.43	0.2	9.0	-230	4218	24.0
CCR 4 DUP	25-Jun-24	1.68 I	81.8	0.162 I	0.501 U	1.28 I	1.49 U	0.073 U,D3	0.376 I	0.35 I	0.0360 I	3.91 I	2.15 I	2.37	1.56	3.93	7805.9	317230	37.1	970	1440	5.51	0.2	14.3	-246	1748	24.0
CCR Field Blank	26-Jun-24	0.0384 U	0.161 U	0.129 U	0.501 U	0.766 U	1.49 U	0.015 U	0.0793 U	0.28 I	0.0300 I	2.79 U	0.622 U	0.966	0.928	1.89	8.46 I	12.5 U	2.5 U	2.5 U	NA	NA	NA	NA	NA	NA	NA
AW-6	26-Jun-24	2.07 I	28.8	0.304 I	0.501 U	0.766 U	1.49 U	0.030 I,D3	0.0793 U	0.22 U	0.0280 I	2.79 U	0.765 I	1.20 U	1.02	2.22	5300.8	232280	41.5	716	1164	4.63	0.8	8.02	-173	1432	24.1
AW-7	26-Jun-24	0.288 I	20.4	0.129 U	0.501 U	0.766 U	1.49 U	0.028 I	0.0793 U	0.22 U	0.0310 I	5.43 I	0.622 U	1.13 U	0.838 U	1.97	4382.8	141300	27.3	363	686	6.92	0.8	3.13	-313	972	25.0
AW-9	26-Jun-24	2.70	56.9	0.939 I	0.501 U	0.766 U	1.49 U	0.12	0.0793 U	0.42 I	0.192 I	2.79 U	1.25 I	2.01	2.08	4.09	337.60	121830	35.0	403	586	4.49	0.4	4.20	-71	894	22.5
AW-10	26-Jun-24	1.09 I	23.9	1.12 I	0.501 U	0.766 U	1.49 U	0.055 I,D3	0.0793 U	0.47 I	0.0320 I	2.79 U	1.37 I	2.90	1.45	4.35	6268.8	190460	41.0	679	1114	4.71	0.9	15.3	-200	1380	22.6
Groundwater Protection Standard		10	2000	4	5	100	6	4	15	40	2	100	50	NA	NA	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

J2 Matrix interferred with ability to make accurate determination

V Indicates that the analyte was detected in both the sample and the associated method blank.

Table A-3 - December 2024 Semi-Annual Assessment Monitoring Event Summary

		Appendix IV															Appendix III						Field Parameters				
Well ID	Sample Date	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Fluoride (mg/L)	Lead (ug/L)	Lithium (ug/L)	Mercury (ug/L)	Molybdenum (ug/L)	Selenium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	Boron (ug/L)	Calcium (ug/L)	Chloride (mg/L)	Sulfate (mg/L)	Residue, Filterable (TDS) (mg/L)	pH (Field) (S.U.)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)
CCR 1	16-Dec-24	0.634 I	51.7	0.824 I	0.501 U	0.766 U	1.49 U	0.085	0.0793 U	2.4 V	0.0225 U	2.79 U	0.622 U	1.58	0.786	2.37	1245.5	26476	10.7	289	486	3.81	0.28	4.46	86.6	550	22.92
CCR 2	16-Dec-24	0.430 I	31.6	0.797 I	0.501 U	2.00 I	1.49 U	0.096	0.188 I	3.0	0.0225 U	2.79 U	0.622 U	1.00 U	0.934 U	1.93 U	663.06	28806	8.6	135	224	3.56	0.20	15.6	-118.56	302	22.46
CCR 3	16-Dec-24	0.368 I	28.1	0.462 I	0.501 U	1.14 I	1.49 U	0.18	0.0850 I	0.42 I,V	0.0225 U	2.79 U	0.690 I	1.56 U	1.57	3.13	3591.8	355780	17.0	968	1460	3.53	0.38	1.25	-52.9	1383	22.38
CCR 4	16-Dec-24	1.07 I	78.5	0.252 I	0.501 U	1.32 I	1.49 U	0.029 U	0.480 I	0.31 I,V	0.0225 U	6.00 I	1.91 I	1.77	2.41	4.18	5591.0	322260	27.7	987	2075	4.80	0.26	74.7	-212.8	1563	23.79
CCR 5	16-Dec-24	1.68 I	44.0	0.174 I	0.501 U	2.03 I	1.49 U	0.038 I,D3	0.307 I	1.2 V	0.100 I	2.79 U	1.36 I	0.988 U	1.25	2.24	2705.8	327490	19.9	750	2000	5.73	2.27	21.1	-194.6	1408	23.36
CCR 6	17-Dec-24	0.516 I	55.8	0.129 U	0.501 U	0.766 U	1.49 U	0.073 U	0.0793 U	0.32 I,V	0.0225 U	6.85 I	4.99	2.82	3.78	6.60	31773	412590	281	2060	3660	6.08	0.33	5.63	-233.9	4208	22.69
CCR 7	17-Dec-24	0.784 I	81.3	0.129 U	0.501 U	4.31 I	1.49 U	0.073 U	0.0793 U	0.56 I,V	0.0450 U	2.79 U	7.12	2.65	6.96	9.61	25544	306600	409	1580	4750	5.80	0.90	9.93	-234.5	3677	22.71
CCR 5 DUP	16-Dec-24	1.68 I	43.6	0.176 I	0.501 U	2.66 I	1.49 U	0.029 U	0.487 I	0.97 I,V	0.0225 U	2.79 U	1.36 I	0.859 U	1.15	2.01	2602.3	330180	18.3	789	1520	5.73	2.27	21.1	-194.6	1408	23.36
CCR Field Blank	17-Dec-24	0.667 I	5.65 I	0.129 U	0.501 U	1.33 I	1.49 U	0.098	0.0793 U	1.3 V	0.0510 I	7.28 I	1.06 I	1.21 U	0.713 U	1.92	15.4 I	69838	13.5	11.3							
AW-6	17-Dec-24	0.922 I	27.2	0.298 I	0.501 U	0.929 I	1.49 U	0.073 U	0.0793 U	0.38 I,V	0.0225 U	2.79 U	0.757 I	0.911 U	0.816 U	1.73 U	5150.4	177750	35.1	595	850	4.25	0.43	11.2	-181.1	1038	24.36
AW-7	17-Dec-24	2.96	19.9 I	0.129 U	0.501 U	0.766 U	1.49 U	0.028 I	0.0793 U	0.22 I,V	0.0270 I	9.82 I	0.728 I	0.907 U	0.892 U	1.80 U	3389.2	104990	16.9	208	496	7.22	0.43	3.91	-288.3	643	23.74
AW-9	17-Dec-24	0.284 I	49.5	0.849 I	0.501 U	1.31 I	1.49 U	0.051	0.0793 U	0.57 I,V	0.0225 U	2.79 U	0.622 U	0.997 U	1.43	2.43	438.08	120960	34.3	358	607	4.46	0.87	4.11	-118.6	723	21.77
AW-10	17-Dec-24	1.95 I	23.7	0.473 I	0.501 U	0.766 U	1.49 U	0.053	0.0793 U	0.41 I,V	0.0225 U	2.79 U	0.996 I	2.03	0.770 U	2.80	5030.3	142590	29.7	437	733	4.74	0.39	13.0	-200.2	869	21.58
Groundwater Protection Standard		10	2000	4	5	100	6	4	15	40	2	100	50	NA	NA	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

J2 Matrix interferred with ability to make accurate determination

V Indicates that the analyte was detected in both the sample and the associated method blank.

APPENDIX B
Laboratory Analytical Results

MARCH 2024 ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Barium	45.3	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.940	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.963	ug/L	I	0.501	4.00	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8	Lithium	2.1	ug/L		0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.495	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 245.1	Mercury	0.0290	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 300.0	Fluoride	0.088	mg/L		0.015	0.050	1	01-Apr-24	Pace
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 903.1	Radium-226	1.19	pCi/L		0.993	0.993	1	11-Apr-24	Pace
S240320PPCCR1XX01	CCR 1	20-Mar-24	EPA 904.0	Radium-228	0.602U	pCi/L	U	0.602	0.602	1	03-Apr-24	Pace
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	DO (Field) Concentration	0.4	mg/L				1	20-Mar-24	Field
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	Field Turb	4.8	NTU				1	20-Mar-24	Field
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	Redox Potential (Field)	67	mV				1	20-Mar-24	Field
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	Specific Conductance (Field)	613	umhos/cm				1	20-Mar-24	Field
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	Temp (Field)	20.8	Deg.C				1	20-Mar-24	Field
S240320PPCCR1XX01	CCR 1	20-Mar-24	Field	pH (Field)	4.60	S.U.				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Barium	32.5	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Beryllium	1.28	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Chromium	2.90	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Cobalt	2.19	ug/L	I	1.49	20.0	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8	Lithium	3.4	ug/L		0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.644	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8 TOTAL	Lead	0.579	ug/L	I	0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 245.1	Mercury	0.0320	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 300.0	Fluoride	0.17	mg/L		0.015	0.050	1	01-Apr-24	Pace
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 903.1	Radium-226	1.38	pCi/L		2.18	2.18	1	11-Apr-24	Pace
S240320PPCCR2XX01	CCR 2	20-Mar-24	EPA 904.0	Radium-228	1.53U	pCi/L	U	1.53	1.53	1	03-Apr-24	Pace
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	DO (Field) Concentration	0.5	mg/L				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	Field Turb	49	NTU				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	Redox Potential (Field)	-101	mV				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	Specific Conductance (Field)	555	umhos/cm				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	Temp (Field)	20.8	Deg.C				1	20-Mar-24	Field
S240320PPCCR2XX01	CCR 2	20-Mar-24	Field	pH (Field)	4.41	S.U.				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Barium	25.0	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.295	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8	Lithium	0.29	ug/L	I	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.318	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 245.1	Mercury	0.0300	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	01-Apr-24	Pace
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 903.1	Radium-226	2.02	pCi/L		0.744	0.744	1	11-Apr-24	Pace
S240320PPCCR3XX01	CCR 3	20-Mar-24	EPA 904.0	Radium-228	0.788U	pCi/L	U	0.788	0.788	1	03-Apr-24	Pace
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	DO (Field) Concentration	0.5	mg/L				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	Field Turb	1.0	NTU				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	Redox Potential (Field)	-16	mV				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	Specific Conductance (Field)	1580	umhos/cm				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	Temp (Field)	19.9	Deg.C				1	20-Mar-24	Field
S240320PPCCR3XX01	CCR 3	20-Mar-24	Field	pH (Field)	4.71	S.U.				1	20-Mar-24	Field
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Barium	24.6	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.273	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Chromium	1.07	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.320	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 245.1	Mercury	0.0300	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	01-Apr-24	Pace
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 903.1	Radium-226	1.81	pCi/L		0.840	0.840	1	11-Apr-24	Pace
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	EPA 904.0	Radium-228	0.794	pCi/L		0.544	0.544	1	03-Apr-24	Pace
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	DO (Field) Concentration	0.5	mg/L				1	20-Mar-24	Field
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	Field Turb	1.0	NTU				1	20-Mar-24	Field
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	Redox Potential (Field)	-16	mV				1	20-Mar-24	Field
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	Specific Conductance (Field)	1580	umhos/cm				1	20-Mar-24	Field
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	Temp (Field)	19.9	Deg.C				1	20-Mar-24	Field

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LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240320PPCCR3XX02	CCR Well 3 DUP	20-Mar-24	Field	pH (Field)	4.71	S.U.				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Barium	53.6	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.133	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Chromium	1.49	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8 TOTAL	Arsenic	1.13	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8 TOTAL	Lead	0.371	ug/L	I	0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 245.1	Mercury	0.0350	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 300.0	Fluoride	0.15 U	mg/L	U,D3	0.15	0.50	10	01-Apr-24	Pace
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 903.1	Radium-226	1.75U	pCi/L	U	1.75	1.75	1	11-Apr-24	Pace
S240320PPCCR4XX01	CCR 4	20-Mar-24	EPA 904.0	Radium-228	1.23U	pCi/L	U	1.23	1.23	1	03-Apr-24	Pace
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	DO (Field) Concentration	0.6	mg/L				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	Field Turb	16	NTU				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	Redox Potential (Field)	-185	mV				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	Specific Conductance (Field)	1890	umhos/cm				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	Temp (Field)	21.1	Deg.C				1	20-Mar-24	Field
S240320PPCCR4XX01	CCR 4	20-Mar-24	Field	pH (Field)	5.70	S.U.				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Barium	46.4	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.228	ug/L	I	0.129	2.00	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Chromium	1.82	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.51	ug/L	I	1.49	20.0	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8	Lithium	0.53	ug/L	I	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8 TOTAL	Arsenic	2.38	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8 TOTAL	Lead	0.384	ug/L	I	0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L	J2	1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 245.1	Mercury	0.0330	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	01-Apr-24	Pace
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 903.1	Radium-226	0.793U	pCi/L	U	0.793	0.793	1	11-Apr-24	Pace
S240320PPCCR5XX01	CCR 5	20-Mar-24	EPA 904.0	Radium-228	0.837U	pCi/L	U	0.837	0.837	1	03-Apr-24	Pace
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	DO (Field) Concentration	1.5	mg/L				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	Field Turb	60	NTU				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	Redox Potential (Field)	-131	mV				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	Specific Conductance (Field)	1769	umhos/cm				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	Temp (Field)	21.6	Deg.C				1	20-Mar-24	Field
S240320PPCCR5XX01	CCR 5	20-Mar-24	Field	pH (Field)	6.17	S.U.				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Barium	40.7	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Chromium	0.849	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	5.88	ug/L	I	2.79	16.0	1	25-Mar-24	AC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.855	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8 TOTAL	Selenium	2.48	ug/L	I	1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 245.1	Mercury	0.0310	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 300.0	Fluoride	0.15 U	mg/L	U,D3	0.15	0.50	10	02-Apr-24	Pace
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 903.1	Radium-226	3.04	pCi/L		0.861	0.861	1	11-Apr-24	Pace
S240320PPCCR6XX01	CCR 6	20-Mar-24	EPA 904.0	Radium-228	3.78	pCi/L		0.837	0.837	1	03-Apr-24	Pace
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	DO (Field) Concentration	0.9	mg/L				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	Field Turb	4.6	NTU				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	Redox Potential (Field)	-232	mV				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	Specific Conductance (Field)	4300	umhos/cm				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	Temp (Field)	19.1	Deg.C				1	20-Mar-24	Field
S240320PPCCR6XX01	CCR 6	20-Mar-24	Field	pH (Field)	6.15	S.U.				1	20-Mar-24	Field
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Barium	18.6	ug/L	I	0.161	20.0	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Chromium	1.39	ug/L	I	0.766	16.0	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	9.76	ug/L	I	2.79	16.0	1	25-Mar-24	AC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8	Lithium	0.24	ug/L	I	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.420	ug/L	I	0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 245.1	Mercury	0.0290	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	02-Apr-24	Pace
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 903.1	Radium-226	0.863U	pCi/L	U	0.863	0.863	1	11-Apr-24	Pace
S240320PPCCR7XX01	CCR 7	20-Mar-24	EPA 904.0	Radium-228	1.58	pCi/L		0.660	0.660	1	04-Apr-24	Pace
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	DO (Field) Concentration	1.4	mg/L				1	20-Mar-24	Field
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	Field Turb	18	NTU				1	20-Mar-24	Field
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	Redox Potential (Field)	-161	mV				1	20-Mar-24	Field
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	Specific Conductance (Field)	941	umhos/cm				1	20-Mar-24	Field

MARCH 2024 ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	Temp (Field)	18.0	Deg.C				1	20-Mar-24	Field
S240320PPCCR7XX01	CCR 7	20-Mar-24	Field	pH (Field)	6.65	S.U.				1	20-Mar-24	Field
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Barium	0.161 U	ug/L		0.161	20.0	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Mar-24	Pace
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1.25	27-Mar-24	AB
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8 TOTAL	Arsenic	0.250 U	ug/L		0.250	2.50	1.25	27-Mar-24	AB
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1.25	27-Mar-24	AB
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1.25	27-Mar-24	AB
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 200.8 TOTAL	Thallium	0.367 U	ug/L		0.367	2.50	1.25	27-Mar-24	AB
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 245.1	Mercury	0.0290	ug/L	I	0.0248	0.200	1	23-Mar-24	KC
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	02-Apr-24	Pace
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 903.1	Radium-226	1.20U	pCi/L	U	1.20	1.20	1	11-Apr-24	Pace
S240320PPCCRFB01	CCR Field Blank	20-Mar-24	EPA 904.0	Radium-228	0.946U	pCi/L	U	0.946	0.946	1	04-Apr-24	Pace
S240319PPAW6XX01	AW-6	19-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240319PPAW6XX01	AW-6	19-Mar-24	EPA 903.1	Radium-226	1.54	pCi/L		1.20	1.20	1	11-Apr-24	Pace
S240319PPAW6XX01	AW-6	19-Mar-24	EPA 904.0	Radium-228	1.06	pCi/L		0.870	0.870	1	04-Apr-24	Pace
S240319PPAW6XX01	AW-6	19-Mar-24	Field	DO (Field) Concentration	0.5	mg/L				1	19-Mar-24	Field
S240319PPAW6XX01	AW-6	19-Mar-24	Field	Field Turb	16.3	NTU				1	19-Mar-24	Field
S240319PPAW6XX01	AW-6	19-Mar-24	Field	Redox Potential (Field)	52	mV				1	19-Mar-24	Field
S240319PPAW6XX01	AW-6	19-Mar-24	Field	Specific Conductance (Field)	1790	umhos/cm				1	19-Mar-24	Field
S240319PPAW6XX01	AW-6	19-Mar-24	Field	Temp (Field)	20.9	Deg.C				1	19-Mar-24	Field
S240319PPAW6XX01	AW-6	19-Mar-24	Field	pH (Field)	4.55	S.U.				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240319PPAW5XX01	AW-5	19-Mar-24	EPA 903.1	Radium-226	1.89	pCi/L		0.520	0.520	1	11-Apr-24	Pace
S240319PPAW5XX01	AW-5	19-Mar-24	EPA 904.0	Radium-228	1.43	pCi/L		0.950	0.950	1	04-Apr-24	Pace
S240319PPAW5XX01	AW-5	19-Mar-24	Field	DO (Field) Concentration	0.5	mg/L				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	Field	Field Turb	8.7	NTU				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	Field	Redox Potential (Field)	53	mV				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	Field	Specific Conductance (Field)	4266	umhos/cm				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	Field	Temp (Field)	19.5	Deg.C				1	19-Mar-24	Field
S240319PPAW5XX01	AW-5	19-Mar-24	Field	pH (Field)	4.49	S.U.				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240319PPAW8XX01	AW-8	19-Mar-24	EPA 903.1	Radium-226	2.65	pCi/L		0.656	0.656	1	11-Apr-24	Pace
S240319PPAW8XX01	AW-8	19-Mar-24	EPA 904.0	Radium-228	3.76	pCi/L		0.808	0.808	1	04-Apr-24	Pace
S240319PPAW8XX01	AW-8	19-Mar-24	Field	DO (Field) Concentration	1.2	mg/L				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	Field	Field Turb	16.1	NTU				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	Field	Redox Potential (Field)	-48	mV				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	Field	Specific Conductance (Field)	2780	umhos/cm				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	Field	Temp (Field)	19.9	Deg.C				1	19-Mar-24	Field
S240319PPAW8XX01	AW-8	19-Mar-24	Field	pH (Field)	4.12	S.U.				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	25-Mar-24	AC
S240319PPAW9XX01	AW-9	19-Mar-24	EPA 903.1	Radium-226	0.979	pCi/L		0.815	0.815	1	11-Apr-24	Pace
S240319PPAW9XX01	AW-9	19-Mar-24	EPA 904.0	Radium-228	0.980	pCi/L		0.731	0.731	1	04-Apr-24	Pace
S240319PPAW9XX01	AW-9	19-Mar-24	Field	DO (Field) Concentration	1.4	mg/L				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	Field	Field Turb	1.81	NTU				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	Field	Redox Potential (Field)	56	mV				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	Field	Specific Conductance (Field)	946	umhos/cm				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	Field	Temp (Field)	18.4	Deg.C				1	19-Mar-24	Field
S240319PPAW9XX01	AW-9	19-Mar-24	Field	pH (Field)	4.04	S.U.				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	EPA 200.7 TOTAL	Molybdenum	4.21	ug/L	I	2.79	16.0	1	25-Mar-24	AC
S240319PPAW7XX01	AW-7	19-Mar-24	EPA 903.1	Radium-226	1.13	pCi/L		0.814	0.814	1	11-Apr-24	Pace
S240319PPAW7XX01	AW-7	19-Mar-24	EPA 904.0	Radium-228	0.775	pCi/L		0.746	0.746	1	04-Apr-24	Pace
S240319PPAW7XX01	AW-7	19-Mar-24	Field	DO (Field) Concentration	1.13	mg/L				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	Field	Field Turb	8.8	NTU				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	Field	Redox Potential (Field)	15.3	mV				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	Field	Specific Conductance (Field)	1012	umhos/cm				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	Field	Temp (Field)	18.9	Deg.C				1	19-Mar-24	Field
S240319PPAW7XX01	AW-7	19-Mar-24	Field	pH (Field)	6.29	S.U.				1	19-Mar-24	Field

JUNE 2024 SEMI-ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Barium	47.3	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Beryllium	0.810	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Boron	1312.5	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Calcium	26991	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.8	Lithium	2.1	ug/L		0.22	1.0	1	03-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.8 TOTAL	Arsenic	0.539	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	07-Jul-24	BM
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 300.0	Chloride	12.6	mg/L		2.5	5.0	1	18-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 300.0	Fluoride	0.089	mg/L		0.015	0.050	1	23-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 300.0	Sulfate	288	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 903.1	Radium-226	0.785U	pCi/L	U	0.785	0.785	1	11-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	EPA 904.0	Radium-228	0.798U	pCi/L	U	0.798	0.798	1	10-Jul-24	Pace
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	DO (Field) Concentration	0.6	mg/L				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	Field Turb	14.1	NTU				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	Redox Potential (Field)	-48	mV				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	Specific Conductance (Field)	637	umhos/cm				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	Temp (Field)	22.9	Deg.C				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	Field	pH (Field)	4.84	S.U.				1	26-Jun-24	Field
S240626PPCCR1XX01	CCR 1	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	492	mg/L		3	5	1	28-Jun-24	AD
S240626PPCCR1XX01	CCR 1	26-Jun-24	Total Radium Calcula	Total Radium	1.58	pCi/L		1.58	1.58	1	11-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Barium	27.0	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Beryllium	1.02	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Boron	798.34	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Calcium	37115	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Chromium	1.04	ug/L	I	0.766	16.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.8	Lithium	2.8	ug/L		0.22	1.0	1	03-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.8 TOTAL	Arsenic	0.489	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.8 TOTAL	Lead	0.142	ug/L	I	0.0793	0.625	1.25	08-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 245.1	Mercury	0.0230	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 300.0	Chloride	9.3	mg/L		2.5	5.0	1	18-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 300.0	Fluoride	0.14	mg/L		0.015	0.050	1	23-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 300.0	Sulfate	186	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 903.1	Radium-226	0.897U	pCi/L	U	0.897	0.897	1	11-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	EPA 904.0	Radium-228	0.758U	pCi/L	U	0.758	0.758	1	10-Jul-24	Pace
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	DO (Field) Concentration	0.5	mg/L				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	Field Turb	13.8	NTU				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	Redox Potential (Field)	-172	mV				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	Specific Conductance (Field)	440	umhos/cm				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	Temp (Field)	22.1	Deg.C				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	Field	pH (Field)	4.51	S.U.				1	26-Jun-24	Field
S240626PPCCR2XX01	CCR 2	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	300	mg/L		3	5	1	03-Jul-24	AD
S240626PPCCR2XX01	CCR 2	26-Jun-24	Total Radium Calcula	Total Radium	1.66	pCi/L		1.66	1.66	1	11-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Barium	37.5	ug/L		0.161	20.0	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.766	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Boron	4675.5	ug/L	J2	1.54	20.0	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Calcium	444050	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.8	Lithium	0.42	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.8 TOTAL	Arsenic	0.467	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L	J2	0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	07-Jul-24	BM
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 300.0	Chloride	25.2	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 300.0	Fluoride	0.43	mg/L		0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 300.0	Sulfate	1290	mg/L		50.0	100	20	19-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 903.1	Radium-226	1.57	pCi/L		0.890	0.890	1	11-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	EPA 904.0	Radium-228	1.82	pCi/L		0.845	0.845	1	10-Jul-24	Pace
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	DO (Field) Concentration	0.4	mg/L				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	Field Turb	2.36	NTU				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	Redox Potential (Field)	-77	mV				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	Specific Conductance (Field)	1953	umhos/cm				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	Temp (Field)	22.1	Deg.C				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	Field	pH (Field)	4.44	S.U.				1	25-Jun-24	Field
S240625PPCCR3XX01	CCR 3	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1813	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR3XX01	CCR 3	25-Jun-24	Total Radium Calcula	Total Radium	3.39	pCi/L		1.74	1.74	1	11-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Barium	84.1	ug/L		0.161	20.0	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.175	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Boron	8046.6	ug/L		1.54	20.0	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Calcium	327290	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Chromium	1.11	ug/L	I	0.766	16.0	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	3.20	ug/L	I	2.79	16.0	1	03-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.8	Lithium	0.35	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.8 TOTAL	Arsenic	1.63	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC

JUNE 2024 SEMI-ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.8 TOTAL	Lead	0.374	ug/L	I	0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 200.8 TOTAL	Selenium	2.14	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 245.1	Mercury	0.0260	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 300.0	Chloride	36.7	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 300.0	Sulfate	949	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 903.1	Radium-226	1.37	pCi/L		1.17	1.17	1	11-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	EPA 904.0	Radium-228	0.977	pCi/L		0.768	0.768	1	10-Jul-24	Pace
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	DO (Field) Concentration	0.2	mg/L				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	Field Turb	14.3	NTU				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	Redox Potential (Field)	-246	mV				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	Specific Conductance (Field)	1748	umhos/cm				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	Temp (Field)	24.0	Deg.C				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	Field	pH (Field)	5.51	S.U.				1	25-Jun-24	Field
S240625PPCCR4XX01	CCR 4	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1370	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR4XX01	CCR 4	25-Jun-24	Total Radium Calcula	Total Radium	2.35	pCi/L		1.94	1.94	1	11-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Barium	81.8	ug/L		0.161	20.0	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.162	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Boron	7805.9	ug/L		1.54	20.0	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Calcium	317230	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Chromium	1.28	ug/L	I	0.766	16.0	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	3.91	ug/L	I	2.79	16.0	1	03-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.8	Lithium	0.35	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.8 TOTAL	Arsenic	1.68	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.8 TOTAL	Lead	0.376	ug/L	I	0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 200.8 TOTAL	Selenium	2.15	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 245.1	Mercury	0.0360	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 300.0	Chloride	37.1	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 300.0	Sulfate	970	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 903.1	Radium-226	2.37	pCi/L		1.22	1.22	1	11-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	EPA 904.0	Radium-228	1.56	pCi/L		0.860	0.860	1	10-Jul-24	Pace
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	DO (Field) Concentration	0.2	mg/L				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	Field Turb	14.3	NTU				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	Redox Potential (Field)	-246	mV				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	Specific Conductance (Field)	1748	umhos/cm				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	Temp (Field)	24.0	Deg.C				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Field	pH (Field)	5.51	S.U.				1	25-Jun-24	Field
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1440	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR4XX02	CCR 4 DUP	25-Jun-24	Total Radium Calcula	Total Radium	3.93	pCi/L		2.08	2.08	1	11-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Barium	57.1	ug/L		0.161	20.0	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.262	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Boron	3850.7	ug/L		1.54	20.0	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Calcium	344240	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Chromium	2.40	ug/L	I	0.766	16.0	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.8	Lithium	0.67	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.8 TOTAL	Arsenic	2.31	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.8 TOTAL	Lead	0.508	ug/L	I	0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 200.8 TOTAL	Selenium	2.04	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 245.1	Mercury	0.0350	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 300.0	Chloride	35.4	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 300.0	Sulfate	859	mg/L		50.0	100	20	19-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 903.1	Radium-226	0.968U	pCi/L	U	0.968	0.968	1	11-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	EPA 904.0	Radium-228	0.928	pCi/L		0.828	0.828	1	10-Jul-24	Pace
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	DO (Field) Concentration	0.2	mg/L				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	Field Turb	9.3	NTU				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	Redox Potential (Field)	-173	mV				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	Specific Conductance (Field)	1724	umhos/cm				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	Temp (Field)	23.6	Deg.C				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	Field	pH (Field)	6.24	S.U.				1	25-Jun-24	Field
S240625PPCCR5XX01	CCR 5	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1430	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR5XX01	CCR 5	25-Jun-24	Total Radium Calcula	Total Radium	1.90	pCi/L		1.80	1.80	1	11-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Barium	0.161 U	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Boron	8.46	ug/L	I	1.54	20.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Calcium	12.5 U	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.8	Lithium	0.28	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.8 TOTAL	Arsenic	0.0384 U	ug/L		0.0384	2.50	1.25	08-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 245.1	Mercury	0.0300	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 300.0	Chloride	2.5 U	mg/L	U	2.5	5.0	1	18-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	23-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 300.0	Sulfate	2.5 U	mg/L	U	2.5	5.0	1	18-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 903.1	Radium-226	0.966	pCi/L		0.145	0.145	1	11-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	EPA 904.0	Radium-228	0.928	pCi/L		0.752	0.752	1	10-Jul-24	Pace
S240626PPCCRFBFB01	CCR Field Blank	26-Jun-24	Total Radium Calcula	Total Radium	1.89	pCi/L		0.897	0.897	1	11-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Barium	52.5	ug/L		0.161	20.0	1	03-Jul-24	AC

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LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	03-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Boron	31574	ug/L		7.68	100	5	12-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Calcium	388770	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	6.11	ug/L	I	2.79	16.0	1	03-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.8 TOTAL	Arsenic	0.611	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 200.8 TOTAL	Selenium	4.56	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Jun-24	BM
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 300.0	Chloride	275	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 300.0	Sulfate	2090	mg/L		125	250	50	19-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 903.1	Radium-226	6.71	pCi/L		0.148	0.148	1	11-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	EPA 904.0	Radium-228	4.34	pCi/L		0.811	0.811	1	10-Jul-24	Pace
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	DO (Field) Concentration	0.2	mg/L				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	Field Turb	6.3	NTU				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	Redox Potential (Field)	-263	mV				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	Specific Conductance (Field)	4715	umhos/cm				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	Temp (Field)	23.5	Deg.C				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	Field	pH (Field)	6.09	S.U.				1	25-Jun-24	Field
S240625PPCCR6XX01	CCR 6	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	3630	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR6XX01	CCR 6	25-Jun-24	Total Radium Calcula	Total Radium	11.1	pCi/L		0.959	0.959	1	11-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Barium	120.23	ug/L		0.161	20.0	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Boron	24232	ug/L	J2	7.68	100	5	12-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Calcium	300980	ug/L		62.4	200	5	12-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Chromium	3.62	ug/L	I	0.766	16.0	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.8	Lithium	0.46	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.8 TOTAL	Arsenic	0.690	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.8 TOTAL	Lead	0.121	ug/L	I	0.0793	0.625	1.25	08-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 200.8 TOTAL	Selenium	7.68	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Jun-24	BM
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 300.0	Chloride	451	mg/L		12.5	25.0	5	18-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 300.0	Sulfate	1560	mg/L		125	250	50	19-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 903.1	Radium-226	4.14	pCi/L		1.22	1.22	1	11-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	EPA 904.0	Radium-228	10.4	pCi/L		0.804	0.804	1	10-Jul-24	Pace
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	DO (Field) Concentration	0.2	mg/L				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	Field Turb	9.0	NTU				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	Redox Potential (Field)	-230	mV				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	Specific Conductance (Field)	4218	umhos/cm				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	Temp (Field)	24.0	Deg.C				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	Field	pH (Field)	5.43	S.U.				1	25-Jun-24	Field
S240625PPCCR7XX01	CCR 7	25-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	3075	mg/L		3	5	1	28-Jun-24	AD
S240625PPCCR7XX01	CCR 7	25-Jun-24	Total Radium Calcula	Total Radium	14.5	pCi/L		2.02	2.02	1	11-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Barium	28.8	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Beryllium	0.304	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Boron	5300.8	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Calcium	232280	ug/L		62.4	200	5	12-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	03-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.8 TOTAL	Arsenic	2.07	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 200.8 TOTAL	Selenium	0.765	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 245.1	Mercury	0.0280	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 300.0	Chloride	41.5	mg/L		5.0	10.0	2	18-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 300.0	Fluoride	0.030	mg/L	I,D3	0.029	0.10	2	23-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 300.0	Sulfate	716	mg/L		50.0	100	20	19-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 903.1	Radium-226	1.20U	pCi/L	U	1.20	1.20	1	11-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	EPA 904.0	Radium-228	1.02	pCi/L		0.693	0.693	1	10-Jul-24	Pace
S240626PPAW6XX01	AW-6	26-Jun-24	Field	DO (Field) Concentration	0.8	mg/L				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	Field	Field Turb	8.02	NTU				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	Field	Redox Potential (Field)	-173	mV				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	Field	Specific Conductance (Field)	1432	umhos/cm				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	Field	Temp (Field)	24.1	Deg.C				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	Field	pH (Field)	4.63	S.U.				1	26-Jun-24	Field
S240626PPAW6XX01	AW-6	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1164	mg/L		3	5	1	28-Jun-24	AD
S240626PPAW6XX01	AW-6	26-Jun-24	Total Radium Calcula	Total Radium	2.22	pCi/L		1.89	1.89	1	11-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Barium	20.4	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Boron	4382.8	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Calcium	141300	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	5.43	ug/L	I	2.79	16.0	1	03-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	03-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.8 TOTAL	Arsenic	0.288	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC

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LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	08-Jul-24	AC
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 245.1	Mercury	0.0310	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 300.0	Chloride	27.3	mg/L		2.5	5.0	1	19-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 300.0	Fluoride	0.028	mg/L	I	0.015	0.050	1	22-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 300.0	Sulfate	363	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 903.1	Radium-226	1.13U	pCi/L	U	1.13	1.13	1	11-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	EPA 904.0	Radium-228	0.838U	pCi/L	U	0.838	0.838	1	10-Jul-24	Pace
S240626PPAW7XX01	AW-7	26-Jun-24	Field	DO (Field) Concentration	0.8	mg/L				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	Field	Field Turb	3.13	NTU				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	Field	Redox Potential (Field)	-313	mV				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	Field	Specific Conductance (Field)	972	umhos/cm				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	Field	Temp (Field)	25.0	Deg.C				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	Field	pH (Field)	6.92	S.U.				1	26-Jun-24	Field
S240626PPAW7XX01	AW-7	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	686	mg/L		3	5	1	28-Jun-24	AD
S240626PPAW7XX01	AW-7	26-Jun-24	Total Radium Calcula	Total Radium	1.97	pCi/L		1.97	1.97	1	11-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Barium	56.9	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Beryllium	0.939	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Boron	337.60	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Calcium	121830	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.8	Lithium	0.42	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.8 TOTAL	Arsenic	2.70	ug/L		0.0384	2.50	1.25	08-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 200.8 TOTAL	Selenium	1.25	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 245.1	Mercury	0.192	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 300.0	Chloride	35.0	mg/L		5.0	10.0	2	19-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 300.0	Fluoride	0.12	mg/L		0.029	0.10	2	22-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 300.0	Sulfate	403	mg/L		25.0	50.0	10	19-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 903.1	Radium-226	2.01	pCi/L		0.995	0.995	1	11-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	EPA 904.0	Radium-228	2.08	pCi/L		0.823	0.823	1	10-Jul-24	Pace
S240626PPAW9XX01	AW-9	26-Jun-24	Field	DO (Field) Concentration	0.4	mg/L				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	Field	Field Turb	4.20	NTU				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	Field	Redox Potential (Field)	-71	mV				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	Field	Specific Conductance (Field)	894	umhos/cm				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	Field	Temp (Field)	22.5	Deg.C				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	Field	pH (Field)	4.49	S.U.				1	26-Jun-24	Field
S240626PPAW9XX01	AW-9	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	586	mg/L		3	5	1	28-Jun-24	AD
S240626PPAW9XX01	AW-9	26-Jun-24	Total Radium Calcula	Total Radium	4.09	pCi/L		1.82	1.82	1	11-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Barium	23.9	ug/L		0.161	20.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Beryllium	1.12	ug/L	I	0.129	2.00	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Boron	6268.8	ug/L		1.54	20.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Calcium	190460	ug/L		12.5	40.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	03-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.8	Lithium	0.47	ug/L	I	0.22	1.0	1	03-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.8 TOTAL	Arsenic	1.09	ug/L	I	0.0384	2.50	1.25	08-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	08-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 200.8 TOTAL	Selenium	1.37	ug/L	I	0.622	2.50	1.25	08-Jul-24	AC
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 245.1	Mercury	0.0320	ug/L	I	0.0225	0.200	1	07-Jul-24	BM
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 300.0	Chloride	41.0	mg/L		5.0	10.0	2	19-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 300.0	Fluoride	0.055	mg/L	I,D3	0.029	0.10	2	22-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 300.0	Sulfate	679	mg/L		50.0	100	20	19-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 903.1	Radium-226	2.90	pCi/L		1.24	1.24	1	11-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	EPA 904.0	Radium-228	1.45	pCi/L		0.672	0.672	1	10-Jul-24	Pace
S240626PPAW10XX01	AW-10	26-Jun-24	Field	DO (Field) Concentration	0.9	mg/L				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	Field	Field Turb	15.3	NTU				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	Field	Redox Potential (Field)	-200	mV				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	Field	Specific Conductance (Field)	1380	umhos/cm				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	Field	Temp (Field)	22.6	Deg.C				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	Field	pH (Field)	4.71	S.U.				1	26-Jun-24	Field
S240626PPAW10XX01	AW-10	26-Jun-24	SM2540 C-2011	Residue, Filterable (TDS)	1114	mg/L		3	5	1	28-Jun-24	AD
S240626PPAW10XX01	AW-10	26-Jun-24	Total Radium Calcula	Total Radium	4.35	pCi/L		1.91	1.91	1	11-Jul-24	Pace

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LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Barium	51.7	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.824	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Boron	1245.5	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Calcium	26476	ug/L		12.5	40.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.8	Lithium	2.4	ug/L	V	0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.8 TOTAL	Arsenic	0.634	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	29-Dec-24	AC
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 300.0	Chloride	10.7	mg/L		2.5	5.0	1	01-Jan-25	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 300.0	Fluoride	0.085	mg/L		0.015	0.050	1	01-Jan-25	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 300.0	Sulfate	289	mg/L		12.5	25.0	5	03-Jan-25	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 903.1	Radium-226	1.58	pCi/L		1.22	1.22	1	10-Jan-25	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	EPA 904.0	Radium-228	0.786	pCi/L		0.761	0.761	1	13-Jan-25	Pace
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	DO (Field) Concentration	0.28	mg/L				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	Field Turb	4.46	NTU				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	Redox Potential (Field)	86.6	mV				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	Specific Conductance (Field)	550	umhos/cm				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	Temp (Field)	22.92	Deg.C				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	Field	pH (Field)	3.81	S.U.				1	16-Dec-24	Field
S241216PPCCR1XX01	CCR 1	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	486	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR1XX01	CCR 1	16-Dec-24	Total Radium Calcula	Total Radium	2.37	pCi/L		1.98	1.98	1	15-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Barium	31.6	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.797	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Boron	663.06	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Calcium	28806	ug/L		12.5	40.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Chromium	2.00	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.8	Lithium	3.0	ug/L		0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.8 TOTAL	Arsenic	0.430	ug/L	I	0.0384	2.50	1.25	30-Dec-24	ZC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.8 TOTAL	Lead	0.188	ug/L	I	0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	29-Dec-24	AC
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 300.0	Chloride	8.6	mg/L		2.5	5.0	1	01-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 300.0	Fluoride	0.096	mg/L		0.015	0.050	1	01-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 300.0	Sulfate	135	mg/L		5.0	10.0	2	03-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 903.1	Radium-226	1.00U	pCi/L	U	1.00	1.00	1	10-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	EPA 904.0	Radium-228	0.934U	pCi/L	U	0.934	0.934	1	13-Jan-25	Pace
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	DO (Field) Concentration	0.20	mg/L				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	Field Turb	15.6	NTU				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	Redox Potential (Field)	-118.56	mV				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	Specific Conductance (Field)	302	umhos/cm				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	Temp (Field)	22.46	Deg.C				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	Field	pH (Field)	3.56	S.U.				1	16-Dec-24	Field
S241216PPCCR2XX01	CCR 2	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	224	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR2XX01	CCR 2	16-Dec-24	Total Radium Calcula	Total Radium	1.93	pCi/L		1.93	1.93	1	15-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Barium	28.1	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.462	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Boron	3591.8	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Calcium	355780	ug/L		62.4	200	5	31-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Chromium	1.14	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.8	Lithium	0.42	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.8 TOTAL	Arsenic	0.368	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.8 TOTAL	Lead	0.0850	ug/L	I	0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 200.8 TOTAL	Selenium	0.690	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 300.0	Chloride	17.0	mg/L		5.0	10.0	2	03-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 300.0	Fluoride	0.18	mg/L		0.029	0.10	2	03-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 300.0	Sulfate	968	mg/L		50.0	100	20	03-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 903.1	Radium-226	1.56U	pCi/L	U	1.56	1.56	1	10-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	EPA 904.0	Radium-228	1.57	pCi/L		0.774	0.774	1	13-Jan-25	Pace
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	DO (Field) Concentration	0.38	mg/L				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	Field Turb	1.25	NTU				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	Redox Potential (Field)	-52.9	mV				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	Specific Conductance (Field)	1383	umhos/cm				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	Temp (Field)	22.38	Deg.C				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	Field	pH (Field)	3.53	S.U.				1	16-Dec-24	Field
S241216PPCCR3XX01	CCR 3	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	1460	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR3XX01	CCR 3	16-Dec-24	Total Radium Calcula	Total Radium	3.13	pCi/L		2.33	2.33	1	15-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Barium	78.5	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.252	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Boron	5591.0	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Calcium	322260	ug/L		62.4	200	5	31-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Chromium	1.32	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	6.00	ug/L	I	2.79	16.0	1	21-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.8	Lithium	0.31	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.8 TOTAL	Arsenic	1.07	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.8 TOTAL	Lead	0.480	ug/L	I	0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 200.8 TOTAL	Selenium	1.91	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC

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LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 300.0	Chloride	27.7	mg/L		5.0	10.0	2	04-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	04-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 300.0	Sulfate	987	mg/L		25.0	50.0	10	01-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 903.1	Radium-226	1.77	pCi/L		1.01	1.01	1	10-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	EPA 904.0	Radium-228	2.41	pCi/L		0.816	0.816	1	13-Jan-25	Pace
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	DO (Field) Concentration	0.26	mg/L				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	Field Turb	74.7	NTU				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	Redox Potential (Field)	-212.8	mV				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	Specific Conductance (Field)	1563	umhos/cm				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	Temp (Field)	23.79	Deg.C				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	Field	pH (Field)	4.80	S.U.				1	16-Dec-24	Field
S241216PPCCR4XX01	CCR 4	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	2075	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR4XX01	CCR 4	16-Dec-24	Total Radium Calcula	Total Radium	4.18	pCi/L		1.83	1.83	1	15-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Barium	44.0	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.174	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Boron	2705.8	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Calcium	327490	ug/L		62.4	200	5	31-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Chromium	2.03	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.8	Lithium	1.2	ug/L	V	0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.8 TOTAL	Arsenic	1.68	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.8 TOTAL	Lead	0.307	ug/L	I	0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 200.8 TOTAL	Selenium	1.36	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 245.1	Mercury	0.100	ug/L	I	0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 300.0	Chloride	19.9	mg/L		5.0	10.0	2	04-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 300.0	Fluoride	0.038	mg/L	I,D3	0.029	0.10	2	04-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 300.0	Sulfate	750	mg/L		50.0	100	20	04-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 903.1	Radium-226	0.988U	pCi/L	U	0.988	0.988	1	10-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	EPA 904.0	Radium-228	1.25	pCi/L		0.891	0.891	1	13-Jan-25	Pace
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	DO (Field) Concentration	2.27	mg/L				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	Field Turb	21.1	NTU				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	Redox Potential (Field)	-194.6	mV				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	Specific Conductance (Field)	1408	umhos/cm				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	Temp (Field)	23.36	Deg.C				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	Field	pH (Field)	5.73	S.U.				1	16-Dec-24	Field
S241216PPCCR5XX01	CCR 5	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	2000	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR5XX01	CCR 5	16-Dec-24	Total Radium Calcula	Total Radium	2.24	pCi/L		1.88	1.88	1	15-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Barium	43.6	ug/L		0.161	20.0	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Beryllium	0.176	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Boron	2602.3	ug/L		1.54	20.0	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Calcium	330180	ug/L		62.4	200	5	31-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Chromium	2.66	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.8	Lithium	0.97	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.8 TOTAL	Arsenic	1.68	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.8 TOTAL	Lead	0.487	ug/L	I	0.0793	0.625	1.25	29-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 200.8 TOTAL	Selenium	1.36	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 300.0	Chloride	18.3	mg/L		5.0	10.0	2	04-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	04-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 300.0	Sulfate	789	mg/L		25.0	50.0	10	01-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 903.1	Radium-226	0.859U	pCi/L	U	0.859	0.859	1	10-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	EPA 904.0	Radium-228	1.15	pCi/L		0.719	0.719	1	13-Jan-25	Pace
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	DO (Field) Concentration	2.27	mg/L				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	Field Turb	21.1	NTU				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	Redox Potential (Field)	-194.6	mV				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	Specific Conductance (Field)	1408	umhos/cm				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	Temp (Field)	23.36	Deg.C				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Field	pH (Field)	5.73	S.U.				1	16-Dec-24	Field
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	1520	mg/L		3	5	1	20-Dec-24	JACY
S241216PPCCR5XX02	CCR 5 DUP	16-Dec-24	Total Radium Calcula	Total Radium	2.01	pCi/L		1.58	1.58	1	15-Jan-25	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Barium	5.65	ug/L	I	0.161	20.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Boron	15.4	ug/L	I	1.54	20.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Calcium	69838	ug/L		12.5	40.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Chromium	1.33	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	7.28	ug/L	I	2.79	16.0	1	21-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.8	Lithium	1.3	ug/L	V	0.22	1.0	1	24-Dec-24	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.8 TOTAL	Arsenic	0.667	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 200.8 TOTAL	Selenium	1.06	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 245.1	Mercury	0.0510	ug/L	I	0.0225	0.200	1	30-Dec-24	BM
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 300.0	Chloride	13.5	mg/L		2.5	5.0	1	31-Dec-24	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 300.0	Fluoride	0.098	mg/L		0.015	0.050	1	31-Dec-24	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 300.0	Sulfate	11.3	mg/L		2.5	5.0	1	31-Dec-24	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 903.1	Radium-226	1.21U	pCi/L	U	1.21	1.21	1	10-Jan-25	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	EPA 904.0	Radium-228	0.713U	pCi/L	U	0.713	0.713	1	13-Jan-25	Pace
S241217PPCCRFBFB01	CCR Field Blank	17-Dec-24	Total Radium Calcula	Total Radium	1.92	pCi/L		1.92	1.92	1	15-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Barium	55.8	ug/L		0.161	20.0	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Boron	31773	ug/L		7.68	100	5	31-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Calcium	412590	ug/L		62.4	200	5	31-Dec-24	AC

DECEMBER 2024 SEMI-ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	6.85	ug/L	I	2.79	16.0	1	21-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.8	Lithium	0.32	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.8 TOTAL	Arsenic	0.516	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 200.8 TOTAL	Selenium	4.99	ug/L		0.622	2.50	1.25	29-Dec-24	AC
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 300.0	Chloride	281	mg/L		12.5	25.0	5	03-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	03-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 300.0	Sulfate	2060	mg/L		125	250	50	03-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 903.1	Radium-226	2.82	pCi/L		1.08	1.08	1	10-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	EPA 904.0	Radium-228	3.78	pCi/L		0.698	0.698	1	13-Jan-25	Pace
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	DO (Field) Concentration	0.33	mg/L				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	Field Turb	5.63	NTU				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	Redox Potential (Field)	-233.9	mV				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	Specific Conductance (Field)	4208	umhos/cm				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	Temp (Field)	22.69	Deg.C				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	Field	pH (Field)	6.08	S.U.				1	17-Dec-24	Field
S241217PPCCR6XX01	CCR 6	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	3660	mg/L		3	5	1	20-Dec-24	JACY
S241217PPCCR6XX01	CCR 6	17-Dec-24	Total Radium Calcula	Total Radium	6.60	pCi/L		1.78	1.78	1	15-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Barium	81.3	ug/L		0.161	20.0	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Boron	25544	ug/L		7.68	100	5	31-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Calcium	306600	ug/L		62.4	200	5	31-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Chromium	4.31	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.8	Lithium	0.56	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.8 TOTAL	Arsenic	0.784	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 200.8 TOTAL	Selenium	7.12	ug/L		0.622	2.50	1.25	29-Dec-24	AC
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 245.1	Mercury	0.0450 U	ug/L		0.0450	0.400	2	30-Dec-24	BM
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 300.0	Chloride	409	mg/L		12.5	25.0	5	03-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	03-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 300.0	Sulfate	1580	mg/L		50.0	100	20	03-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 903.1	Radium-226	2.65	pCi/L		1.20	1.20	1	10-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	EPA 904.0	Radium-228	6.96	pCi/L		0.954	0.954	1	13-Jan-25	Pace
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	DO (Field) Concentration	0.90	mg/L				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	Field Turb	9.93	NTU				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	Redox Potential (Field)	-234.5	mV				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	Specific Conductance (Field)	3677	umhos/cm				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	Temp (Field)	22.71	Deg.C				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	Field	pH (Field)	5.80	S.U.				1	17-Dec-24	Field
S241217PPCCR7XX01	CCR 7	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	4750	mg/L		3	5	1	20-Dec-24	JACY
S241217PPCCR7XX01	CCR 7	17-Dec-24	Total Radium Calcula	Total Radium	9.61	pCi/L		2.15	2.15	1	15-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Barium	27.2	ug/L		0.161	20.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.298	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Boron	5150.4	ug/L		1.54	20.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Calcium	177750	ug/L		12.5	40.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Chromium	0.929	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.8	Lithium	0.38	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.8 TOTAL	Arsenic	0.922	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 200.8 TOTAL	Selenium	0.757	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 300.0	Chloride	35.1	mg/L		5.0	10.0	2	03-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	03-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 300.0	Sulfate	595	mg/L		25.0	50.0	10	03-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 903.1	Radium-226	0.911U	pCi/L	U	0.911	0.911	1	10-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	EPA 904.0	Radium-228	0.816U	pCi/L	U	0.816	0.816	1	13-Jan-25	Pace
S241217PPAW6XX01	AW-6	17-Dec-24	Field	DO (Field) Concentration	0.43	mg/L				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	Field	Field Turb	11.2	NTU				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	Field	Redox Potential (Field)	-181.1	mV				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	Field	Specific Conductance (Field)	1038	umhos/cm				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	Field	Temp (Field)	24.36	Deg.C				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	Field	pH (Field)	4.25	S.U.				1	17-Dec-24	Field
S241217PPAW6XX01	AW-6	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	850	mg/L		3	5	1	20-Dec-24	JACY
S241217PPAW6XX01	AW-6	17-Dec-24	Total Radium Calcula	Total Radium	1.73	pCi/L		1.73	1.73	1	15-Jan-25	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Barium	19.9	ug/L	I	0.161	20.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.129 U	ug/L		0.129	2.00	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Boron	3389.2	ug/L		1.54	20.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Calcium	104990	ug/L		12.5	40.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	9.82	ug/L	I	2.79	16.0	1	21-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.8	Lithium	0.22	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.8 TOTAL	Arsenic	2.96	ug/L		0.0384	2.50	1.25	29-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 200.8 TOTAL	Selenium	0.728	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 245.1	Mercury	0.0270	ug/L	I	0.0225	0.200	1	30-Dec-24	BM
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 300.0	Chloride	16.9	mg/L		2.5	5.0	1	03-Jan-25	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 300.0	Fluoride	0.028	mg/L	I	0.015	0.050	1	03-Jan-25	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 300.0	Sulfate	208	mg/L		12.5	25.0	5	03-Jan-25	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 903.1	Radium-226	0.907U	pCi/L	U	0.907	0.907	1	10-Jan-25	Pace

DECEMBER 2024 SEMI-ANNUAL ASSESSMENT MONITORING EVENT

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S241217PPAW7XX01	AW-7	17-Dec-24	EPA 904.0	Radium-228	0.892U	pCi/L	U	0.892	0.892	1	13-Jan-25	Pace
S241217PPAW7XX01	AW-7	17-Dec-24	Field	DO (Field) Concentration	0.43	mg/L				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	Field	Field Turb	3.91	NTU				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	Field	Redox Potential (Field)	-288.3	mV				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	Field	Specific Conductance (Field)	643	umhos/cm				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	Field	Temp (Field)	23.74	Deg.C				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	Field	pH (Field)	7.22	S.U.				1	17-Dec-24	Field
S241217PPAW7XX01	AW-7	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	496	mg/L		3	5	1	20-Dec-24	JACY
S241217PPAW7XX01	AW-7	17-Dec-24	Total Radium Calcula	Total Radium	1.80	pCi/L		1.80	1.80	1	15-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Barium	49.5	ug/L		0.161	20.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.849	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Boron	438.08	ug/L		1.54	20.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Calcium	120960	ug/L		12.5	40.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Chromium	1.31	ug/L	I	0.766	16.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.8	Lithium	0.57	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.8 TOTAL	Arsenic	0.284	ug/L	I	0.0384	2.50	1.25	29-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 200.8 TOTAL	Selenium	0.622 U	ug/L		0.622	2.50	1.25	29-Dec-24	AC
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 300.0	Chloride	34.3	mg/L		2.5	5.0	1	03-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 300.0	Fluoride	0.051	mg/L		0.015	0.050	1	03-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 300.0	Sulfate	358	mg/L		25.0	50.0	10	03-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 903.1	Radium-226	0.997U	pCi/L	U	0.997	0.997	1	10-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	EPA 904.0	Radium-228	1.43	pCi/L		0.698	0.698	1	13-Jan-25	Pace
S241217PPAW9XX01	AW-9	17-Dec-24	Field	DO (Field) Concentration	0.87	mg/L				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	Field	Field Turb	4.11	NTU				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	Field	Redox Potential (Field)	-118.6	mV				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	Field	Specific Conductance (Field)	723	umhos/cm				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	Field	Temp (Field)	21.77	Deg.C				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	Field	pH (Field)	4.46	S.U.				1	17-Dec-24	Field
S241217PPAW9XX01	AW-9	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	607	mg/L		3	5	1	20-Dec-24	JACY
S241217PPAW9XX01	AW-9	17-Dec-24	Total Radium Calcula	Total Radium	2.43	pCi/L		1.70	1.70	1	15-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Barium	23.7	ug/L		0.161	20.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Beryllium	0.473	ug/L	I	0.129	2.00	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Boron	5030.3	ug/L		1.54	20.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Cadmium	0.501 U	ug/L		0.501	4.00	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Calcium	142590	ug/L		12.5	40.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Chromium	0.766 U	ug/L		0.766	16.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Cobalt	1.49 U	ug/L		1.49	20.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.7 TOTAL	Molybdenum	2.79 U	ug/L		2.79	16.0	1	21-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.8	Lithium	0.41	ug/L	I,V	0.22	1.0	1	24-Dec-24	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.8 TOTAL	Arsenic	1.95	ug/L	I	0.0384	2.50	1.25	30-Dec-24	ZC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.8 TOTAL	Lead	0.0793 U	ug/L		0.0793	0.625	1.25	29-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 200.8 TOTAL	Selenium	0.996	ug/L	I	0.622	2.50	1.25	29-Dec-24	AC
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 245.1	Mercury	0.0225 U	ug/L		0.0225	0.200	1	30-Dec-24	BM
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 300.0	Chloride	29.7	mg/L		2.5	5.0	1	03-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 300.0	Fluoride	0.053	mg/L		0.015	0.050	1	03-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 300.0	Sulfate	437	mg/L		25.0	50.0	10	03-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 903.1	Radium-226	2.03	pCi/L		0.897	0.897	1	10-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	EPA 904.0	Radium-228	0.770U	pCi/L	U	0.770	0.770	1	13-Jan-25	Pace
S241217PPAW10XX01	AW-10	17-Dec-24	Field	DO (Field) Concentration	0.39	mg/L				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	Field	Field Turb	13.0	NTU				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	Field	Redox Potential (Field)	-200.2	mV				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	Field	Specific Conductance (Field)	869	umhos/cm				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	Field	Temp (Field)	21.58	Deg.C				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	Field	pH (Field)	4.74	S.U.				1	17-Dec-24	Field
S241217PPAW10XX01	AW-10	17-Dec-24	SM2540 C-2011	Residue, Filterable (TDS)	733	mg/L		3	5	1	20-Dec-24	JACY
S241217PPAW10XX01	AW-10	17-Dec-24	Total Radium Calcula	Total Radium	2.80	pCi/L		1.67	1.67	1	15-Jan-25	Pace