REPORT

2022 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Byproduct Storage Area B

St. Johns River Power Park

Jacksonville, Florida

Submitted to:

JEA / SJRPP

21 West Church Street

Jacksonville, FL 32202 USA

Submitted by:

WSP USA Inc.

15851 South US 27, Suite 50

Lansing, MI 48906 USA

+1 517 482 2262

GL9124481.000

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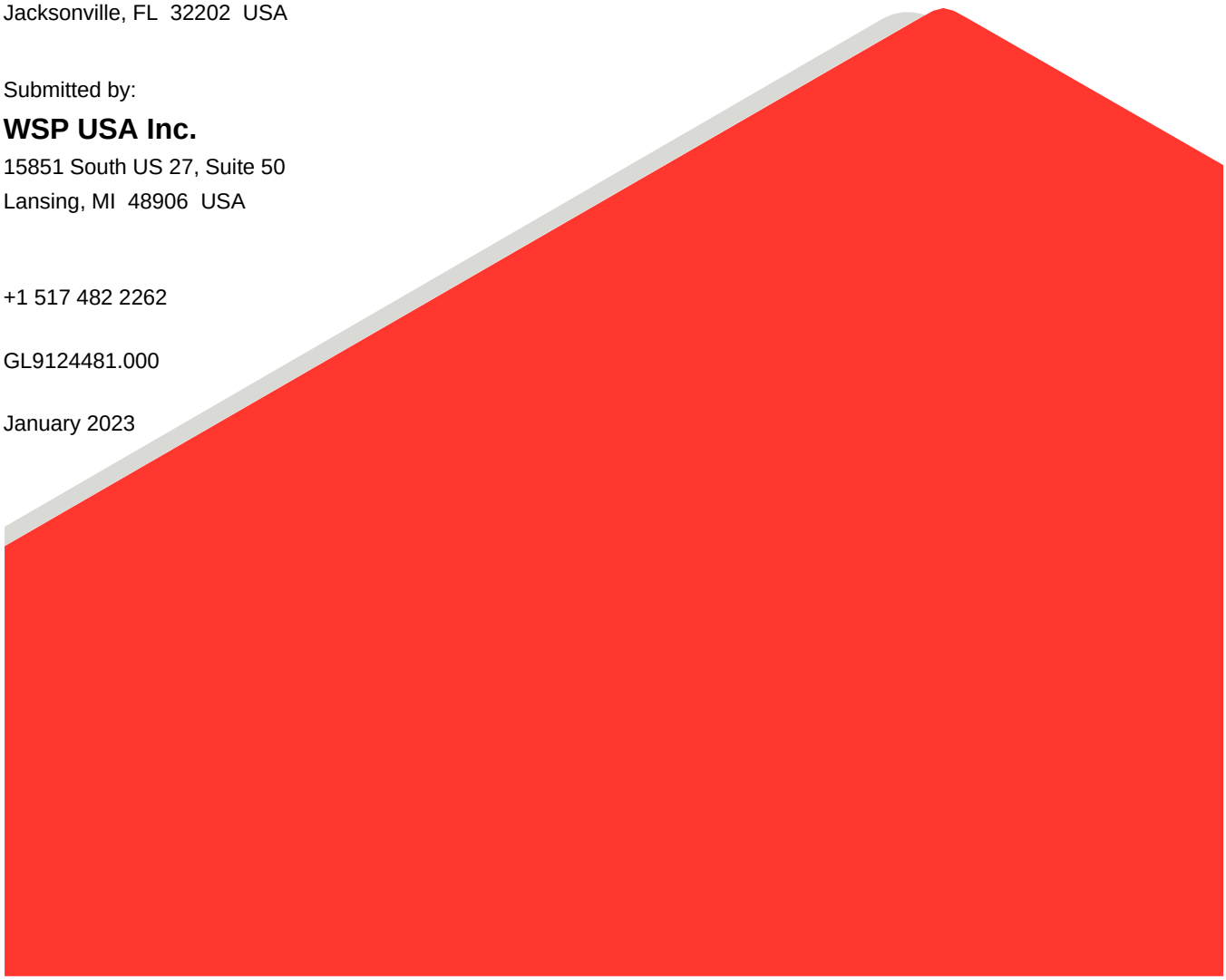

Distribution List

JEA

Executive Summary

Pursuant to the Coal Combustion Residual (CCR) Rule[1], this Annual Groundwater Monitoring and Corrective Action report has been prepared for the Byproduct Storage Area B (BSA-B) at the St. Johns River Power Park (SJRPP) on behalf of JEA. This Annual Report has been prepared to meet the requirements of §257.90(e).

Pursuant to §257.94(b), JEA initiated background monitoring (the collection of a minimum of eight independent samples before October 2017) in November 2015 and completed it in June 2017. Detection monitoring for Appendix III constituents was initiated in October 2017. A statistical analysis of the October 2017 sampling data and subsequent verification sampling in December 2017, identified statistically significant increases (SSIs) for boron, calcium, chloride, fluoride, sulfate, and total dissolved solids in groundwater samples from downgradient monitoring wells.

Based on the SSI determination in January 2018, an assessment monitoring program was established in March 2018 in accordance with §257.94(e)(1). 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.

In October 2018, a statistical analysis of Appendix IV results from downgradient wells indicated that radium 226+228 was at a statistically significant level above the groundwater protection standards for the site at one monitoring well (CCR-6). The assessment of corrective measures was initiated on January 13, 2019, and finalized on June 12, 2019.

In May 2020, a statistical analysis of Appendix IV results from downgradient wells indicated that radium 226+228 was at a statistically significant level above the groundwater protection standards for the site at one additional monitoring well (CCR-7). A subsequent statistical analysis of the downgradient well Appendix IV results in September 2020, identified molybdenum at a statistically significant level above the groundwater protection standard at monitoring well CCR-6. 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.

JEA held a public meeting in accordance with §257.96(e) 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.

On January 4, 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.

[1] 40 Code of Federal Regulations Part 257 (40 CFR 257), Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, Published in Federal Register / Vol. 80, No. 74, April 17, 2015.

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1.0 INTRODUCTION

Pursuant to the Coal Combustion Residual (CCR) Rule, this Annual Groundwater Monitoring and Corrective Action report has been prepared for the Byproduct Storage Area B (BSA-B) at the St. Johns River Power Park (SJRPP) on behalf of JEA. This Annual Report has been prepared to meet the requirements of §257.90(e).

1.1 Site Information and Background

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

1.2 Site Hydrogeology

The main hydrogeologic units at BSA-B are an unconfined surficial aquifer system and the Floridan aquifer system (Golder 2007 and Geosyntec 2013). The surficial aquifer system, which is the uppermost water-bearing unit at BSA-B, is subdivided into three zones: 1) upper, 2) intermediate, and 3) deep zones. The underlying Hawthorn Group (generally encountered at about 98 to 106 feet below ground surface at BSA-B) consists of low-permeability sediments (i.e., silty clays, clayey silts, and sandy clays) that are confining units for the deeper Floridan aquifer. The upper zone of the surficial aquifer is the most transmissive zone of the surficial aquifer (Golder 2007). The prevailing directions of groundwater flow in the upper zone of the surficial aquifer are generally from the northwest to east with southeastern components of flow. The groundwater flow velocity is approximately 17 feet/per year. The average hydraulic conductivity, of the upper zone of the surficial aquifer, determined from slug tests of monitoring wells, is approximately 5 feet/day.

1.3 CCR Groundwater Monitoring Well Network

The CCR groundwater monitoring network for BSA-B at SJRPP consists of three background monitoring wells (CCR-1, CCR-2, and CCR-3) and four downgradient monitoring wells (CCR-4, CCR-5, CCR-6, and CCR-7) (Golder 2017a). Background and downgradient monitoring wells have been installed with screen intervals in the upper zone of the surficial aquifer (total depth of approximately 20 feet below ground surface). The background wells (CCR-1, CCR-2, and CCR-3) are located such that they represent background groundwater quality that has not been affected by a CCR unit and represent groundwater quality in the same zone as the downgradient monitoring wells. Downgradient monitoring wells (CCR-4 through CCR-7) have been installed as close as practical to the waste boundary to accurately represent the quality of groundwater passing the waste boundary. The monitoring wells have been encased in a manner that maintains the integrity of the monitoring well borehole. CCR groundwater monitoring well locations (CCR-1 through CCR-7) are shown on **Figure 2** and monitoring well construction data are provided in **Table 1**.

The corrective action groundwater monitoring network (also referred to as the Monitored Natural Attenuation (MNA) groundwater monitoring network) includes wells AW-6, AW-7, AW-9, and AW-10 in addition to the above-mentioned CCR-series wells. Additional monitoring points (piezometers) were installed downgradient of BSA-B as part of the nature and extent evaluation. Piezometers were constructed during standard monitoring well procedures. MNA groundwater monitoring locations and piezometer locations are shown on **Figure 2** and construction details are provided in **Table 1**.

Table 1: Summary of Monitoring Well and Piezometer Construction Details

Well ID	Date Installed	Northing (ft NAD83)	Easting (ft NAD83)	Ground Surface Elevation (ft NAVD88)	TOC Elevation (ft NAVD88)	Stick-up Height (feet)	Well Depth (ft bgs)	Screen Interval Depth (ft bgs)
CCR-1	10/20/2015	2221016.34	485450.08	13.37	16.58	3.21	19.79	9.79-19.79
CCR-2	10/20/2015	2222219.71	485292.98	14.45	18.06	3.61	19.49	9.49-19.49
CCR-3	10/20/2015	2222897.83	485087.81	14.22	17.74	3.52	19.78	9.78-19.78
CCR-4	10/21/2015	2221065.31	486365.39	17.87	20.73	2.86	20.84	10.84-20.84
CCR-5	10/21/2015	2221064.27	486865.44	15.44	18.29	2.85	20.35	10.35-20.35
CCR-6	10/21/2015*	2221456.13	487055.97	13.08	16.03	3.0	20.1	10.1-20.1
CCR-7	10/22/2015	2221887.42	487053.83	12.44	15.72	3.28	20.12	10.12-20.12
AW-1[1]	11/29/2018	2221266.24	487136.19	14.4	17.16	2.76	20.24	10.24-20.24
AW-2[1]	11/29/2018	2221416.04	487138.12	13.3	16.14	2.84	20.16	10.16-20.16
AW-3[1]	11/30/2018	2221699.22	487139.98	11.8	14.46	2.66	20.34	10.34-20.34
AW-4[1]	2/8/2019	2221703.97	487052.84	10.5	13.49	2.99	20.01	10.01-20.01
AW-5[1]	2/7/2019	2221677.18	487248.41	10.6	13.46	2.86	20.14	10.14-20.14
AW-6	2/7/2019	2221371.74	487620.88	10.8	13.76	2.96	20.04	10.04-20.04
AW-7	2/7/2019	2221217.37	488105.81	10.2	13.17	2.97	20.03	10.03-20.03
AW-8[1]	10/21/2019	2221898.38	487253.86	10.7	13.16	2.42	20.1	10.08-20.08
AW-9	5/21/2020	2221969.03	487506.26	9.4	12.16	2.81	20.3	10.27-20.27
AW-10	4/1/2022	2221225.67	488297.57	7.1	10.20	3.13	20.4	10.37-20.37

Notes:
1 – Piezometers were installed as part of the characterization required by §257.95(g)(1).
* - Well CCR-6 was repaired 7/29/2020 and resurveyed on 8/6/2020.
TOC - Top of Casing
ft bgs - feet below ground surface
ft TOC - feet below top of casing
NAD83 - Horizontal Control: North American Datum, State Plan Coordinate System Florida, East Zone
NAVD88 - Vertical Control: North American Vertical Datum of 1988

2.0 CCR GROUNDWATER MONITORING ACTIVITIES

A statistically significant increase (SSI) analysis of the detection monitoring event performed on October 11, 2017, indicated several SSIs of Appendix III constituents for downgradient wells above background concentrations (Golder 2018a). The SSI determination was made on January 15, 2018. Pursuant to §257.94(e)(1), an assessment monitoring program was established for BSA-B in March 2018. The initial annual assessment monitoring event was conducted on March 26, 2018, and subsequent semi-annual assessment monitoring events were conducted on June 27, 2018, and December 19, 2018.

A statistical analysis of the assessment monitoring results from June 2018 indicated that radium 226+228 was at a statistically significant level (SSL) above the groundwater protection standard (GWPS) at CCR-6 (Golder 2018c). Assessment of corrective measures was initiated on January 13, 2019, in accordance with §257.96 (Golder 2019a) and completed on June 12, 2019 (Golder 2019c).

A statistical analysis of the assessment monitoring results from December 2019 indicated that radium 226+228 was at a SSL above the GWPS at CCR-7 (Golder 2020b). A subsequent statistical analysis of the assessment monitoring results from June 2020 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 on December 1, 2020, in accordance with §257.96 (Golder 2020d). JEA held a public meeting to discuss the results of the assessment of corrective measures and the assessment of corrective measures addendum on December 17, 2020. A combination of source control (closure of BSA-B) and monitored natural attenuation was selected as the remedy to address groundwater impacts at BSA-B on January 4, 2022 (WSP Golder 2022a). The Corrective Action Groundwater Monitoring Program, prepared pursuant to §257.98(a)(1), was established in March 2022 (WSP Golder 2022d).

Pursuant to §257.90(e), the following sections describe the groundwater monitoring activities performed during the preceding calendar year.

2.1 Monitoring Well Installation and Decommissioning

In accordance with the Corrective Action Groundwater Monitoring Program (WSP Golder 2022d), one additional monitoring well was installed further downgradient from AW-7. Monitoring well AW-10 was installed on April 1, 2022 (WSP Golder 2022e). The well was constructed using standard monitoring well procedures and was installed with the screen interval in the upper zone of the surficial aquifer, consistent with other AW- and CCR-series wells.

2.2 Groundwater Sampling Activities

The groundwater sampling activities related to the CCR groundwater monitoring program for BSA-B that occurred during 2022 are described in the sections below.

2.2.1 Assessment Monitoring

The fifth annual assessment monitoring event was conducted on March 14-15, 2022, and subsequent semi-annual assessment monitoring events were conducted on June 21-22, 2022, and December 8, 2022. Assessment monitoring laboratory analytical data is summarized in Tables A-1 to A-3 in **Appendix A.**

During the annual assessment monitoring event, samples were collected from the CCR groundwater monitoring well network (CCR-1 through CCR-7) and analyzed for all Appendix IV constituents in accordance with §257.95(a).

During the subsequent semi-annual assessment monitoring events in June and December 2022, samples were collected from the CCR groundwater monitoring well network (CCR-1 through CCR-7) and analyzed for all

Appendix III constituents and detected Appendix IV constituents from the annual monitoring event (all Appendix IV constituents other than cadmium and thallium).

Laboratory analytical results are provided in **Appendix B**.

2.2.2 Corrective Action Monitoring

Corrective action groundwater samples were collected semi-annually during the routine assessment monitoring events in June and December 2022 from the MNA network wells (AW-6, AW-7, AW-9, and AW-10). Samples were analyzed for all Appendix III constituents and detected Appendix IV constituents from the annual monitoring event (all Appendix IV constituents other than cadmium and thallium).

Additionally, a characterization sampling was performed during the annual monitoring event in March 2022. Samples were collected from AW-5, AW-6, AW-7, AW-8, and AW-9 and were analyzed for molybdenum and radium 226+228.

Laboratory analytical results are provided in **Appendix B**.

2.3 Groundwater Sampling Methodology

CCR groundwater sampling at BSA-B was performed in accordance with §257.93(a). The monitoring wells were purged and sampled using low-flow sampling techniques (Golder 2015). Before purging, the depth to water level was measured for each well using an electronic water level indicator. The monitoring wells were purged and sampled using dedicated low-flow pneumatic bladder pumps or peristaltic pumps (AW-series). Calibrated water quality meters were 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 were collected and placed into iced coolers under chain-of-custody control pending delivery to the laboratory. Following sample collection, the samples were delivered to the JEA Springfield laboratory for analysis. The JEA laboratory sent select samples to Pace Analytical Services, LLC for analysis.

3.0 CCR GROUNDWATER DATA EVALUATION

3.1 Groundwater Flow Rate and Direction

Groundwater elevation measurements were recorded for the CCR groundwater monitoring network during each sampling event at BSA-B. A summary of the groundwater elevations recorded for the background and detection monitoring events is provided in **Table 2**. Groundwater elevation data was used to develop potentiometric surface maps for the assessment monitoring events in March 2022, June 2022, and December 2022 (**Figures 3** through **Figure 5**, respectively). The hydraulic gradient (direction and magnitude) for each sampling event was calculated using the least-squares method of fitting the data to a plane. The average hydraulic gradient was 0.0021 feet per feet with an average eastward direction. A summary of the hydraulic gradients for each sampling event is provided in **Table 2**.

Table 2: Summary of Groundwater Elevation Measurements

Well ID	14 March 2022		21 June 2022		8 December 2022	
	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	6.62	9.96	6.78	9.80	6.50	10.08
CCR-2	6.68	11.38	7.57	10.49	7.35	10.71
CCR-3	5.30	12.44	7.38	10.36	7.02	10.72
CCR-4	11.33	9.40	11.18	9.55	11.84	8.89
CCR-5	10.45	7.84	11.32	6.97	11.18	7.11
CCR-6	9.24	6.83	9.16	6.91	9.41	6.66
CCR-7	8.43	7.29	8.15	7.57	9.11	6.61
AW-5	6.79	6.67	7.51	5.95	NM	NM
AW-6	7.37	6.39	7.79	5.97	7.85	5.91
AW-7	7.08	6.09	7.76	5.41	7.73	5.44
AW-8	6.41	6.75	7.16	6.00	NM	NM
AW-9	5.16	7.00	6.80	5.36	6.67	5.49
AW-10	NM	NM	6.41	3.79	6.07	4.13
Hydraulic Gradient (ft/ft)	2.01×10^{-3}		2.13×10^{-3}		2.11×10^{-3}	
Flow Direction (degrees from N)	102.17		78.68		83.08	
Coefficient of Determination	0.931		0.914		0.977	

Notes:
Hydraulic Gradient calculated using the least squares method of fitting data to a plane
ft/ft - feet per foot
degrees from N - degrees from north in a clockwise direction
NM - not measured
ft TOC - feet below top of casing

3.2 Groundwater Protection Standards

The CCR Rule requires the establishment of GWPS for any Appendix IV constituent that is detected in downgradient monitoring wells (§257.95(d)(2) and §257.95(h)). During the fifth annual groundwater sampling event in March 2022, all Appendix IV parameters other than cadmium and thallium were detected. The following GWPS have been established for BSA-B:

Table 3: Groundwater Protection Standards

Parameter	BSA-B GWPS	Basis
Antimony	6 µg/L	MCL
Arsenic	10 µg/L	MCL
Barium	2000 µg/L	MCL
Beryllium	4 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

MCL = Federal maximum contaminant level per §141.62 and §141.66.

3.3 Assessment Monitoring Statistical Analysis

The goal of the assessment monitoring program is to determine if downgradient monitoring well concentrations are at statistically significant levels (SSL) relative to the GWPS. The statistical analysis was performed in accordance with the Statistical Analysis Plan for CCR Groundwater Monitoring (Golder 2017b).

This assessment monitoring statistical analysis has been limited to those wells and parameters that had a maximum concentration above the GWPS. Given that BSA-B is an existing unlined facility and there was no evidence of a shift in the constituent results from a well, the Appendix IV data from the background period as well as assessment monitoring was used to calculate the lower confidence limit (LCL) at a 95% confidence level.

Appendix IV groundwater data collected during the background monitoring period was presented in the previous annual groundwater reports (Golder 2018b, Golder 2019b, Golder 2020a, Golder 2021a, WSP Golder 2022b).

3.3.1 December 2021 Monitoring Event Statistical Analysis Evaluation

The updated statistical analysis of the results from the December 2021 semi-annual assessment monitoring event is summarized below:

Table 4: December 2021 Statistical Evaluation Summary

Parameter	Well ID	LCL	Method
Antimony	CCR-4	1.62 µg/L	The confidence interval around arithmetic mean
Arsenic	CCR-4	0.167 µg/L	Confidence band around linear regression trend line
Beryllium	CCR-4	1.32 µg/L	The confidence interval around arithmetic mean
Beryllium	CCR-5	0.75 µg/L	Non-parametric confidence band around Theil-Sen trend line
Molybdenum	CCR-6	39.8 µg/L	Non-parametric confidence band around Theil-Sen trend line (truncated dataset)
Radium 226+228	CCR-4	3.399 pCi/L	Confidence band around the linear regression trend line
Radium 226+228	CCR-6	-0.095 pCi/L	Non-parametric confidence band around Theil-Sen trend line
Radium 226+228	CCR-7	6.28 pCi/L	The confidence interval around normal mean (truncated dataset)
Selenium	CCR-4	5.49 µg/L	The confidence interval around arithmetic mean

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

3.3.2 June 2022 Monitoring Event Statistical Analysis Evaluation

The updated statistical analysis of the results from the June 2022 semi-annual assessment monitoring event is summarized below:

Table 5: June 2022 Statistical Evaluation Summary

Parameter	Well ID	LCL	Method
Antimony	CCR-4	1.54 µg/L	The confidence interval around arithmetic mean
Arsenic	CCR-4	-0.40 µg/L	Confidence band around linear regression trend line
Beryllium	CCR-4	1.26 µg/L	The confidence interval around arithmetic mean
Beryllium	CCR-5	0.542 µg/L	Non-parametric confidence band around Theil-Sen trend line
Molybdenum	CCR-6	18.8 µg/L	Non-parametric confidence band around Theil-Sen trend line (truncated dataset)
Radium 226+228	CCR-4	3.883 pCi/L	Confidence band around linear regression trend line
Radium 226+228	CCR-6	-0.051 pCi/L	Non-parametric confidence band around Theil-Sen trend line
Radium 226+228	CCR-7	6.37 pCi/L	The confidence interval around normal mean (truncated dataset)
Selenium	CCR-4	5.43 µg/L	The confidence interval around arithmetic mean

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

4.0 CORRECTIVE ACTION

A combination of source control (closure of BSA-B) and MNA was selected as the remedy to address the groundwater impacts at BSA-B.

Source control measures will reduce or eliminate further releases to groundwater from BSA-B. Closure construction of BSA-B was initiated in December 2020 and was completed in January 2022 (WSP Golder 2022c).

4.1 Remedy Implementation

MNA is a remedial measure that relies on a range of natural processes, including physical and chemical, to reduce groundwater contamination concentrations. Golder performed an evaluation of MNA to address radium 226+228 and molybdenum impacts at BSA-B (WSP Golder 2022a).

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

In accordance with §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
- All actions required to complete the remedy are complete.

4.2 Corrective Action Groundwater Data Evaluation

Pursuant to the corrective action monitoring program, the effectiveness of the remedy will be assessed by the continued statistical evaluation of radium and molybdenum concentrations in CCR wells with respect to GWPS, evaluation of long-term trends of radium 226+228 and molybdenum in CCR and MNA monitoring wells, and periodic evaluation of general geochemical parameters (not conducted in 2022).

4.2.1 Molybdenum

Molybdenum was noted at an SSL above the GWPS at CCR-6 based on the statistical analysis of the assessment monitoring results from June 2020. No SSLs for molybdenum at CCR-series wells were identified in 2022. Molybdenum concentrations have been less than the GWPS at CCR-6 since June 2021 and a statistically significant decreasing trend was identified for molybdenum at CCR-6 using a truncated data set (post-concentration shift noted in June 2019). No detections above the GWPS have been noted in the MNA groundwater network. These results indicate that attenuation of molybdenum is occurring at BSA-B and the molybdenum plume is stable or shrinking at BSA-B.

4.2.2 Radium 226+228

Radium 226+228 was noted at a SSL above the GWPS at CCR-6 in October 2018 and CCR-7 in May 2020.

- Radium 226+228 concentrations at CCR-6 were below the GWPS from October 2019 through December 2019. Recent concentrations of radium 226+228 at CCR-6 were at or above the GWPS in March 2022 and June 2022; however, there is a statistically significant decreasing trend in radium 226+228 concentrations for CCR-6.

- Radium 226+228 concentrations at CCR-7 are still noted at a SSL above the GWPS. CCR-7 radium 226+228 concentrations have an increased overall trend; however, concentrations appear to be stabilizing (no statistically significant trend was identified in the last 16 sampling events).
- No statistically significant trends were identified in the MNA network monitoring wells (AW-6, AW-7, AW-9, and AW-10) for radium 226+228. Radium 226+228 concentrations in the MNA network wells were less than the GWPS except for detections in March 2022 at AW-7 and June 2022 at AW-10.

These radium 226+228 results indicate that in general, the radium 226+228 plume is stable (no MNA network monitoring wells trends) or shrinking (CCR-6 decreasing trend); however, additional sampling and data evaluation is necessary to assess the effectiveness of the attenuation processes.

5.0 CONCLUSIONS AND RECOMMENDATIONS

In accordance with §257.98(a), JEA has implemented remedial activities which included establishing and implementing a corrective action groundwater monitoring program and implementing the selected remedy.

Assessment monitoring will continue during remedy implementation. The sixth annual assessment monitoring event will be performed in March 2023. The subsequent semi-annual assessment monitoring events will be performed in June 2023 and December 2023.

The corrective action monitoring program will continue in order to verify that the selected remedy is achieving the remedial objectives. Corrective action groundwater samples will be collected semi-annually during assessment monitoring events in June 2023 and December 2023. Additional monitoring may be conducted as part of the corrective action groundwater monitoring program.

6.0 REFERENCES

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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.

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.

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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.

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WSP USA Inc.

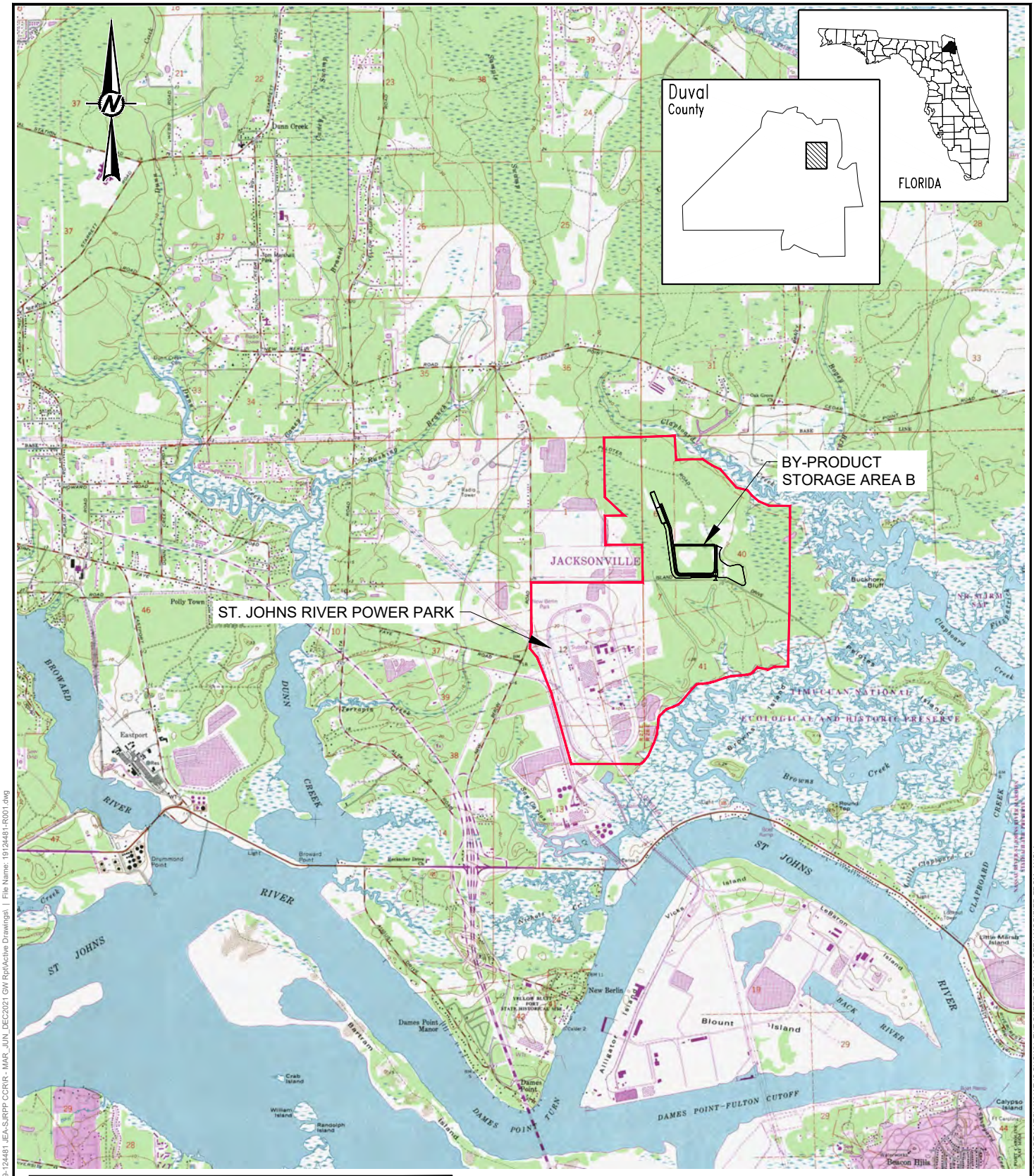
Samuel F. Stafford, PE
Lead Consultant

Donald J. Miller
Senior Vice President

SFS/DJM/ams

https://golderassociates.sharepoint.com/sites/110243/Project Files/6 Deliverables/Annual GW Report/2022/Final/SJRPP 2022 Annual GW Report.docx

FIGURES



REFERENCE(S)

1.) USGS TOPOGRAPHIC MAP, 7.5 MIN. QUADRANGLE MAP SERIES: EASTPORT QUADRANGLE, DUVAL COUNTY, FLORIDA.

0 2500 5000
SCALE FEET

CLIENT
JEA

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-01-23
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

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

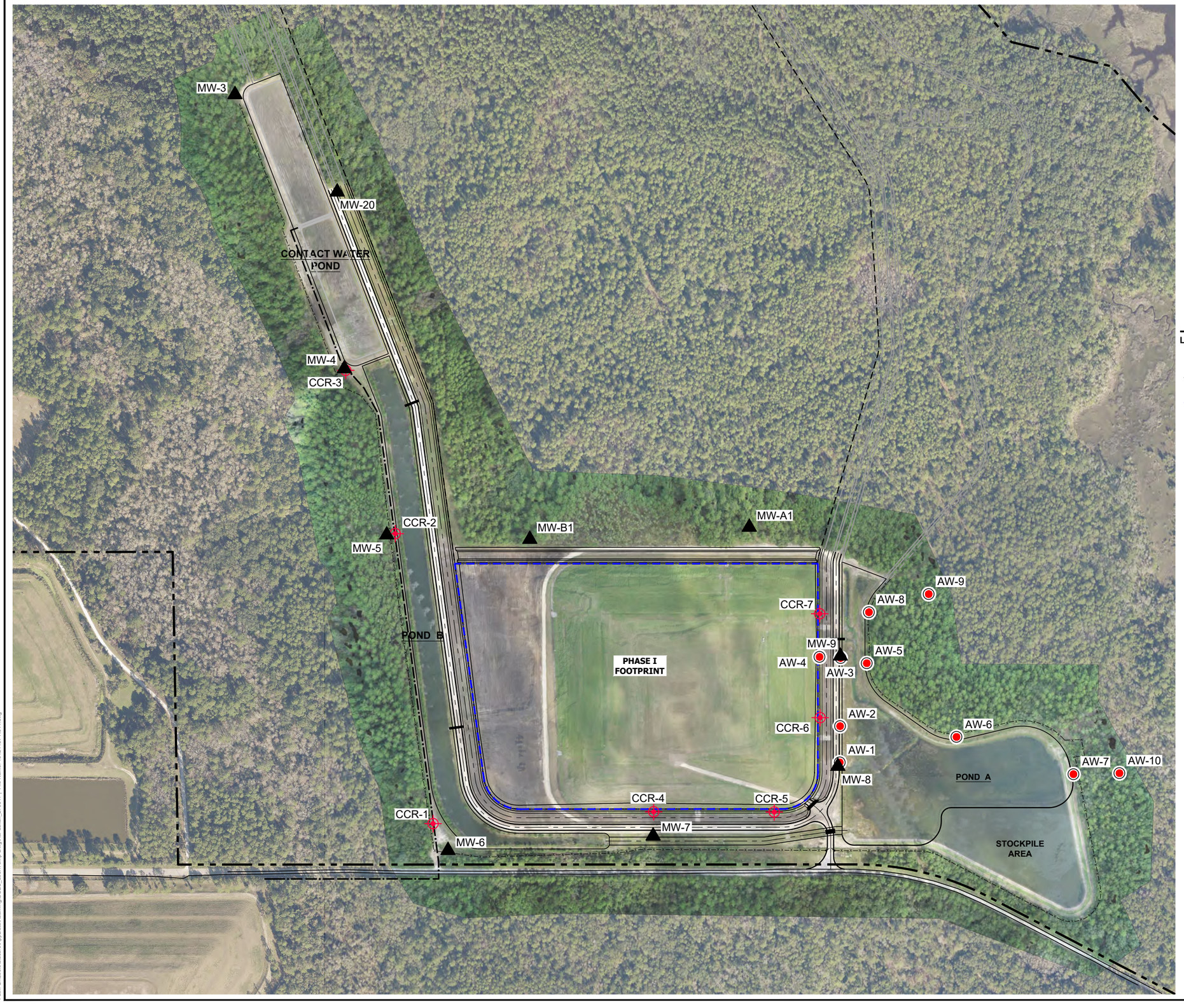
TITLE
SITE LOCATION MAP

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-R001		1

Path: \\golder.gds\complex\data\Office\Jacksonville\drafting\File\2019\19-124481 JEA-SJRPP CCR\R - MAR_JUN_DEC\2021 GW Rpt\Active Drawings\ | File Name: 19124481-R001.dwg

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

0 1 in



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I 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.

0 100 200
SCALE FEET

CLIENT
JEA

CONSULTANT
GOLDER

YYYY-MM-DD	2022-05-03
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

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

TITLE
CCR GROUNDWATER MONITORING WELLS

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-R011		2

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

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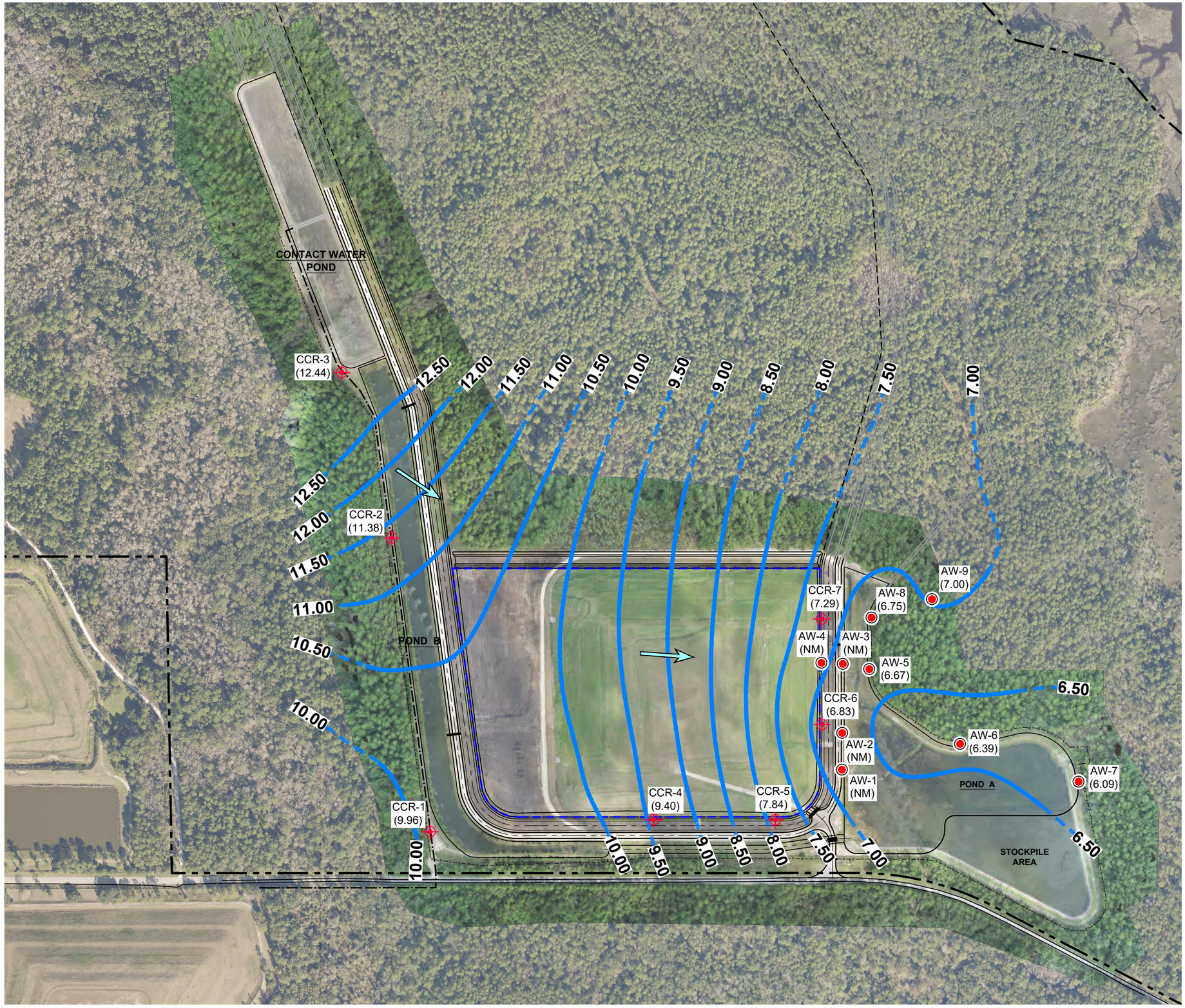

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (6.36) — GROUNDWATER ELEVATION
- 11.0 — 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.

0 100 200
SCALE FEET

CLIENT
JEA

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-10-10
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

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

TITLE
POTENTIOMETRIC MAP
(MARCH 14, 2022)

PROJECT NO.	Phase	REV.	FIGURE
GL19124481	19124481-S003		3

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

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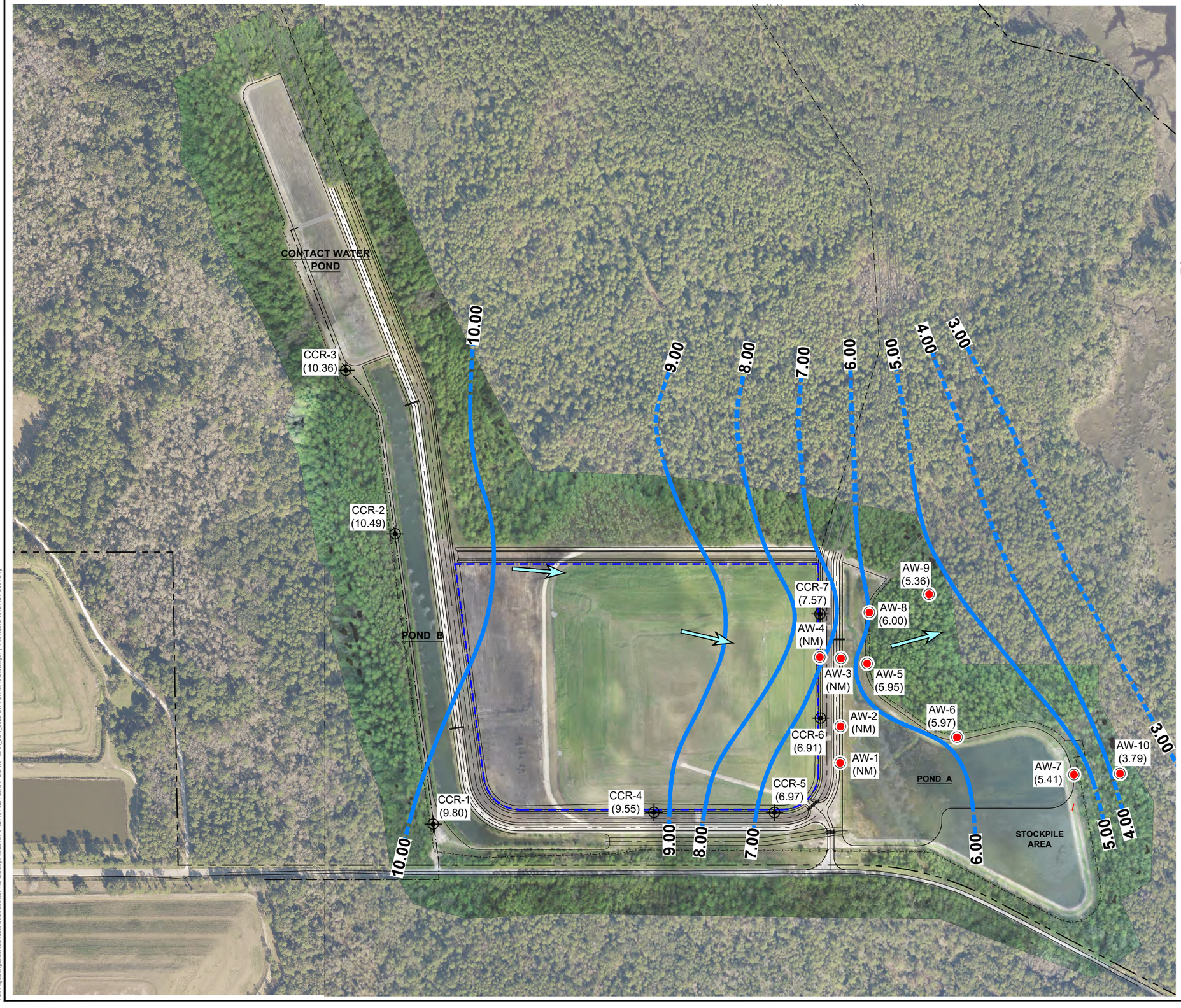

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (6.67) — GROUNDWATER ELEVATION (FT-NAVD88)
- 6.0 — GROUNDWATER CONTOUR INTERVAL (DASHED WHERE INFERRED) (FT-NAVD88)
- 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.

NOTE(S)

0 100 200
SCALE FEET

CLIENT
JEA

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-10-10
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

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

TITLE
POTENTIOMETRIC MAP
(JUNE 21, 2022)

PROJECT NO.	Phase	REV.	FIGURE
GL19124481	19124481-S004		4

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

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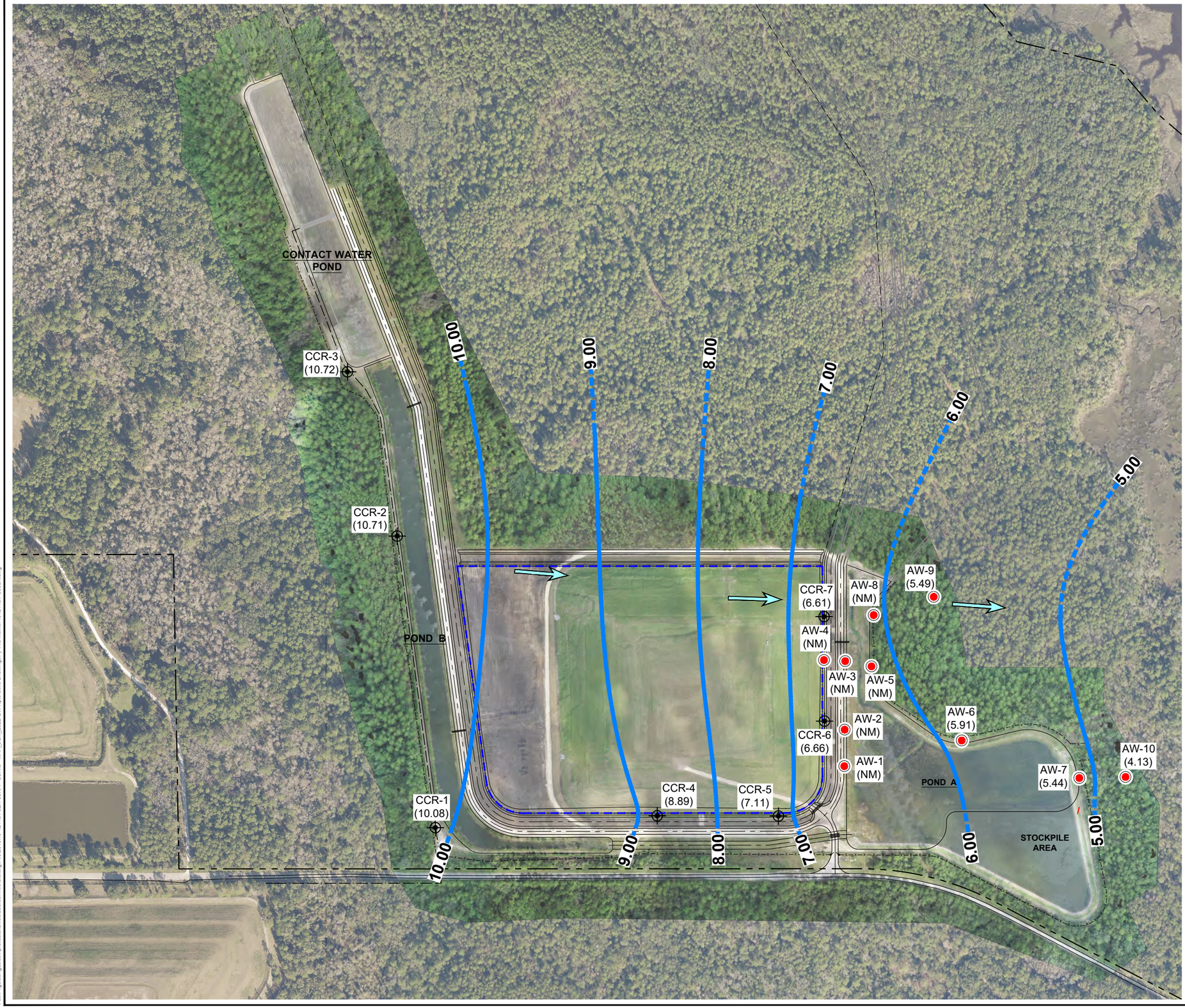

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (6.61) — GROUNDWATER ELEVATION (FT-NAVD88)
- 6.0 — GROUNDWATER CONTOUR INTERVAL (DASHED WHERE INFERRED) (FT-NAVD88)
- 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.

NOTE(S)

0 100 200
SCALE FEET

CLIENT
JEA

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2023-01-06
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

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

TITLE
POTENTIOMETRIC MAP
(DECEMBER 8, 2022)

PROJECT NO.	Phase	REV.	FIGURE
GL19124481	19124481-S005A		5

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

1 in

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Path: \\golder.gds\complexdata\Office\Jacksonville\data\ffng\Final\2019\19-124481 JEA-SJRPP CCR\S - MAR_JUN_2022 GW Rpt\Active Drawings\ | File Name: 19124481-S005A.dwg

APPENDIX A

Summary of Groundwater Monitoring Results

Table A-1 - March 2022 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)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox Potential (mV)	Specific Conductance (umhos/cm)	Temperature (Deg.C)	pH (S.U.)
CCR 1	15-Mar-22	0.345 U	0.733 I	44.1	0.910 I	0.295 U	0.456 U	0.784 U	0.14	0.102 U	1.3	0.00600 U	1.48 U	0.948 U	0.376 U	1.48	1.10	2.58	0.4	1.13	3.9	743	20.1	4.3
CCR 2	14-Mar-22	0.345 U	1.08 I	57.1	0.930 I	0.295 U	3.73 I	2.83 I	0.13	0.931	3.4	0.00600 U	1.48 U	0.948 U,J2	0.376 U	1.22 U	2.02	2.47	0.20	57	-91	504	20.5	4.5
CCR 3	14-Mar-22	0.345 U	0.469 I	21.9	0.292 U	0.295 U	0.949 I	1.12 I	0.15 U	0.102 U	0.22 U	0.00600 U	4.62 I	0.948 U	0.376 U	0.819	1.10 U	1.69 U	0.13	1.29	-70	1818	20.0	4.62
CCR 4	14-Mar-22	0.841 I	2.23	129.40	0.867 I	0.295 U	2.13 I	1.19 I	0.11 I	0.677	0.22 U	0.0170 I	4.52 I	5.20	0.376 U	2.50	4.12	**6.62**	0.09	286	-150	2860	21.7	5.83
CCR 4 DUP	14-Mar-22	0.805 I	2.19	124.15	0.832 I	0.295 U	2.17 I	1.16 I	0.10 I	0.666	0.22 U	0.0170 I	4.15 I	4.97	0.376 U	2.05	1.85	**3.90**	0.09	286	-150	2860	21.7	5.83
CCR 5	14-Mar-22	0.345 U	1.75 I	85.3	0.636 I	0.295 U	2.62 I	0.784 U	0.29 U	0.234 I	0.86 I	0.00600 U	1.48 U	8.95	0.376 U	0.700	3.06 U	3.54 U	0.5	18.6	-97	2649	21.3	5.19
CCR 6	14-Mar-22	0.345 U	0.942 I	39.9	0.292 U	0.295 U	0.583 I	0.839 I	0.73 U	0.102 U	0.22 U	0.00600 U	43.6	3.61	0.376 U	2.23	4.98	**7.21**	0.24	6.16	-53	3895	20.5	6.24
CCR 7	14-Mar-22	0.345 U	0.795 I	30.5	0.292 U	0.295 U	2.74 I	1.32 I	0.074 I,D3	0.102 U	0.29 I	0.00600 U	5.81 I	7.95	0.376 U	2.00	3.08	**5.08**	0.3	15.7	-183	2291	19.2	5.33
CCR Field Blank	14-Mar-22	0.345 U	0.149 U	0.175 U	0.292 U	0.295 U	0.456 U	0.784 U	0.015 U	0.102 U	0.22 U	0.00600 U	1.48 U	0.948 U	0.376 U	0.748 U	0.655 U	1.40 U	NA	NA	NA	NA	NA	NA
AW-5	14-Mar-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.48 U	NA	NA	1.30 U	2.19	3.15	0.3	9.2	47.5	3226	20.6	4.25
AW-6	14-Mar-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.48 U	NA	NA	1.58	2.17 U	3.24 U	0.3	9.82	40.7	1881	21.4	4.14
AW-7	14-Mar-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.49 I	NA	NA	3.42	2.36	**5.77**	0.3	4.76	21.3	2055	21.5	6.17
AW-8	14-Mar-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.48 U	NA	NA	1.14 U	3.56	4.40	0.3	6.89	48.5	2053	21.2	4.16
AW-9	14-Mar-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.48 U	NA	NA	0.954	2.20	3.15	0.3	2.37	38.3	690	19.6	4.24
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 2022 Semi-Annual Assessment and Corrective Action Monitoring Event Summary

		Appendix IV Parameters															Appendix III Parameters							Field Parameters				
Well	Date	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (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)	Fluoride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)	pH (S.U.)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox Potential (mV)	Specific Conductance (umhos/cm)	Temperature (Deg.C)
CCR 1	22-Jun-22	0.345 U	0.510 I	43.1	0.697 I	0.456 U	0.784 U	0.095	0.102 U	1.8 I	0.00600 U	1.48 U	0.948 U	1.45	0.657U	1.80	1242.4	27027	17.1	0.095	255	414	4.50	0.3	1.0	148	586	23.9
CCR 2	22-Jun-22	0.345 U	0.612 I	52.4	1.02 I	1.57 I	0.784 U	0.16	0.261 I	2.8	0.00600 U	1.48 U	0.948 U	1.07	0.699U	1.69 U	1132.9	28833	14.4	0.16	213 J(M1)	358	7.68	0.3	11.9	148	525	24.3
CCR 3	22-Jun-22	0.345 U	0.459 I	23.3	0.292 U	0.456 U	0.784 U	0.13 I,D3	0.102 U	0.50 U	0.00600 U	3.38 I	0.948 U	1.03	1.13	2.16	3346.2	397290	24.6 I,D3	0.13 I,D3	1060	1682	4.46	0.4	1.0	153	1792	23.1
CCR 4	22-Jun-22	0.882 I	2.53	115.41	0.492 I	1.35 I	0.784 U	0.12 I,D3	0.746	0.50 U	0.0170 I	3.91 I	4.49	2.41	1.74	4.15	47732	386810	60.4	0.12 I,D3	1460	2410	5.66	0.4	156	136	2639	24.2
CCR 5	22-Jun-22	0.345 U	2.94	93.7	0.340 I	1.74 I	0.784 U	0.12 I,D3	0.102 U	0.71 I	0.00600 U	1.48 U	8.14	0.808	1.52	2.33	29361	174180	116	0.12 I,D3	1240	2196	5.32	0.4	5.84	144	2699	23.3
CCR 5 DUP	22-Jun-22	0.345 U	2.91	92.8	0.333 I	1.88 I	0.784 U	0.13 I,D3	0.102 U	0.68 I	0.00600 U	1.52 I	8.69 J2	0.871 U	1.50	1.66	27329	169540	118	0.13 I,D3	1220	2162	5.32	0.4	5.84	144	2699	23.3
CCR 6	22-Jun-22	0.345 U	0.621 I	47.3	0.292 U	0.456 U	0.784 U	0.073 U,D3	0.102 U	0.50 U	0.00600 U	58.2	4.00	1.59	3.44	5.03	33986	429450	195	0.073 U,D3	2220	3400	6.04	0.4	1.61	130	4182	23.5
CCR 7	22-Jun-22	0.345 U	1.23 I	72.0	0.292 U	3.54 I	0.784 U	0.079 I,D3	0.102 U	0.72 I	0.00600 U	2.47 I	6.92	5.53	7.81	13.3	37523	316120	463	0.079 I,D3	1560	3173	5.13	0.5	8.39	132	4292	23.8
AW-6	21-Jun-22	0.345 U	1.04 I	29.3	0.292 U	0.456 U	0.784 U	0.056 I	0.102 U	0.50 U	0.00600 U	1.48 U	0.948 U	0.715 U	1.17	1.66	4243.9	290330	42.4	0.056 I	983	1400	3.57	0.5	4.90	183	1822	24.6
AW-7	21-Jun-22	0.345 U	4.73	35.6	0.292 U	0.456 U	0.784 U	0.029 U,D3	0.102 U	0.50 U	0.00600 U	6.54 I	0.948 U	3.06	1.34	4.39	6794.5	277700	43.6	0.029 U,D3	850	1347	6.18	0.7	0.02	130	1701	25.1
AW-9	21-Jun-22	0.345 U	0.284 I	87.4	0.609 I	0.456 U	0.784 U	0.084	0.102 U	0.50 U	0.00600 U	1.48 U	0.948 U	1.50	2.41	3.92	112.68	60852	40.8	0.084	251	425	4.24	0.4	2.3	147	773	23.1
AW-10	21-Jun-22	0.345 U	1.38 I	32.8	0.911 I	0.456 U	0.784 U	0.11	0.102 U	0.50 U	0.00600 U	1.48 U	2.26 J2	6.09	2.30	8.39	6621.1	315440	59.7	0.11	1100	1693	4.41	0.5	0.08	150	2082	22.9
CCR Field Blank	21-Jun-22	0.345 U	0.149 U	0.175 U	0.292 U	0.456 U	0.784 U	0.015 U	0.102 U	0.50 U	0.00600 U	2.16 I	0.948 U	1.02	0.881 U	1.28	5.06 U	14.6 U	2.5 U	0.015 U	2.5 U	3 U	NA	NA	NA	NA	NA	NA
Groundwater Protection Standard		6	10	2000	4	100	6	4	15	40	2	100	50	NA	NA	5	NA	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 2022 Semi-Annual Assessment and Corrective Action Monitoring Event Summary

		Appendix IV Parameters															Appendix III Parameters							Field Parameters				
Well	Date	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (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)	Fluoride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)	pH (S.U.)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Redox Potential (mV)	Specific Conductance (umhos/cm	Temperature (Deg.C)
CCR 1	12/8/2022	0.431 U	0.551 I	43.1	0.819 I	0.470 U	0.912 U	0.078	0.181 U	2.0	0.00600 U	4.08 U	1.19 U	1.12	0.871 U	1.84	1379.9	24661	15.7	0.078	249	474	4.80	0.18	5	53	600	23.2
CCR 2	12/8/2022	0.431 U	0.523 I	48.4	1.41 I	1.69 I	0.912 U	0.20	0.198 I	3.3	0.00600 U	4.08 U	1.19 U	0.418	0.808	1.23	1282.8	43151	11.8	0.20	284	475	4.50	0.24	32	-91	647	23.2
CCR 3	12/8/2022	0.431 U	0.515 I	26.0	0.292 U	0.470 U	0.912 U	0.073 U,D3	0.181 U	0.22 U	0.00600 U	4.08 U	1.19 U	0.976	1.06	2.04	4133.8	415160	26.8	0.073 U,D3	1070	1581	4.63	0.32	8	-5.1	1890	23.0
CCR 4	12/8/2022	0.467 I	1.85 I	102.06	0.292 U	2.52 I	0.912 U	0.073 U,D3	0.941	0.46 I	0.00600 U	4.70 I	4.23	1.27	1.29	2.56	33422	372610	52.0	0.073 U,D3	1190	2053	5.78	0.16	98	-212	2457	24.3
CCR 5	12/8/2022	0.431 U	3.67	90.7	0.292 U	2.05 I	0.912 U	0.073 U,D3	0.214 I	0.40 I	0.0120 I	4.08 U	4.91	0.929	1.33	2.26	20922	320820	60.4	0.073 U,D3	1240	3443	5.86	0.11	16.4	-215	2719	24.8
CCR 6	12/8/2022	0.431 U	0.865 I	39.0	0.292 U	0.470 U	0.912 U	0.073 U,D3	0.181 U	0.22 U	0.0110 I	36.5	4.30	1.22	2.51	3.73	32055 J1	426420	214	0.073 U,D3	1890	3533	6.36	0.17	10.8	-241	4407	24.4
CCR 6 DUP	12/8/2022	0.431 U	0.797 I	39.0	0.292 U	0.497 I	0.912 U	0.073 U,D3	0.181 U	0.22 U	0.00600 U	37.5	4.53	1.63	3.37	5.00	32402	427940	214	0.073 U,D3	1890	3443	6.36	0.17	10.8	-241	4407	24.4
CCR 7	12/8/2022	0.431 U	1.67 I	72.0	0.292 U	3.74 I	1.13 I	0.073 U,D3	0.181 U	0.42 I	0.00600 U	4.08 U	6.75	2.62	5.93	8.55	35896	331140	399	0.073 U,D3	1630	3072	5.99	10.1	7.3	-272	4303	23.6
CCR Field Blank	12/8/2022	0.431 U	0.250 U	0.663 U	0.292 U	0.470 U	0.912 U	0.015 U	0.181 U	0.22 U	0.0280 I	4.08 U	1.19 U	-0.0527	0.676 U	0.592	11.2 I	21.0 U	2.5 U	0.015 U	2.5 U	NA	NA	NA	NA	NA	NA	NA	NA
AW-6	12/8/2022	0.431 U	1.13 I	33.2	0.292 U	0.858 I	0.912 U	0.096 I,D3	0.181 U	0.23 I	0.00600 U	4.08 U	1.61 I	1.22	0.756 U	1.84	4329.4	288350	44.7	0.096 I,D3	993	1373	4.41	1.55	8.41	-149.0	1705	24.7
AW-7	12/8/2022	0.431 U	6.01	27.0	0.292 U	0.470 U	0.912 U	0.029 U,D3	0.181 U	0.22 U	0.00600 U	5.54 I	1.49 I, J2	1.98	0.765	2.75	7231.0	225940	37.0	0.029 U,D3	624	1125	6.38	0.94	2.25	-277.8	1409	25.2
AW-9	12/8/2022	0.431 U	0.273 I	82.3	0.706 I	0.934 I	0.912 U	0.082	0.181 U	0.22 U	0.00600 U	4.08 U	1.19 U	1.37	1.71	3.08	138.50	70235	40.2	0.082	297	479	4.32	1.18	1.16	-15.1	747	22.1
AW-10	12/8/2022	0.431 U	1.44 I	30.7	0.764 I	0.470 U	0.912 U	0.12	0.181 U	0.22 U	0.00600 U	4.08 U	1.41 I	4.59	2.04	6.63	6797.9	290500	48.0	0.12	946	1482	4.42	0.96	4.69	-108.4	1837	22.3
Groundwater Protection Standard		6	10	2000	4	100	6	4	15	40	2	100	50	NA	NA	5	NA	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 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220314PPAW5XX01	AW-5	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPAW5XX01	AW-5	14-Mar-22	EPA 903.1	Radium-226	1.30U	pCi/L	U	1.30	1.30	1	12-Apr-22	Pace
S220314PPAW5XX01	AW-5	14-Mar-22	EPA 904.0	Radium-228	2.19	pCi/L		1.16	1.16	1	21-Apr-22	Pace
S220314PPAW5XX01	AW-5	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Field	Field Turb	9.2	NTU				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Field	Redox Potential (Field)	47.5	mV				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Field	Specific Conductance (Field)	3226	umhos/cm				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Field	Temp (Field)	20.6	Deg.C				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Field	pH (Field)	4.25	S.U.				1	21-Mar-22	Field
S220314PPAW5XX01	AW-5	14-Mar-22	Total Radium Calcula	Total Radium	3.15	pCi/L		2.46	2.46	1	22-Apr-22	Pace
S220314PPAW6XX01	AW-6	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPAW6XX01	AW-6	14-Mar-22	EPA 903.1	Radium-226	1.58	pCi/L		1.07	1.07	1	12-Apr-22	Pace
S220314PPAW6XX01	AW-6	14-Mar-22	EPA 904.0	Radium-228	2.17U	pCi/L	U	2.17	2.17	1	21-Apr-22	Pace
S220314PPAW6XX01	AW-6	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Field	Field Turb	9.82	NTU				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Field	Redox Potential (Field)	40.7	mV				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Field	Specific Conductance (Field)	1881	umhos/cm				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Field	Temp (Field)	21.4	Deg.C				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Field	pH (Field)	4.14	S.U.				1	21-Mar-22	Field
S220314PPAW6XX01	AW-6	14-Mar-22	Total Radium Calcula	Total Radium	3.24U	pCi/L	U	3.24	3.24	1	22-Apr-22	Pace
S220314PPAW7XX01	AW-7	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	5.49	ug/L	I	1.48	16.0	1	22-Mar-22	AC
S220314PPAW7XX01	AW-7	14-Mar-22	EPA 903.1	Radium-226	3.42	pCi/L		1.16	1.16	1	12-Apr-22	Pace
S220314PPAW7XX01	AW-7	14-Mar-22	EPA 904.0	Radium-228	2.36	pCi/L		1.19	1.19	1	21-Apr-22	Pace
S220314PPAW7XX01	AW-7	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Field	Field Turb	4.76	NTU				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Field	Redox Potential (Field)	21.3	mV				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Field	Specific Conductance (Field)	2055	umhos/cm				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Field	Temp (Field)	21.5	Deg.C				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Field	pH (Field)	6.17	S.U.				1	21-Mar-22	Field
S220314PPAW7XX01	AW-7	14-Mar-22	Total Radium Calcula	Total Radium	5.77	pCi/L		2.35	2.35	1	22-Apr-22	Pace
S220314PPAW8XX01	AW-8	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPAW8XX01	AW-8	14-Mar-22	EPA 903.1	Radium-226	1.14U	pCi/L	U	1.14	1.14	1	12-Apr-22	Pace
S220314PPAW8XX01	AW-8	14-Mar-22	EPA 904.0	Radium-228	3.56	pCi/L		1.01	1.01	1	21-Apr-22	Pace
S220314PPAW8XX01	AW-8	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Field	Field Turb	6.89	NTU				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Field	Redox Potential (Field)	48.5	mV				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Field	Specific Conductance (Field)	2053	umhos/cm				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Field	Temp (Field)	21.2	Deg.C				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Field	pH (Field)	4.16	S.U.				1	21-Mar-22	Field
S220314PPAW8XX01	AW-8	14-Mar-22	Total Radium Calcula	Total Radium	4.40	pCi/L		2.15	2.15	1	22-Apr-22	Pace
S220314PPAW9XX01	AW-9	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPAW9XX01	AW-9	14-Mar-22	EPA 903.1	Radium-226	0.954	pCi/L		0.935	0.935	1	12-Apr-22	Pace
S220314PPAW9XX01	AW-9	14-Mar-22	EPA 904.0	Radium-228	2.20	pCi/L		0.863	0.863	1	07-Apr-22	Pace
S220314PPAW9XX01	AW-9	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Field	Field Turb	2.37	NTU				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Field	Redox Potential (Field)	38.3	mV				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Field	Specific Conductance (Field)	690	umhos/cm				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Field	Temp (Field)	19.6	Deg.C				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Field	pH (Field)	4.24	S.U.				1	21-Mar-22	Field
S220314PPAW9XX01	AW-9	14-Mar-22	Total Radium Calcula	Total Radium	3.15	pCi/L		1.80	1.80	1	14-Apr-22	Pace
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Barium	85.3	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.636	ug/L	I	0.292	2.00	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Chromium	2.62	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8	Lithium	0.86	ug/L	I	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8 TOTAL	Arsenic	1.75	ug/L	I	0.149	2.00	1	22-Mar-22	AB
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8 TOTAL	Lead	0.234	ug/L	I	0.102	0.500	1	22-Mar-22	AB
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8 TOTAL	Selenium	8.95	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 300.0	Fluoride	0.29 U	mg/L	U	0.29	1.0	20	02-Apr-22	Pace
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 903.1	Radium-226	0.700	pCi/L		0.475	0.475	1	11-Apr-22	Pace
S220314PPCCR5XX01	CCR 5	14-Mar-22	EPA 904.0	Radium-228	3.06U	pCi/L	U	3.06	3.06	1	05-Apr-22	Pace
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	DO (Field) Concentration	0.5	mg/L				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	Field Turb	18.6	NTU				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	Redox Potential (Field)	-97	mV				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	Specific Conductance (Field)	2649	umhos/cm				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	Temp (Field)	21.3	Deg.C				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Field	pH (Field)	5.19	S.U.				1	21-Mar-22	Field
S220314PPCCR5XX01	CCR 5	14-Mar-22	Total Radium Calcula	Total Radium	3.54U	pCi/L	U	3.54	3.54	1	12-Apr-22	Pace
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Barium	39.9	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Chromium	0.583	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Cobalt	0.839	ug/L	I	0.784	20.0	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	43.6	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8 TOTAL	Arsenic	0.942	ug/L	I	0.149	2.00	1	22-Mar-22	AB

March 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8 TOTAL	Selenium	3.61	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 300.0	Fluoride	0.73 U	mg/L	U	0.73	2.5	50	02-Apr-22	Pace
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 903.1	Radium-226	2.23	pCi/L		0.356	0.356	1	11-Apr-22	Pace
S220314PPCCR6XX01	CCR 6	14-Mar-22	EPA 904.0	Radium-228	4.98	pCi/L		2.08	2.08	1	05-Apr-22	Pace
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	DO (Field) Concentration	0.24	mg/L				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	Field Turb	6.16	NTU				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	Redox Potential (Field)	-53	mV				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	Specific Conductance (Field)	3895	umhos/cm				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	Temp (Field)	20.5	Deg.C				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Field	pH (Field)	6.24	S.U.				1	21-Mar-22	Field
S220314PPCCR6XX01	CCR 6	14-Mar-22	Total Radium Calcula	Total Radium	7.21	pCi/L		2.44	2.44	1	12-Apr-22	Pace
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Barium	30.5	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Chromium	2.74	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Cobalt	1.32	ug/L	I	0.784	20.0	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	5.81	ug/L	I	1.48	16.0	1	22-Mar-22	AC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8	Lithium	0.29	ug/L	I	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8 TOTAL	Arsenic	0.795	ug/L	I	0.149	2.00	1	22-Mar-22	AB
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8 TOTAL	Selenium	7.95	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 300.0	Fluoride	0.074	mg/L	I,D3	0.073	0.25	5	03-Apr-22	Pace
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 903.1	Radium-226	2.00	pCi/L		0.362	0.362	1	11-Apr-22	Pace
S220314PPCCR7XX01	CCR 7	14-Mar-22	EPA 904.0	Radium-228	3.08	pCi/L		1.94	1.94	1	05-Apr-22	Pace
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	DO (Field) Concentration	0.3	mg/L				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	Field Turb	15.7	NTU				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	Redox Potential (Field)	-183	mV				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	Specific Conductance (Field)	2291	umhos/cm				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	Temp (Field)	19.2	Deg.C				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Field	pH (Field)	5.33	S.U.				1	21-Mar-22	Field
S220314PPCCR7XX01	CCR 7	14-Mar-22	Total Radium Calcula	Total Radium	5.08	pCi/L		2.30	2.30	1	12-Apr-22	Pace
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Barium	0.175 U	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	2.00	1	22-Mar-22	AB
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	02-Apr-22	Pace
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 903.1	Radium-226	0.748U	pCi/L	U	0.748	0.748	1	11-Apr-22	Pace
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	EPA 904.0	Radium-228	0.655U	pCi/L	U	0.655	0.655	1	05-Apr-22	Pace
S220314PPCCRFB01	CCR Field Blank	14-Mar-22	Total Radium Calcula	Total Radium	1.40U	pCi/L	U	1.40	1.40	1	12-Apr-22	Pace
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Barium	44.1	ug/L		0.175	20.0	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Beryllium	0.910	ug/L	I	0.292	2.00	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8	Lithium	1.3	ug/L		0.22	1.0	1	31-Mar-22	Pace
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8 TOTAL	Arsenic	0.733	ug/L	I	0.149	2.00	1	22-Mar-22	AB
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	22-Mar-22	AB
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	22-Mar-22	AB
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 300.0	Fluoride	0.14	mg/L		0.029	0.10	2	02-Apr-22	Pace
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 903.1	Radium-226	1.48	pCi/L		0.388	0.388	1	12-Apr-22	Pace
S220315PPCCR1XX01	CCR 1	15-Mar-22	EPA 904.0	Radium-228	1.10	pCi/L		0.724	0.724	1	07-Apr-22	Pace
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	DO (Field) Concentration	0.4	mg/L				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	Field Turb	1.13	NTU				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	Redox Potential (Field)	3.9	mV				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	Specific Conductance (Field)	743	umhos/cm				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	Temp (Field)	20.1	Deg.C				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Field	pH (Field)	4.3	S.U.				1	21-Mar-22	Field
S220315PPCCR1XX01	CCR 1	15-Mar-22	Total Radium Calcula	Total Radium	2.58	pCi/L		1.11	1.11	1	14-Apr-22	Pace
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Barium	57.1	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.930	ug/L	I	0.292	2.00	1	22-Mar-22	AC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Chromium	3.73	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Cobalt	2.83	ug/L	I	0.784	20.0	1	22-Mar-22	AC

March 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	22-Mar-22	AC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8	Lithium	3.4	ug/L		0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8 TOTAL	Arsenic	1.08	ug/L	I	0.149	2.00	1	22-Mar-22	AB
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8 TOTAL	Lead	0.931	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L	J2	0.948	2.00	1	22-Mar-22	AB
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 300.0	Fluoride	0.13	mg/L		0.015	0.050	1	02-Apr-22	Pace
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 903.1	Radium-226	1.22U	pCi/L	U	1.22	1.22	1	12-Apr-22	Pace
S220314PPCCR2XX01	CCR 2	14-Mar-22	EPA 904.0	Radium-228	2.02	pCi/L		0.783	0.783	1	29-Apr-22	Pace
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	DO (Field) Concentration	0.20	mg/L				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	Field Turb	57	NTU				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	Redox Potential (Field)	-91	mV				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	Specific Conductance (Field)	504	umhos/cm				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	Temp (Field)	20.5	Deg.C				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Field	pH (Field)	4.5	S.U.				1	21-Mar-22	Field
S220314PPCCR2XX01	CCR 2	14-Mar-22	Total Radium Calcula	Total Radium	2.47	pCi/L		2.00	2.00	1	03-May-22	Pace
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Barium	21.9	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Chromium	0.949	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Cobalt	1.12	ug/L	I	0.784	20.0	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	4.62	ug/L	I	1.48	16.0	1	22-Mar-22	AC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	22-Mar-22	AB
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8 TOTAL	Arsenic	0.469	ug/L	I	0.149	2.00	1	22-Mar-22	AB
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 300.0	Fluoride	0.15 U	mg/L	U	0.15	0.50	10	02-Apr-22	Pace
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 903.1	Radium-226	0.819	pCi/L		0.588	0.588	1	12-Apr-22	Pace
S220314PPCCR3XX01	CCR 3	14-Mar-22	EPA 904.0	Radium-228	1.10U	pCi/L	U	1.10	1.10	1	07-Apr-22	Pace
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	DO (Field) Concentration	0.13	mg/L				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	Field Turb	1.29	NTU				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	Redox Potential (Field)	-70	mV				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	Specific Conductance (Field)	1818	umhos/cm				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	Temp (Field)	20.0	Deg.C				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Field	pH (Field)	4.62	S.U.				1	21-Mar-22	Field
S220314PPCCR3XX01	CCR 3	14-Mar-22	Total Radium Calcula	Total Radium	1.69U	pCi/L	U	1.69	1.69	1	14-Apr-22	Pace
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Barium	129.40	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.867	ug/L	I	0.292	2.00	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Chromium	2.13	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Cobalt	1.19	ug/L	I	0.784	20.0	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	4.52	ug/L	I	1.48	16.0	1	22-Mar-22	AC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.841	ug/L	I	0.345	2.00	1	22-Mar-22	AB
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8 TOTAL	Arsenic	2.23	ug/L		0.149	2.00	1	22-Mar-22	AB
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8 TOTAL	Lead	0.677	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8 TOTAL	Selenium	5.20	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 245.1	Mercury	0.0170	ug/L	I	0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 300.0	Fluoride	0.11	mg/L	I	0.073	0.25	5	02-Apr-22	Pace
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 903.1	Radium-226	2.50	pCi/L		1.24	1.24	1	02-May-22	Pace
S220314PPCCR4XX01	CCR 4	14-Mar-22	EPA 904.0	Radium-228	4.12	pCi/L		0.747	0.747	1	29-Apr-22	Pace
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	DO (Field) Concentration	0.09	mg/L				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	Field Turb	286	NTU				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	Redox Potential (Field)	-150	mV				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	Specific Conductance (Field)	2860	umhos/cm				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	Temp (Field)	21.7	Deg.C				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Field	pH (Field)	5.83	S.U.				1	21-Mar-22	Field
S220314PPCCR4XX01	CCR 4	14-Mar-22	Total Radium Calcula	Total Radium	6.62	pCi/L		1.99	1.99	1	03-May-22	Pace
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Barium	124.15	ug/L		0.175	20.0	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Beryllium	0.832	ug/L	I	0.292	2.00	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Cadmium	0.295 U	ug/L		0.295	4.00	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Chromium	2.17	ug/L	I	0.456	16.0	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Cobalt	1.16	ug/L	I	0.784	20.0	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.7 TOTAL	Molybdenum	4.15	ug/L	I	1.48	16.0	1	22-Mar-22	AC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	31-Mar-22	Pace
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8 TOTAL	Antimony	0.805	ug/L	I	0.345	2.00	1	22-Mar-22	AB
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8 TOTAL	Arsenic	2.19	ug/L		0.149	2.00	1	22-Mar-22	AB
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8 TOTAL	Lead	0.666	ug/L		0.102	0.500	1	22-Mar-22	AB
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8 TOTAL	Selenium	4.97	ug/L		0.948	2.00	1	22-Mar-22	AB
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 200.8 TOTAL	Thallium	0.376 U	ug/L		0.376	2.00	1	22-Mar-22	AB
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 245.1	Mercury	0.0170	ug/L	I	0.00600	0.200	1	04-Apr-22	KC
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 300.0	Fluoride	0.10	mg/L	I	0.073	0.25	5	02-Apr-22	Pace
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 903.1	Radium-226	2.05	pCi/L		0.650	0.650	1	01-Apr-22	Pace
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	EPA 904.0	Radium-228	1.85	pCi/L		1.02	1.02	1	31-Mar-22	Pace
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	DO (Field) Concentration	0.09	mg/L				1	21-Mar-22	Field
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	Field Turb	286	NTU				1	21-Mar-22	Field

March 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	Redox Potential (Field)	-150	mV				1	21-Mar-22	Field
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	Specific Conductance (Field)	2860	umhos/cm				1	21-Mar-22	Field
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	Temp (Field)	21.7	Deg.C				1	21-Mar-22	Field
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Field	pH (Field)	5.83	S.U.				1	21-Mar-22	Field
S220314PPCCR4XX02	CCR 4 DUP	14-Mar-22	Total Radium Calcula	Total Radium	3.90	pCi/L		1.67	1.67	1	14-Apr-22	Pace

June 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Barium	29.3	ug/L		0.175	20.0	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Boron	4243.9	ug/L		5.06	20.0	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Calcium	290330	ug/L		72.9	100	1	08-Jul-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.8 TOTAL	Arsenic	1.04	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 300.0	Chloride	42.4	mg/L		5.0	10.0	2	07-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 300.0	Fluoride	0.056	mg/L	I	0.029	0.10	2	07-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 300.0	Sulfate	983	mg/L		25.0	50.0	10	07-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 903.1	Radium-226	0.715U	pCi/L	U	0.715	0.715	1	19-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	EPA 904.0	Radium-228	1.17	pCi/L		0.763	0.763	1	20-Jul-22	Pace
S220621PPAW6XX01	AW-6	21-Jun-22	Field	DO (Field) Concentration	0.5	mg/L				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	Field	Field Turb	4.90	NTU				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	Field	Redox Potential (Field)	183	mV				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	Field	Specific Conductance (Field)	1822	umhos/cm				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	Field	Temp (Field)	24.6	Deg.C				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	Field	pH (Field)	3.57	S.U.				1	24-Jun-22	Field
S220621PPAW6XX01	AW-6	21-Jun-22	SM2540C	Residue, Filterable (TDS)	1400	mg/L		3	5	1	24-Jun-22	PW
S220621PPAW6XX01	AW-6	21-Jun-22	Total Radium Calcula	Total Radium	1.66	pCi/L		1.48	1.48	1	22-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Barium	35.6	ug/L		0.175	20.0	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Boron	6794.5	ug/L		5.06	20.0	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Calcium	277700	ug/L		72.9	100	1	08-Jul-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.7 TOTAL	Molybdenum	6.54	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.8 TOTAL	Arsenic	4.73	ug/L		0.149	2.00	1	28-Jun-22	AB
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 300.0	Chloride	43.6	mg/L		5.0	10.0	2	12-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	12-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 300.0	Sulfate	850	mg/L		25.0	50.0	10	12-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 903.1	Radium-226	3.06	pCi/L		0.845	0.845	1	19-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	EPA 904.0	Radium-228	1.34	pCi/L		0.744	0.744	1	20-Jul-22	Pace
S220621PPAW7XX01	AW-7	21-Jun-22	Field	DO (Field) Concentration	0.7	mg/L				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	Field	Field Turb	0.02	NTU				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	Field	Redox Potential (Field)	130	mV				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	Field	Specific Conductance (Field)	1701	umhos/cm				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	Field	Temp (Field)	25.1	Deg.C				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	Field	pH (Field)	6.18	S.U.				1	24-Jun-22	Field
S220621PPAW7XX01	AW-7	21-Jun-22	SM2540C	Residue, Filterable (TDS)	1347	mg/L		3	5	1	24-Jun-22	PW
S220621PPAW7XX01	AW-7	21-Jun-22	Total Radium Calcula	Total Radium	4.39	pCi/L		1.59	1.59	1	22-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Barium	87.4	ug/L		0.175	20.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Beryllium	0.609	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Boron	112.68	ug/L		5.06	20.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Calcium	60852	ug/L		14.6	20.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.8 TOTAL	Arsenic	0.284	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 300.0	Chloride	40.8	mg/L		2.5	5.0	1	07-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 300.0	Fluoride	0.084	mg/L		0.015	0.050	1	07-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 300.0	Sulfate	251	mg/L		12.5	25.0	5	07-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 903.1	Radium-226	1.50	pCi/L		0.680	0.680	1	19-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	EPA 904.0	Radium-228	2.41	pCi/L		1.38	1.38	1	20-Jul-22	Pace
S220621PPAW9XX01	AW-9	21-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	Field	Field Turb	2.3	NTU				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	Field	Redox Potential (Field)	147	mV				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	Field	Specific Conductance (Field)	773	umhos/cm				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	Field	Temp (Field)	23.1	Deg.C				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	Field	pH (Field)	4.24	S.U.				1	24-Jun-22	Field
S220621PPAW9XX01	AW-9	21-Jun-22	SM2540C	Residue, Filterable (TDS)	425	mg/L		3	5	1	24-Jun-22	PW
S220621PPAW9XX01	AW-9	21-Jun-22	Total Radium Calcula	Total Radium	3.92	pCi/L		2.06	2.06	1	22-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Barium	32.8	ug/L		0.175	20.0	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Beryllium	0.911	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Boron	6621.1	ug/L		5.06	20.0	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Calcium	315440	ug/L		72.9	100	1	08-Jul-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.8 TOTAL	Arsenic	1.38	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB

June 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 200.8 TOTAL	Selenium	2.26	ug/L	J2	0.948	2.00	1	28-Jun-22	AB
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 300.0	Chloride	59.7	mg/L		5.0	10.0	2	07-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 300.0	Fluoride	0.11	mg/L		0.029	0.10	2	07-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 300.0	Sulfate	1100	mg/L		50.0	100	20	07-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 903.1	Radium-226	6.09	pCi/L		0.621	0.621	1	19-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	EPA 904.0	Radium-228	2.30	pCi/L		1.59	1.59	1	20-Jul-22	Pace
S220621PPAW10XX01	AW-10	21-Jun-22	Field	DO (Field) Concentration	0.5	mg/L				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	Field	Field Turb	0.08	NTU				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	Field	Redox Potential (Field)	150	mV				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	Field	Specific Conductance (Field)	2082	umhos/cm				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	Field	Temp (Field)	22.9	Deg.C				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	Field	pH (Field)	4.41	S.U.				1	24-Jun-22	Field
S220621PPAW10XX01	AW-10	21-Jun-22	SM2540C	Residue, Filterable (TDS)	1693	mg/L		3	5	1	24-Jun-22	PW
S220621PPAW10XX01	AW-10	21-Jun-22	Total Radium Calcula	Total Radium	8.39	pCi/L		2.21	2.21	1	22-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Barium	43.1	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.697	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Boron	1242.4	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Calcium	27027	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.8 TOTAL	Arsenic	0.510	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 300.0	Chloride	17.1	mg/L		2.5	5.0	1	15-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 300.0	Fluoride	0.095	mg/L		0.015	0.050	1	15-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 300.0	Sulfate	255	mg/L		12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 6020B	Lithium	1.8	ug/L	I	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 903.1	Radium-226	1.45	pCi/L		0.713	0.713	1	18-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	EPA 904.0	Radium-228	0.657U	pCi/L	U	0.657	0.657	1	18-Jul-22	Pace
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	DO (Field) Concentration	0.3	mg/L				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	Field Turb	1.0	NTU				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	Redox Potential (Field)	148	mV				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	Specific Conductance (Field)	586	umhos/cm				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	Temp (Field)	23.9	Deg.C				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	Field	pH (Field)	4.50	S.U.				1	24-Jun-22	Field
S220622PPCCR1XX01	CCR 1	22-Jun-22	SM2540C	Residue, Filterable (TDS)	414	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR1XX01	CCR 1	22-Jun-22	Total Radium Calcula	Total Radium	1.80	pCi/L		1.37	1.37	1	21-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Barium	52.4	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Beryllium	1.02	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Boron	1132.9	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Calcium	28833	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Chromium	1.57	ug/L	I	0.456	16.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.8 TOTAL	Arsenic	0.612	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.8 TOTAL	Lead	0.261	ug/L	I	0.102	0.500	1	28-Jun-22	AB
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 300.0	Chloride	14.4	mg/L		2.5	5.0	1	15-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 300.0	Fluoride	0.16	mg/L		0.015	0.050	1	15-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 300.0	Sulfate	213	mg/L	J(M1)	12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 6020B	Lithium	2.8	ug/L		0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 903.1	Radium-226	1.07	pCi/L		0.991	0.991	1	18-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	EPA 904.0	Radium-228	0.699U	pCi/L	U	0.699	0.699	1	18-Jul-22	Pace
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	DO (Field) Concentration	0.3	mg/L				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	Field Turb	11.9	NTU				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	Redox Potential (Field)	148	mV				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	Specific Conductance (Field)	525	umhos/cm				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	Temp (Field)	24.3	Deg.C				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	Field	pH (Field)	7.68	S.U.				1	24-Jun-22	Field
S220622PPCCR2XX01	CCR 2	22-Jun-22	SM2540C	Residue, Filterable (TDS)	358	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR2XX01	CCR 2	22-Jun-22	Total Radium Calcula	Total Radium	1.69U	pCi/L	U	1.69	1.69	1	21-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Barium	23.3	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Boron	3346.2	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Calcium	397290	ug/L		72.9	100	1	08-Jul-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	3.38	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.8 TOTAL	Arsenic	0.459	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 300.0	Chloride	24.6	mg/L	I,D3	12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 300.0	Fluoride	0.13	mg/L	I,D3	0.073	0.25	5	15-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 300.0	Sulfate	1060	mg/L		50.0	100	20	13-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 903.1	Radium-226	1.03	pCi/L		0.850	0.850	1	18-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	EPA 904.0	Radium-228	1.13	pCi/L		0.731	0.731	1	18-Jul-22	Pace
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	Field Turb	1.0	NTU				1	24-Jun-22	Field

June 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	Redox Potential (Field)	153	mV				1	24-Jun-22	Field
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	Specific Conductance (Field)	1792	umhos/cm				1	24-Jun-22	Field
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	Temp (Field)	23.1	Deg.C				1	24-Jun-22	Field
S220622PPCCR3XX01	CCR 3	22-Jun-22	Field	pH (Field)	4.46	S.U.				1	24-Jun-22	Field
S220622PPCCR3XX01	CCR 3	22-Jun-22	SM2540C	Residue, Filterable (TDS)	1682	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR3XX01	CCR 3	22-Jun-22	Total Radium Calcula	Total Radium	2.16	pCi/L		1.58	1.58	1	21-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Barium	115.41	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.492	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Boron	47732	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Calcium	386810	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Chromium	1.35	ug/L	I	0.456	16.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	3.91	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.882	ug/L	I	0.345	2.00	1	28-Jun-22	AB
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.8 TOTAL	Arsenic	2.53	ug/L		0.149	2.00	1	28-Jun-22	AB
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.8 TOTAL	Lead	0.746	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 200.8 TOTAL	Selenium	4.49	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 245.1	Mercury	0.0170	ug/L	I	0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 300.0	Chloride	60.4	mg/L		12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 300.0	Fluoride	0.12	mg/L	I,D3	0.073	0.25	5	15-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 300.0	Sulfate	1460	mg/L		50.0	100	20	12-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 903.1	Radium-226	2.41	pCi/L		1.04	1.04	1	18-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	EPA 904.0	Radium-228	1.74	pCi/L		0.771	0.771	1	18-Jul-22	Pace
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	Field Turb	156	NTU				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	Redox Potential (Field)	136	mV				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	Specific Conductance (Field)	2639	umhos/cm				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	Temp (Field)	24.2	Deg.C				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	Field	pH (Field)	5.66	S.U.				1	24-Jun-22	Field
S220622PPCCR4XX01	CCR 4	22-Jun-22	SM2540C	Residue, Filterable (TDS)	2410	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR4XX01	CCR 4	22-Jun-22	Total Radium Calcula	Total Radium	4.15	pCi/L		1.81	1.81	1	21-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Barium	93.7	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.340	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Boron	29361	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Calcium	174180	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Chromium	1.74	ug/L	I	0.456	16.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.48 U	ug/L		1.48	16.0	1	28-Jun-22	AC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.8 TOTAL	Arsenic	2.94	ug/L		0.149	2.00	1	28-Jun-22	AB
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 200.8 TOTAL	Selenium	8.14	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 300.0	Chloride	116	mg/L		12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 300.0	Fluoride	0.12	mg/L	I,D3	0.073	0.25	5	15-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 300.0	Sulfate	1240	mg/L		50.0	100	20	12-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 6020B	Lithium	0.71	ug/L	I	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 903.1	Radium-226	0.808	pCi/L		0.541	0.541	1	18-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	EPA 904.0	Radium-228	1.52	pCi/L		0.781	0.781	1	18-Jul-22	Pace
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	Field Turb	5.84	NTU				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	Redox Potential (Field)	144	mV				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	Specific Conductance (Field)	2699	umhos/cm				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	Temp (Field)	23.3	Deg.C				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	Field	pH (Field)	5.32	S.U.				1	24-Jun-22	Field
S220622PPCCR5XX01	CCR 5	22-Jun-22	SM2540C	Residue, Filterable (TDS)	2196	mg/L		3	5	1	24-Jun-22	PW
S220622PPCCR5XX01	CCR 5	22-Jun-22	Total Radium Calcula	Total Radium	2.33	pCi/L		1.32	1.32	1	21-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Barium	92.8	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.333	ug/L	I	0.292	2.00	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Boron	27329	ug/L		25.3	100	1	08-Jul-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Calcium	169540	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Chromium	1.88	ug/L	I	0.456	16.0	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	1.52	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.8 TOTAL	Arsenic	2.91	ug/L		0.149	2.00	1	28-Jun-22	AB
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 200.8 TOTAL	Selenium	8.69	ug/L	J2	0.948	2.00	1	28-Jun-22	AB
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	30-Jun-22	KC
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 300.0	Chloride	118	mg/L		12.5	25.0	5	13-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 300.0	Fluoride	0.13	mg/L	I,D3	0.073	0.25	5	15-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 300.0	Sulfate	1220	mg/L		50.0	100	20	12-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 6020B	Lithium	0.68	ug/L	I	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 903.1	Radium-226	0.871U	pCi/L	U	0.871	0.871	1	18-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	EPA 904.0	Radium-228	1.50	pCi/L		0.747	0.747	1	18-Jul-22	Pace
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	Field Turb	5.84	NTU				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	Redox Potential (Field)	144	mV				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	Specific Conductance (Field)	2699	umhos/cm				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	Temp (Field)	23.3	Deg.C				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Field	pH (Field)	5.32	S.U.				1	24-Jun-22	Field
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	SM2540C	Residue, Filterable (TDS)	2162	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR5XX02	CCR 5 DUP	22-Jun-22	Total Radium Calcula	Total Radium	1.66	pCi/L		1.62	1.62	1	21-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Barium	47.3	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Boron	33986	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Calcium	429450	ug/L		14.6	20.0	1	28-Jun-22	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
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	58.2	ug/L		1.48	16.0	1	28-Jun-22	AC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.8 TOTAL	Arsenic	0.621	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 200.8 TOTAL	Selenium	4.00	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	06-Jul-22	KC
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 300.0	Chloride	195	mg/L		12.5	25.0	5	11-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	11-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 300.0	Sulfate	2220	mg/L		125	250	50	11-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 903.1	Radium-226	1.59	pCi/L		0.901	0.901	1	18-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	EPA 904.0	Radium-228	3.44	pCi/L		0.896	0.896	1	18-Jul-22	Pace
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	DO (Field) Concentration	0.4	mg/L				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	Field Turb	1.61	NTU				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	Redox Potential (Field)	130	mV				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	Specific Conductance (Field)	4182	umhos/cm				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	Temp (Field)	23.5	Deg.C				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	Field	pH (Field)	6.04	S.U.				1	24-Jun-22	Field
S220622PPCCR6XX01	CCR 6	22-Jun-22	SM2540C	Residue, Filterable (TDS)	3400	mg/L		3	5	1	27-Jun-22	PW
S220622PPCCR6XX01	CCR 6	22-Jun-22	Total Radium Calcula	Total Radium	5.03	pCi/L		1.80	1.80	1	21-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Barium	72.0	ug/L		0.175	20.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Boron	37523	ug/L		5.06	20.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Calcium	316120	ug/L		14.6	20.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Chromium	3.54	ug/L	I	0.456	16.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.7 TOTAL	Molybdenum	2.47	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.8 TOTAL	Arsenic	1.23	ug/L	I	0.149	2.00	1	28-Jun-22	AB
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 200.8 TOTAL	Selenium	6.92	ug/L		0.948	2.00	1	28-Jun-22	AB
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	06-Jul-22	KC
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 300.0	Chloride	463	mg/L		12.5	25.0	5	11-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 300.0	Fluoride	0.079	mg/L	I,D3	0.073	0.25	5	11-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 300.0	Sulfate	1560	mg/L		125	250	50	11-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 6020B	Lithium	0.72	ug/L	I	0.50	2.5	1	13-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 903.1	Radium-226	5.53	pCi/L		0.599	0.599	1	18-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	EPA 904.0	Radium-228	7.81	pCi/L		0.807	0.807	1	18-Jul-22	Pace
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	DO (Field) Concentration	0.5	mg/L				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	Field Turb	8.39	NTU				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	Redox Potential (Field)	132	mV				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	Specific Conductance (Field)	4292	umhos/cm				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	Temp (Field)	23.8	Deg.C				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	Field	pH (Field)	5.13	S.U.				1	24-Jun-22	Field
S220622PPCCR7XX01	CCR 7	22-Jun-22	SM2540C	Residue, Filterable (TDS)	3173	mg/L		3	5	1	24-Jun-22	PW
S220622PPCCR7XX01	CCR 7	22-Jun-22	Total Radium Calcula	Total Radium	13.3	pCi/L		1.41	1.41	1	21-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Barium	0.175 U	ug/L		0.175	20.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Boron	5.06 U	ug/L		5.06	20.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Calcium	14.6 U	ug/L		14.6	20.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Chromium	0.456 U	ug/L		0.456	16.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Cobalt	0.784 U	ug/L		0.784	20.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.7 TOTAL	Molybdenum	2.16	ug/L	I	1.48	16.0	1	28-Jun-22	AC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.8 TOTAL	Antimony	0.345 U	ug/L		0.345	2.00	1	28-Jun-22	AB
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	2.00	1	28-Jun-22	AB
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.8 TOTAL	Lead	0.102 U	ug/L		0.102	0.500	1	28-Jun-22	AB
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 200.8 TOTAL	Selenium	0.948 U	ug/L		0.948	2.00	1	28-Jun-22	AB
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	06-Jul-22	KC
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 300.0	Chloride	2.5 U	mg/L	U	2.5	5.0	1	14-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	14-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 300.0	Sulfate	2.5 U	mg/L	U	2.5	5.0	1	14-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 6020B	Lithium	0.50 U	ug/L	U	0.50	2.5	1	13-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 903.1	Radium-226	1.02	pCi/L		0.397	0.397	1	18-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	EPA 904.0	Radium-228	0.881U	pCi/L	U	0.881	0.881	1	18-Jul-22	Pace
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	SM2540C	Residue, Filterable (TDS)	3 U	mg/L		3	5	1	24-Jun-22	PW
S220621PPCCRFBFB01	CCR Field Blank	21-Jun-22	Total Radium Calcula	Total Radium	1.28	pCi/L		1.28	1.28	1	21-Jul-22	Pace

December 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Barium	43.1	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.819	ug/L	I	0.292	2.00	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Boron	1379.9	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Calcium	24661	ug/L		21.0	40.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.8	Lithium	2.0	ug/L		0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.551	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 300.0	Chloride	15.7	mg/L		2.5	5.0	1	28-Dec-22	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 300.0	Fluoride	0.078	mg/L		0.015	0.050	1	28-Dec-22	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 300.0	Sulfate	249	mg/L		12.5	25.0	5	29-Dec-22	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 903.1	Radium-226	1.12	pCi/L		0.986	0.986	1	05-Jan-23	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	EPA 904.0	Radium-228	0.871U	pCi/L	U	0.871	0.871	1	04-Jan-23	Pace
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	DO (Field) Concentration	0.18	mg/L				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	Field Turb	5	NTU				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	Redox Potential (Field)	53	mV				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	Specific Conductance (Field)	600	umhos/cm				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	Temp (Field)	23.2	Deg.C				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	Field	pH (Field)	4.80	S.U.				1	13-Dec-22	Field
S221208PPCCR1XX01	CCR 1	08-Dec-22	SM2540C	Residue, Filterable (TDS)	474	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR1XX01	CCR 1	08-Dec-22	Total Radium Calcula	Total Radium	1.84	pCi/L		1.86	1.86	1	05-Jan-23	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Barium	48.4	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Beryllium	1.41	ug/L	I	0.292	2.00	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Boron	1282.8	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Calcium	43151	ug/L		21.0	40.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Chromium	1.69	ug/L	I	0.470	16.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.8	Lithium	3.3	ug/L		0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.523	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.8 TOTAL	Lead	0.198	ug/L	I	0.181	0.625	1	20-Dec-22	AB
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 300.0	Chloride	11.8	mg/L		2.5	5.0	1	28-Dec-22	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 300.0	Fluoride	0.20	mg/L		0.015	0.050	1	28-Dec-22	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 300.0	Sulfate	284	mg/L		12.5	25.0	5	29-Dec-22	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 903.1	Radium-226	0.418	pCi/L		0.782	0.782	1	05-Jan-23	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	EPA 904.0	Radium-228	0.808	pCi/L		0.790	0.790	1	04-Jan-23	Pace
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	DO (Field) Concentration	0.24	mg/L				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	Field Turb	32	NTU				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	Redox Potential (Field)	-91	mV				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	Specific Conductance (Field)	647	umhos/cm				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	Temp (Field)	23.2	Deg.C				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	Field	pH (Field)	4.50	S.U.				1	13-Dec-22	Field
S221208PPCCR2XX01	CCR 2	08-Dec-22	SM2540C	Residue, Filterable (TDS)	475	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR2XX01	CCR 2	08-Dec-22	Total Radium Calcula	Total Radium	1.23	pCi/L		1.57	1.57	1	05-Jan-23	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Barium	26.0	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Boron	4133.8	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Calcium	415160	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.515	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 300.0	Chloride	26.8	mg/L		12.5	25.0	5	29-Dec-22	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	29-Dec-22	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 300.0	Sulfate	1070	mg/L		50.0	100	20	29-Dec-22	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 903.1	Radium-226	0.976	pCi/L		0.911	0.911	1	05-Jan-23	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	EPA 904.0	Radium-228	1.06	pCi/L		0.873	0.873	1	04-Jan-23	Pace
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	DO (Field) Concentration	0.32	mg/L				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	Field Turb	8	NTU				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	Redox Potential (Field)	-5.1	mV				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	Specific Conductance (Field)	1890	umhos/cm				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	Temp (Field)	23.0	Deg.C				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	Field	pH (Field)	4.63	S.U.				1	13-Dec-22	Field
S221208PPCCR3XX01	CCR 3	08-Dec-22	SM2540C	Residue, Filterable (TDS)	1581	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR3XX01	CCR 3	08-Dec-22	Total Radium Calcula	Total Radium	2.04	pCi/L		1.78	1.78	1	05-Jan-23	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Barium	102.06	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	15-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Boron	33422	ug/L		27.9	100	5	28-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Calcium	372610	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Chromium	2.52	ug/L	I	0.470	16.0	1	15-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.70	ug/L	I	4.08	16.0	1	15-Dec-22	AC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.8	Lithium	0.46	ug/L	I	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.467	ug/L	I	0.431	2.50	1	20-Dec-22	AB
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.8 TOTAL	Arsenic	1.85	ug/L	I	0.250	2.50	1	20-Dec-22	AB

December 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.8 TOTAL	Lead	0.941	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 200.8 TOTAL	Selenium	4.23	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 300.0	Chloride	52.0	mg/L		12.5	25.0	5	31-Dec-22	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	31-Dec-22	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 300.0	Sulfate	1190	mg/L		50.0	100	20	29-Dec-22	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 903.1	Radium-226	1.27	pCi/L		0.807	0.807	1	05-Jan-23	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	EPA 904.0	Radium-228	1.29	pCi/L		0.730	0.730	1	04-Jan-23	Pace
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	DO (Field) Concentration	0.16	mg/L				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	Field Turb	98	NTU				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	Redox Potential (Field)	-212	mV				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	Specific Conductance (Field)	2457	umhos/cm				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	Temp (Field)	24.3	Deg.C				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	Field	pH (Field)	5.78	S.U.				1	13-Dec-22	Field
S221208PPCCR4XX01	CCR 4	08-Dec-22	SM2540C	Residue, Filterable (TDS)	2053	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR4XX01	CCR 4	08-Dec-22	Total Radium Calcula	Total Radium	2.56	pCi/L		1.54	1.54	1	05-Jan-23	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Barium	90.7	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	15-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Boron	20922	ug/L		27.9	100	5	28-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Calcium	320820	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Chromium	2.05	ug/L	I	0.470	16.0	1	15-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.8	Lithium	0.40	ug/L	I	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.8 TOTAL	Arsenic	3.67	ug/L		0.250	2.50	1	20-Dec-22	AB
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.8 TOTAL	Lead	0.214	ug/L	I	0.181	0.625	1	20-Dec-22	AB
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 200.8 TOTAL	Selenium	4.91	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 245.1	Mercury	0.0120	ug/L	I	0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 300.0	Chloride	60.4	mg/L		12.5	25.0	5	31-Dec-22	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	31-Dec-22	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 300.0	Sulfate	1240	mg/L		50.0	100	20	29-Dec-22	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 903.1	Radium-226	0.929	pCi/L		1.08	1.08	1	05-Jan-23	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	EPA 904.0	Radium-228	1.33	pCi/L		0.814	0.814	1	04-Jan-23	Pace
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	DO (Field) Concentration	0.11	mg/L				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	Field Turb	16.4	NTU				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	Redox Potential (Field)	-215	mV				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	Specific Conductance (Field)	2719	umhos/cm				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	Temp (Field)	24.8	Deg.C				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	Field	pH (Field)	5.86	S.U.				1	13-Dec-22	Field
S221208PPCCR5XX01	CCR 5	08-Dec-22	SM2540C	Residue, Filterable (TDS)	3443	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR5XX01	CCR 5	08-Dec-22	Total Radium Calcula	Total Radium	2.26	pCi/L		1.89	1.89	1	05-Jan-23	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Barium	39.0	ug/L		0.663	20.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Boron	32055	ug/L	J1	5.57	20.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Calcium	426420	ug/L		21.0	40.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	36.5	ug/L		4.08	16.0	1	19-Dec-22	AC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.865	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 200.8 TOTAL	Selenium	4.30	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 245.1	Mercury	0.0110	ug/L	I	0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 300.0	Chloride	214	mg/L		12.5	25.0	5	31-Dec-22	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	31-Dec-22	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 300.0	Sulfate	1890	mg/L		125	250	50	29-Dec-22	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 903.1	Radium-226	1.22	pCi/L		0.771	0.771	1	05-Jan-23	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	EPA 904.0	Radium-228	2.51	pCi/L		0.877	0.877	1	04-Jan-23	Pace
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	DO (Field) Concentration	0.17	mg/L				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	Field Turb	10.8	NTU				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	Redox Potential (Field)	-241	mV				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	Specific Conductance (Field)	4407	umhos/cm				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	Temp (Field)	24.4	Deg.C				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	Field	pH (Field)	6.36	S.U.				1	13-Dec-22	Field
S221208PPCCR6XX01	CCR 6	08-Dec-22	SM2540C	Residue, Filterable (TDS)	3533	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR6XX01	CCR 6	08-Dec-22	Total Radium Calcula	Total Radium	3.73	pCi/L		1.65	1.65	1	05-Jan-23	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Barium	39.0	ug/L		0.663	20.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Boron	32402	ug/L		5.57	20.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Calcium	427940	ug/L		21.0	40.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.497	ug/L	I	0.470	16.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	37.5	ug/L		4.08	16.0	1	19-Dec-22	AC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.797	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 200.8 TOTAL	Selenium	4.53	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 300.0	Chloride	214	mg/L		12.5	25.0	5	31-Dec-22	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	31-Dec-22	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 300.0	Sulfate	1890	mg/L		125	250	50	29-Dec-22	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 903.1	Radium-226	1.63	pCi/L		0.872	0.872	1	05-Jan-23	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	EPA 904.0	Radium-228	3.37	pCi/L		0.841	0.841	1	04-Jan-23	Pace
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	DO (Field) Concentration	0.17	mg/L				1	13-Dec-22	Field
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	Field Turb	10.8	NTU				1	13-Dec-22	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
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	Redox Potential (Field)	-241	mV				1	13-Dec-22	Field
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	Specific Conductance (Field)	4407	umhos/cm				1	13-Dec-22	Field
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	Temp (Field)	24.4	Deg.C				1	13-Dec-22	Field
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Field	pH (Field)	6.36	S.U.				1	13-Dec-22	Field
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	SM2540C	Residue, Filterable (TDS)	3443	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR6XX02	CCR 6 DUP	08-Dec-22	Total Radium Calcula	Total Radium	5.00	pCi/L		1.71	1.71	1	05-Jan-23	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Barium	72.0	ug/L		0.663	20.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Boron	35896	ug/L		5.57	20.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Calcium	331140	ug/L		21.0	40.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Chromium	3.74	ug/L	I	0.470	16.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Cobalt	1.13	ug/L	I	0.912	20.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	19-Dec-22	AC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.8	Lithium	0.42	ug/L	I	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.8 TOTAL	Arsenic	1.67	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 200.8 TOTAL	Selenium	6.75	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 300.0	Chloride	399	mg/L		12.5	25.0	5	29-Dec-22	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	29-Dec-22	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 300.0	Sulfate	1630	mg/L		50.0	100	20	29-Dec-22	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 903.1	Radium-226	2.62	pCi/L		0.605	0.605	1	05-Jan-23	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	EPA 904.0	Radium-228	5.93	pCi/L		0.808	0.808	1	04-Jan-23	Pace
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	DO (Field) Concentration	10.1	mg/L				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	Field Turb	7.3	NTU				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	Redox Potential (Field)	-272	mV				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	Specific Conductance (Field)	4303	umhos/cm				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	Temp (Field)	23.6	Deg.C				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	Field	pH (Field)	5.99	S.U.				1	13-Dec-22	Field
S221208PPCCR7XX01	CCR 7	08-Dec-22	SM2540C	Residue, Filterable (TDS)	3072	mg/L		3	5	1	12-Dec-22	GP
S221208PPCCR7XX01	CCR 7	08-Dec-22	Total Radium Calcula	Total Radium	8.55	pCi/L		1.41	1.41	1	05-Jan-23	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Barium	0.663 U	ug/L		0.663	20.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Boron	11.2	ug/L	I	5.57	20.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Calcium	21.0 U	ug/L		21.0	40.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	19-Dec-22	AC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.250 U	ug/L		0.250	2.50	1	20-Dec-22	AB
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 245.1	Mercury	0.0280	ug/L	I	0.00600	0.200	1	15-Dec-22	KC
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 300.0	Chloride	2.5 U	mg/L	U	2.5	5.0	1	29-Dec-22	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	29-Dec-22	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 300.0	Sulfate	2.5 U	mg/L	U	2.5	5.0	1	29-Dec-22	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 903.1	Radium-226	-0.0527	pCi/L		0.792	0.792	1	05-Jan-23	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	EPA 904.0	Radium-228	0.676U	pCi/L	U	0.676	0.676	1	04-Jan-23	Pace
S221208PPCCRFBFB01	CCR Field Blank	08-Dec-22	Total Radium Calcula	Total Radium	0.592	pCi/L		1.47	1.47	1	05-Jan-23	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Barium	33.2	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Boron	4329.4	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Calcium	288350	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.858	ug/L	I	0.470	16.0	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.8	Lithium	0.23	ug/L	I	0.22	1.0	1	16-Dec-22	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.8 TOTAL	Arsenic	1.13	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.61	ug/L	I	1.19	2.50	1	20-Dec-22	AB
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 300.0	Chloride	44.7	mg/L		5.0	10.0	2	31-Dec-22	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 300.0	Fluoride	0.096	mg/L	I,D3	0.029	0.10	2	31-Dec-22	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 300.0	Sulfate	993	mg/L		25.0	50.0	10	29-Dec-22	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 903.1	Radium-226	1.22	pCi/L		0.841	0.841	1	05-Jan-23	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	EPA 904.0	Radium-228	0.756U	pCi/L	U	0.756	0.756	1	04-Jan-23	Pace
S221208PPAW6XX01	AW-6	08-Dec-22	Field	DO (Field) Concentration	1.55	mg/L				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	Field	Field Turb	8.41	NTU				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	Field	Redox Potential (Field)	-149.0	mV				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	Field	Specific Conductance (Field)	1705	umhos/cm				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	Field	Temp (Field)	24.7	Deg.C				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	Field	pH (Field)	4.41	S.U.				1	13-Dec-22	Field
S221208PPAW6XX01	AW-6	08-Dec-22	SM2540C	Residue, Filterable (TDS)	1373	mg/L		3	5	1	12-Dec-22	GP
S221208PPAW6XX01	AW-6	08-Dec-22	Total Radium Calcula	Total Radium	1.84	pCi/L		1.60	1.60	1	05-Jan-23	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Barium	27.0	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	2.00	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Boron	7231.0	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Calcium	225940	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	5.54	ug/L	I	4.08	16.0	1	15-Dec-22	AC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.8 TOTAL	Arsenic	6.01	ug/L		0.250	2.50	1	20-Dec-22	AB
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB

December 2022 Laboratory Analytical Results

LAB_SAMPLE_ID	CUST_SAMPLE_ID	COLLECT_DATE	METHOD	CMP_DESC	RESULT	UNITS	QUALIFIERS	MDL	PQL	DIL_FACT	ANAL_DATE_TIME	ANALYST
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.49	ug/L	I, J2	1.19	2.50	1	20-Dec-22	AB
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 300.0	Chloride	37.0	mg/L		5.0	10.0	2	31-Dec-22	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	31-Dec-22	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 300.0	Sulfate	624	mg/L		25.0	50.0	10	29-Dec-22	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 903.1	Radium-226	1.98	pCi/L		1.05	1.05	1	05-Jan-23	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	EPA 904.0	Radium-228	0.765	pCi/L		0.765	0.765	1	04-Jan-23	Pace
S221208PPAW7XX01	AW-7	08-Dec-22	Field	DO (Field) Concentration	0.94	mg/L				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	Field	Field Turb	2.25	NTU				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	Field	Redox Potential (Field)	-277.8	mV				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	Field	Specific Conductance (Field)	1409	umhos/cm				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	Field	Temp (Field)	25.2	Deg.C				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	Field	pH (Field)	6.38	S.U.				1	13-Dec-22	Field
S221208PPAW7XX01	AW-7	08-Dec-22	SM2540C	Residue, Filterable (TDS)	1125	mg/L		3	5	1	12-Dec-22	GP
S221208PPAW7XX01	AW-7	08-Dec-22	Total Radium Calcula	Total Radium	2.75	pCi/L		1.82	1.82	1	05-Jan-23	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Barium	82.3	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.706	ug/L	I	0.292	2.00	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Boron	138.50	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Calcium	70235	ug/L		21.0	40.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.934	ug/L	I	0.470	16.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.8 TOTAL	Arsenic	0.273	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.19 U	ug/L		1.19	2.50	1	20-Dec-22	AB
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 300.0	Chloride	40.2	mg/L		2.5	5.0	1	29-Dec-22	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 300.0	Fluoride	0.082	mg/L		0.015	0.050	1	29-Dec-22	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 300.0	Sulfate	297	mg/L		12.5	25.0	5	31-Dec-22	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 903.1	Radium-226	1.37	pCi/L		0.686	0.686	1	05-Jan-23	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	EPA 904.0	Radium-228	1.71	pCi/L		0.989	0.989	1	04-Jan-23	Pace
S221208PPAW9XX01	AW-9	08-Dec-22	Field	DO (Field) Concentration	1.18	mg/L				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	Field	Field Turb	1.16	NTU				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	Field	Redox Potential (Field)	-15.1	mV				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	Field	Specific Conductance (Field)	747	umhos/cm				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	Field	Temp (Field)	22.1	Deg.C				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	Field	pH (Field)	4.32	S.U.				1	13-Dec-22	Field
S221208PPAW9XX01	AW-9	08-Dec-22	SM2540C	Residue, Filterable (TDS)	479	mg/L		3	5	1	12-Dec-22	GP
S221208PPAW9XX01	AW-9	08-Dec-22	Total Radium Calcula	Total Radium	3.08	pCi/L		1.68	1.68	1	05-Jan-23	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Barium	30.7	ug/L		0.663	20.0	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Beryllium	0.764	ug/L	I	0.292	2.00	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Boron	6797.9	ug/L		5.57	20.0	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Calcium	290500	ug/L		84.7	200	5	16-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Chromium	0.470 U	ug/L		0.470	16.0	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Cobalt	0.912 U	ug/L		0.912	20.0	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.7 TOTAL	Molybdenum	4.08 U	ug/L		4.08	16.0	1	15-Dec-22	AC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	16-Dec-22	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.8 TOTAL	Antimony	0.431 U	ug/L		0.431	2.50	1	20-Dec-22	AB
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.8 TOTAL	Arsenic	1.44	ug/L	I	0.250	2.50	1	20-Dec-22	AB
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.8 TOTAL	Lead	0.181 U	ug/L		0.181	0.625	1	20-Dec-22	AB
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 200.8 TOTAL	Selenium	1.41	ug/L	I	1.19	2.50	1	20-Dec-22	AB
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 245.1	Mercury	0.00600 U	ug/L		0.00600	0.200	1	15-Dec-22	KC
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 300.0	Chloride	48.0	mg/L		5.0	10.0	2	31-Dec-22	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 300.0	Fluoride	0.12	mg/L		0.029	0.10	2	31-Dec-22	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 300.0	Sulfate	946	mg/L		50.0	100	20	31-Dec-22	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 903.1	Radium-226	4.59	pCi/L		0.790	0.790	1	05-Jan-23	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	EPA 904.0	Radium-228	2.04	pCi/L		0.754	0.754	1	04-Jan-23	Pace
S221208PPAW10XX01	AW-10	08-Dec-22	Field	DO (Field) Concentration	0.96	mg/L				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	Field	Field Turb	4.69	NTU				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	Field	Redox Potential (Field)	-108.4	mV				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	Field	Specific Conductance (Field)	1837	umhos/cm				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	Field	Temp (Field)	22.3	Deg.C				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	Field	pH (Field)	4.42	S.U.				1	13-Dec-22	Field
S221208PPAW10XX01	AW-10	08-Dec-22	SM2540C	Residue, Filterable (TDS)	1482	mg/L		3	5	1	12-Dec-22	GP
S221208PPAW10XX01	AW-10	08-Dec-22	Total Radium Calcula	Total Radium	6.63	pCi/L		1.54	1.54	1	05-Jan-23	Pace