2020 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Byproduct Storage Area B

St. Johns River Power Park

Jacksonville, Florida

Submitted to:

JEA/SJRPP
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January 2021

Distribution List

JEA

Hopping Green & Sams

Golder Associates Inc.

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 the background monitoring (the collection of a minimum of eight independent samples prior to 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 pursuant to §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. The site is operating under the assessment monitoring program for 2019.

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

In May 2020, a statistical analysis of the 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 December 1, 2020 to address radium 226+227 at CCR-7 and molybdenum at CCR-6.

JEA held a public meeting pursuant to §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.

JEA is currently in the process of selecting and designing an appropriate remedy pursuant to §257.97. Semi-annual remedy selection progress reports were issued in June 2020 and January 2021 pursuant to §257.97(a).

[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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APPENDICES

1.0 INTRODUCTION

Pursuant to the Coal Combustion Residual (CCR) Rule[2], this Annual Groundwater Monitoring and Corrective Action report has been prepared for the Byproduct Storage Area B (Area 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 as **Figure 1**. SJRPP consisted of two coal fired steam-electric generation units and associated facilities, and decommissioning began in 2018. The primary CCRs generated at SJRPP include fly ash, bottom ash, and synthetic gypsum, a flue gas desulfurization product. Phase I of Area B encompasses approximately 30 acres in the northeast portion of the SJRPP. Area B Phase I is an active unlined landfill cell receiving residual CCR that are not sold for off-site beneficial use.

1.2 Site Hydrogeology

The main hydrogeologic units at Area 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 Area 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 Area 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/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**.

[2] 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.

2.0 CCR GROUNDWATER MONITORING ACTIVITIES

A statistically significant increase (SSI) analysis of the detection monitoring event performed October 11, 2017 indicated a number of 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 Area 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 January 13, 2019 in accordance with §257.96 (Golder 2019a) and completed 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 2020f). An addendum to the assessment of corrective measures was completed December 1, 2020 in accordance with §257.96 (Golder 2020g). JEA held a public meeting to discuss the results the assessment of corrective measures and the assessment of corrective measures addendum on December 17, 2020.

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

The monitoring wells that comprise the CCR groundwater monitoring well network (CCR-1, CCR-2, CCR-3, CCR-4, CCR-5, CCR-6 and CCR-7) were installed in October 2015 (Golder 2016). On July 28, 2020, it was noted that well CCR-6 was leaning eastward and upon further investigation the concrete pad was found to be broken. The well subsequently repaired and redeveloped (Golder 2020e).

Piezometers have been installed as part of the characterization required by §257.95(g)(1). One additional piezometer (AW-9) was installed in 2020 to assist in characterizing the nature and extent of the release (Golder 2020c). The piezometer construction details are provided in **Table 1** and locations are presented on **Figure 2**. The piezometers were constructed using standard monitoring wells installation procedures and were screened in the upper surficial aquifer (approximately 10 to 20 feet below ground surface).

2.2 Groundwater Sampling Activities

The groundwater sampling activities related to the CCR groundwater monitoring program for Area B that occurred during 2020 are described in the sections below.

2.2.1 Assessment Monitoring

The third annual assessment monitoring event was conducted on March 23, 2020, and subsequent semi-annual assessment monitoring events were conducted on June 15, 2020 and December 17, 2020. 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 2020, 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 mercury).

2.2.2 Characterization Sampling

In order to characterize the nature and extent of the release as part of the assessment of corrective measures, the following groundwater sampling events were performed:

Date	Wells/Piezometers	Parameters
March 23, 2020	AW-5, AW-6, AW-8	Radium 226+228
June 15, 2020	AW-5, AW-6, AW-8, AW-9	Appendix III, Appendix IV (-cadmium and mercury)
August 18, 2020	AW-1, AW-2, AW-3, AW-5, AW-6, AW-7, AW-8, AW-9 CCR-6, CCR-7, MW-8, MW-9	Appendix III, Appendix IV (-cadmium and mercury), aluminum, iron, magnesium, potassium, sodium, nitrate, phosphorus, alkalinity, hardness
December 17, 2020	AW-5, AW-6, AW-7, AW-8, AW-9	Appendix III, Appendix IV (-cadmium and mercury

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

2.3 Groundwater Sampling Methodology

CCR groundwater sampling at Area B was performed in accordance with §257.93(a). The monitoring wells were purged and sampled using low-flow sampling techniques (Golder 2015). Prior to 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. 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 Area 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 a potentiometric surface maps for the assessment monitoring events in March 2020, June 2020, August 2020, and December 2020 (**Figures 3** through **Figure 6**, 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 0.0023 feet per feet with an average eastward direction. A summary of the hydraulic gradients for each sampling event is provided in **Table 2**.

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)). Cadmium and mercury were not detected in the March 2020 annual assessment event. The following GWPS have been established for BSA-B:

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
Molybdenum	100 µg/L	CCR Rule GWPS
Selenium	50 µg/L	MCL
Thallium	2 µg/L	MCL
Radium 226+228	5 pCi/L	MCL

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 analyses 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 if there is no evidence of a shift in the constituent results from a well, then 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 past annual groundwater reports (Golder 2018b, Golder 2019b, Golder 2020a).

3.3.1 December 2019 Monitoring Event Statistical Analysis Evaluation

The updated statistical analysis of the results from the December 2019 semi-annual assessment monitoring event are summarized below:

Parameter	Well	LCL	Method
Antimony	CCR-4	2.14 µg/L	Non-parametric confidence band around Theil-Sen trend line
Arsenic	CCR-4	7.97 µg/L	Confidence interval around normal mean
Beryllium	CCR-4	1.73 µg/L	Confidence interval around arithmetic mean
Beryllium	CCR-5	0.841 µg/L	Non-parametric confidence interval around median
Molybdenum	CCR-6	35 µg/L	Non-parametric confidence interval around median
Radium 226+228	CCR-6	2.57 pCi/L	Confidence band around linear regression trend line
Radium 226+228	CCR-7	5.95 pCi/L	Confidence band around linear regression trend line
Selenium	CCR-4	8.80 µg/L	Confidence interval around arithmetic mean

One SSL above the GWPS was identified for radium 226+228 at CCR-6.

3.3.2 June 2020 Monitoring Event Statistical Analysis Evaluation

The updated statistical analysis of the results from the June 2020 semi-annual assessment monitoring event are summarized below:

Parameter	Well	LCL	Method
Antimony	CCR-4	1.81 µg/L	Confidence interval around arithmetic mean
Arsenic	CCR-4	7.56 µg/L	Confidence interval around normal mean
Beryllium	CCR-4	1.50 µg/L	Confidence interval around arithmetic mean
Beryllium	CCR-5	0.841 µg/L	Non-parametric confidence interval around median
Molybdenum	CCR-6	152.2 µg/L	Confidence interval around arithmetic mean (truncated dataset)
Radium 226+228	CCR-6	2.06 pCi/L	Confidence band around linear regression trend line
Radium 226+228	CCR-7	6.85 pCi/L	Confidence interval around normal mean
Selenium	CCR-4	8.42 µg/L	Confidence interval around arithmetic mean

Two SSLs above the GWPS was identified for radium 226+228 at CCR-7 and molybdenum at CCR-6.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The initial assessment of corrective measures was completed June 12, 2019 (Golder 2019c) and an addendum to the assessment of corrective measures was completed December 1, 2020. The reports noted that additional site data and characterization would be needed to evaluate feasible remedies and design appropriate corrective measures. A notification of the intent to close BSA-B was issued December 11, 2020 (Golder 2020h). JEA held a public meeting to discuss the results of the assessment of corrective measures on December 17, 2020.

Pursuant to §257.97(a), the remedy selection and design process must be documented in semi-annual progress reports. The remedy selection progress was documented in the semi-annual reports dated June 17, 2020 and January 12, 2021 (Golder 2020d and Golder 2021a).

Assessment monitoring will continue during remedy selection process. The fourth annual assessment monitoring event will be performed in March 2021. The subsequent semi-annual assessment monitoring events will be performed in June 2021 and December 2021. Additional site characterization monitoring may be conducted to assist in the evaluation and design of appropriate remedial options.

5.0 REFERENCES

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

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

Golder. 2016. Monitoring Well Installation Report, CCR Rule Compliance Support, Byproduct Storage Area B – Phase I, St. Johns River Power Park, Jacksonville, Florida, dated February 4, 2016.

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.

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

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

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.

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

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.

Golder. 2020c. AW-9 Piezometer Installation Report, CCR Rule Compliance Support, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated June 5.

Golder. 2020d. Semi-Annual Remedy Selection Progress Report, Byproduct Storage Area B, St. Johns River Power Park, dated June 17.

Golder. 2020e. Repair of Monitoring Well CCR-6, CCR Rule Compliance Support, Byproduct Storage Area B, St. Johns River Power Park, Jacksonville, Florida, dated August 8.

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

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

Golder. 2020h. Notification of Intent to Close CCR Landfill, St. Johns River Power Park, Byproduct Storage Area B, dated December 11.

Golder. 2021a. Semi-Annual Remedy Selection Progress Report, Byproduct Storage Area B, St. Johns River Power Park, dated January 14.

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

Signature Page

This Annual Report has been prepared to meet the requirements of §257.90(e).

Golder appreciates the opportunity to assist JEA with this project. Should you have any questions or need any additional information, please do not hesitate to contact us.

Golder Associates Inc.

Samuel F. Stafford, PE
Senior Project Engineer

Donald J. Miller
Principal and Practice Leader

SFS/DJM/ams

https://golderassociates.sharepoint.com/sites/110243/Project Files/6 Deliverables/Annual GW Report/2020/SJRPP 2020 Annual GW Report.docx

TABLES

TABLE 1
SUMMARY OF MONITORING WELL AND PIEZOMETER CONSTRUCTION DETAILS

St. Johns River Power Park
Byproduct Storage Area B - SJRPP

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	11/29/2018	2221266.24	487136.19	14.4	17.16	2.76	20.24	10.24-20.24
AW-2	11/29/2018	2221416.04	487138.12	13.3	16.14	2.84	20.16	10.16-20.16
AW-3	11/30/2018	2221699.22	487139.98	11.8	14.46	2.66	20.34	10.34-20.34
AW-4	2/8/2019	2221703.97	487052.84	10.5	13.49	2.99	20.01	10.01-20.01
AW-5	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	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

Notes:

* - 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

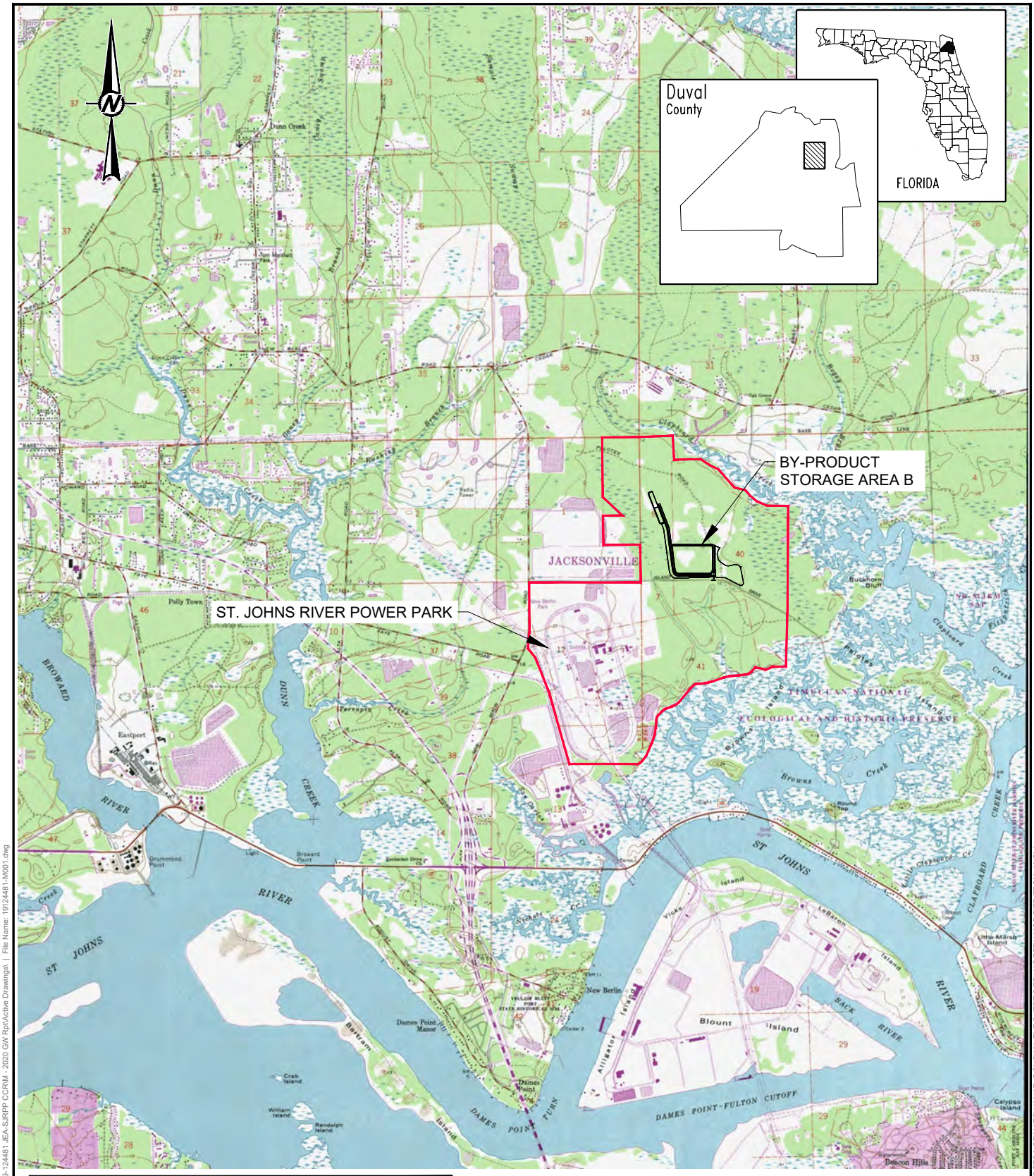
TABLE 2
SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS

St. Johns River Power Park
Byproduct Storage Area B - SJRPP

Well ID	23-Mar-20		15-Jun-20		18-Aug-20		17-Dec-20	
	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)	Depth to Water (ft TOC)	Groundwater Elevation (ft NAVD88)
CCR-1	6.45	10.13	5.34	11.24	NM	--	4.72	11.86
CCR-2	7.36	10.70	6.58	11.48	NM	--	5.85	12.21
CCR-3	6.05	11.69	4.22	13.52	NM	--	4.73	13.01
CCR-4	9.45	11.28	10.02	10.71	NM	--	9.88	10.85
CCR-5	10.65	7.64	9.36	8.93	NM	--	9.45	8.84
CCR-6	8.96	7.11	8.43	7.64	7.10	8.97	7.98	8.09
CCR-7	8.29	7.43	8.02	7.70	6.73	8.99	7.60	8.12
AW-1	10.54	6.62	10.02	7.14	7.68	9.48	9.62	7.54
AW-2	9.52	6.62	9.07	7.07	7.69	8.45	8.60	7.54
AW-3	7.90	6.56	7.38	7.08	6.06	8.40	6.84	7.62
AW-4	6.50	6.99	5.86	7.63	4.60	8.89	4.35	9.14
AW-5	7.18	6.28	6.60	6.86	5.33	8.13	5.81	7.65
AW-6	7.44	6.32	7.00	6.76	5.65	8.11	6.38	7.38
AW-7	7.50	5.67	NM	--	5.69	7.48	6.02	7.15
AW-8	6.85	6.31	6.90	6.26	4.94	8.22	5.47	7.69
AW-9	NM	--	4.96	7.20	4.38	7.78	4.49	7.67
Hydraulic Gradient (ft/ft)	**2.32E-03**		**2.59E-03**		**1.97E-03**		**2.20E-03**	
Flow Direction (degrees from N)	**78.8**		**88.5**		**61.3**		**87.9**	
Coefficient of Determination	**0.86**		**0.92**		**0.79**		**0.94**	

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 clockwise direction
NM - not measured
ft TOC - feet below top of casing

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

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

CONSULTANT
GOLDER

YYYY-MM-DD	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

TITLE
SITE LOCATION MAP

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M001		1

Path: \\golder.gds\complex\data\Office\Jacksonville\drafting\File\2019\19-124481 JEA-SJRPP CCRM - 2020 GW Rpt\Active Drawings\ | File Name: 19124481-M001.dwg

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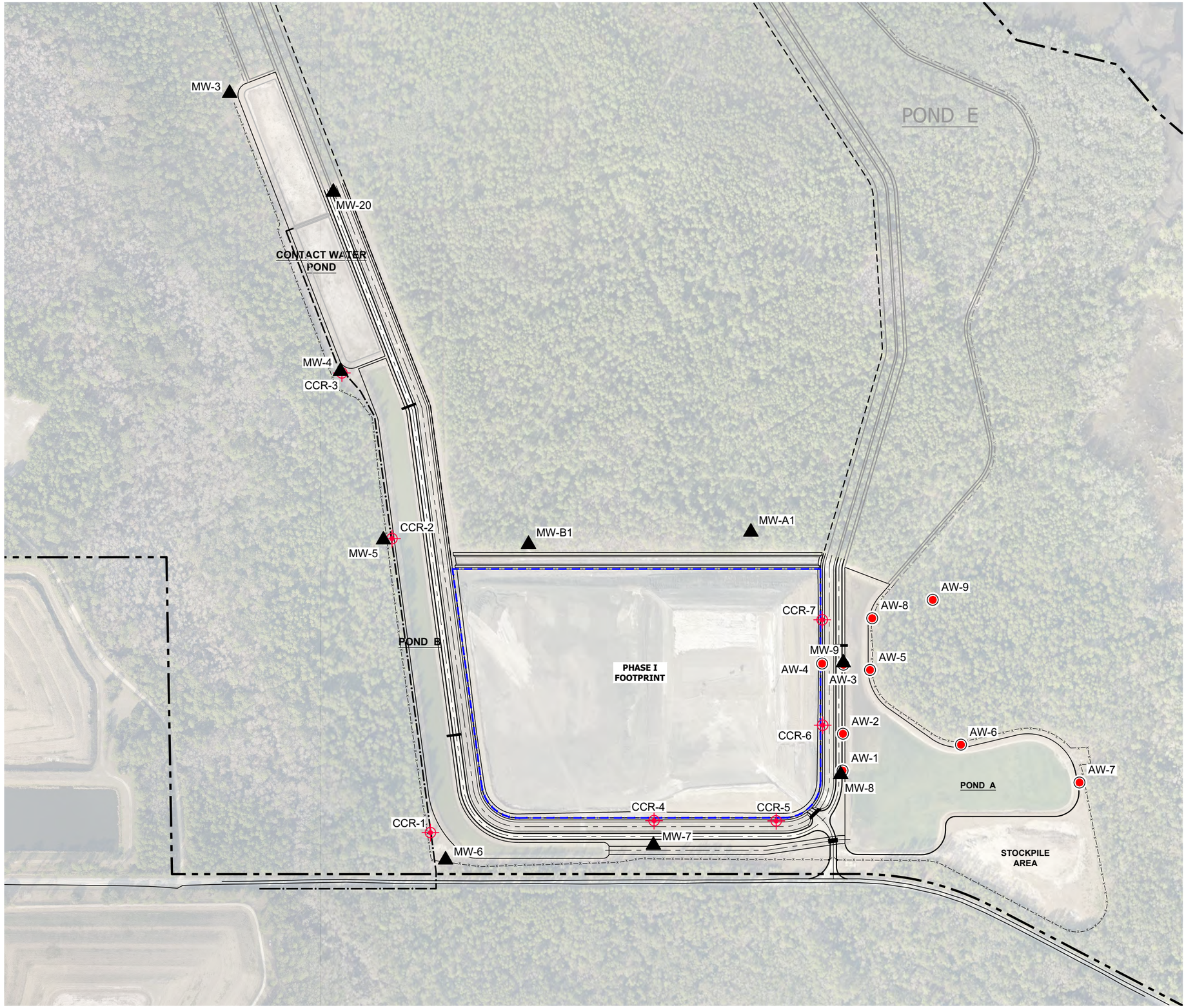

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- 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 FDEP BUREAU OF SURVEY AND MAPPING (LAND BOUNDARY INFORMATION SYSTEM), YEAR 2013.

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	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

TITLE
CCR GROUNDWATER MONITORING WELLS

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M002		2

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

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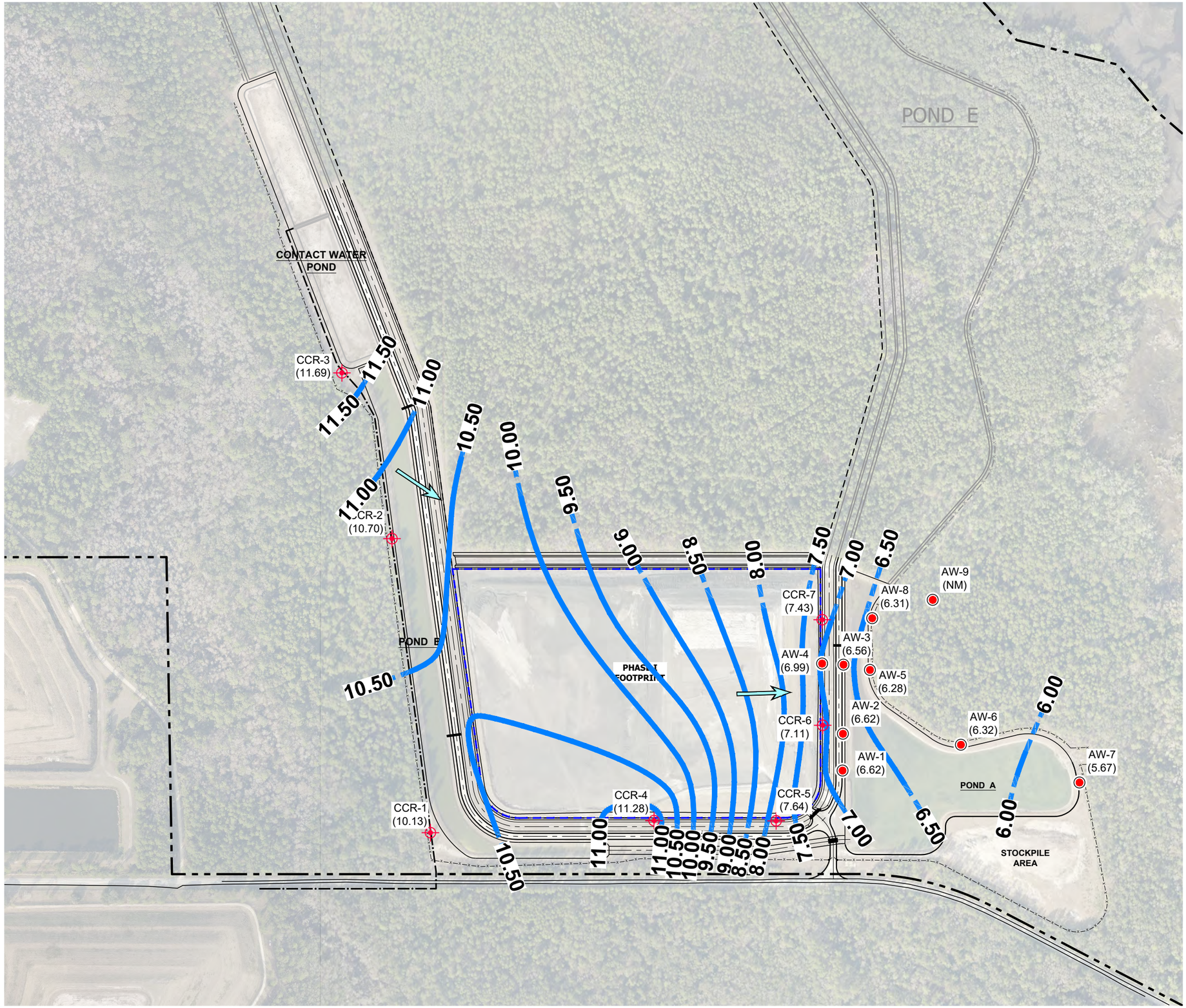

LEGEND

- 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 FDEP BUREAU OF SURVEY AND MAPPING (LAND BOUNDARY INFORMATION SYSTEM), YEAR 2013.

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

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SCALE FEET

CLIENT
JEA

CONSULTANT
GOLDER

YYYY-MM-DD	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

TITLE
POTENTIOMETRIC MAP
(MARCH 23, 2020)

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M003		3

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

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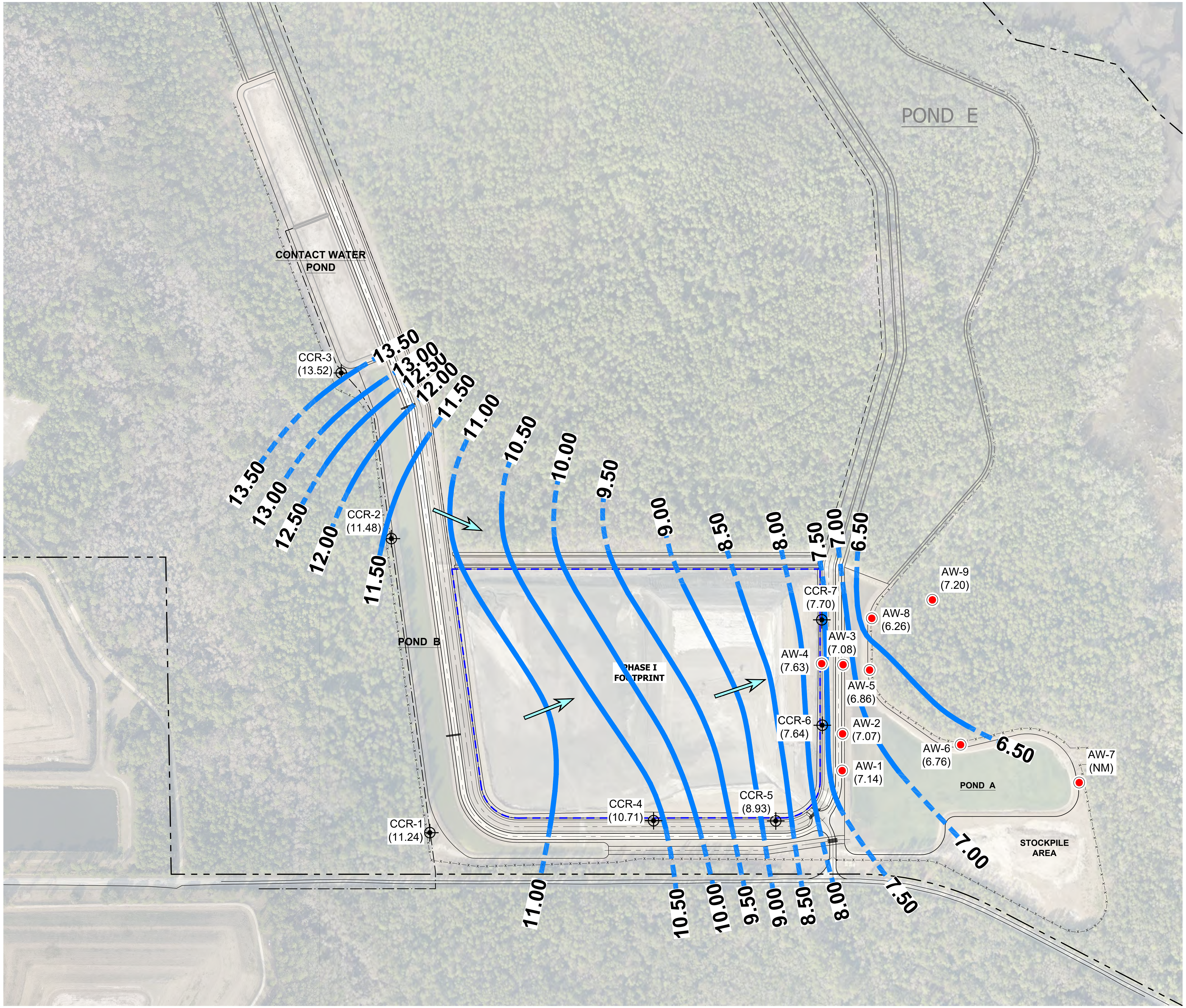

N

LEGEND

- PROPERTY BOUNDARY
- X — X — X — X 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 FDEP BUREAU OF SURVEY AND MAPPING (LAND BOUNDARY INFORMATION SYSTEM), YEAR 2013.

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

NOTE(S)

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SCALE FEET

CLIENT
JEA

CONSULTANT
GOLDER

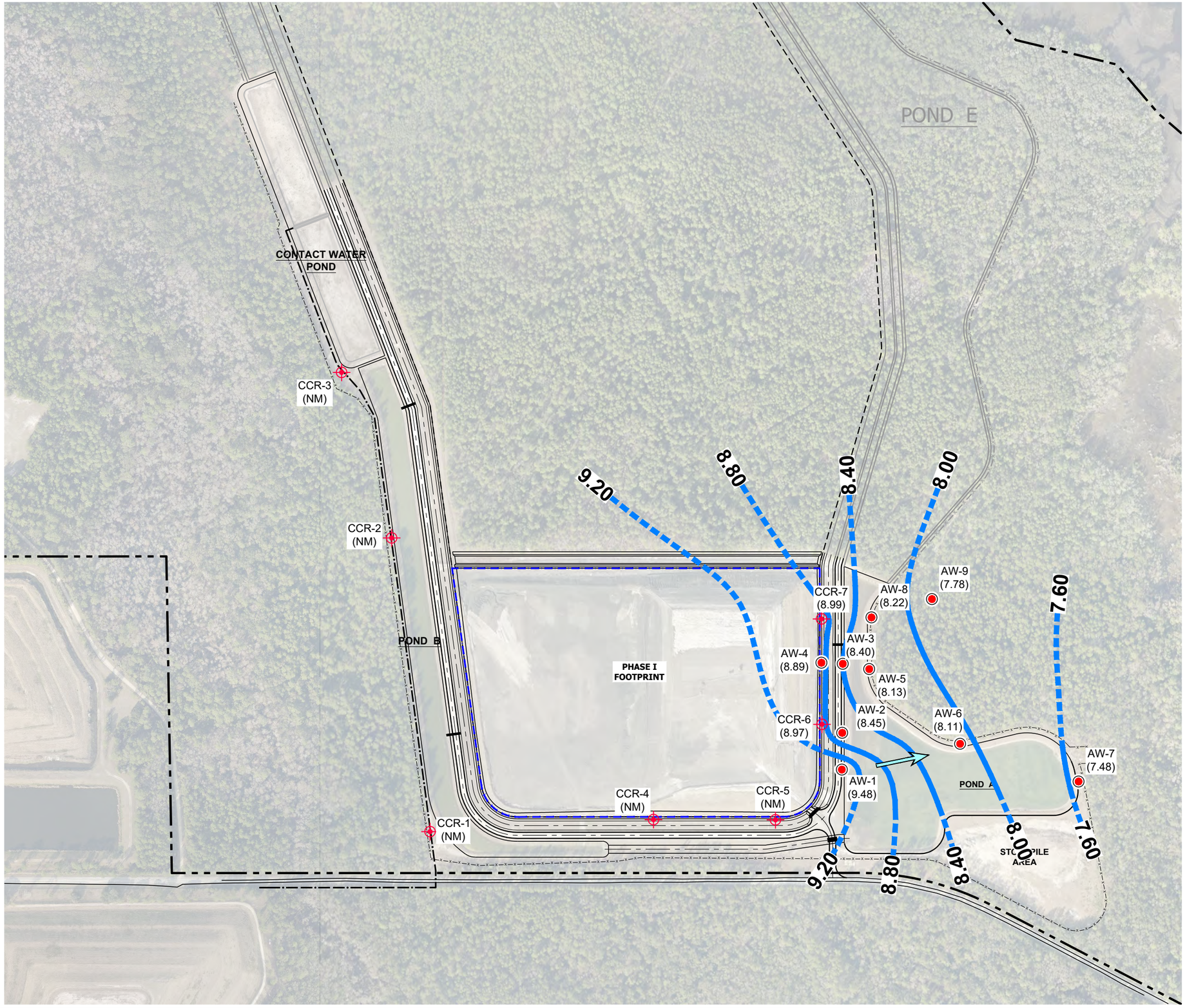
YYYY-MM-DD	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

TITLE
POTENTIOMETRIC MAP
(JUNE 15, 2020)

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M004		4

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



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (5.27) — GROUNDWATER ELEVATION (FT-NAVD88)
- 8.00 — 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 FDEP BUREAU OF SURVEY AND MAPPING (LAND BOUNDARY INFORMATION SYSTEM), YEAR 2013.

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

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SCALE FEET

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JEA

CONSULTANT
GOLDER

YYYY-MM-DD	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

TITLE
POTENTIOMETRIC MAP
(AUGUST 18, 2020)

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M005		5

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

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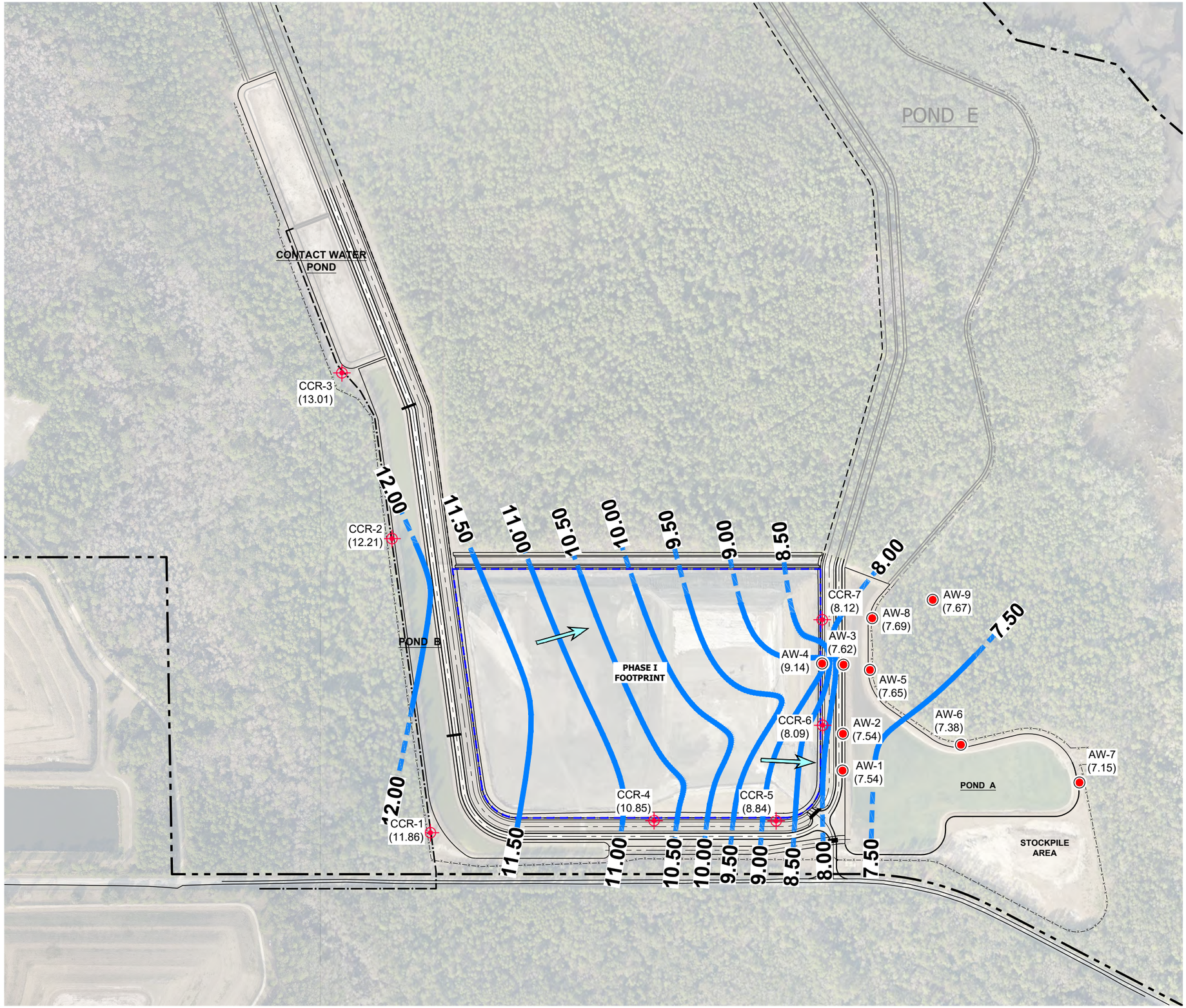

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCELINE
- PHASE I LIMIT OF WASTE
- CCR-1 — CCR GROUNDWATER MONITORING WELL LOCATIONS
- AW-1 — PIEZOMETER LOCATION
- (5.76) — GROUNDWATER ELEVATION (FT-NAVD88)
- 8.0 — 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 FDEP BUREAU OF SURVEY AND MAPPING (LAND BOUNDARY INFORMATION SYSTEM), YEAR 2013.

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	2021-01-21
DESIGNED	SFS
PREPARED	BCL
REVIEWED	SFS
APPROVED	DJM

PROJECT
ST. JOHNS RIVER POWER PARK - CCR SUPPORT
JACKSONVILLE, DUVAL COUNTY, FLORIDA

TITLE
POTENTIOMETRIC MAP
(DECEMBER 17, 2020)

PROJECT NO.	Phase	REV.	FIGURE
19-124481	19124481-M006		6

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

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APPENDIX A

Summary of Assessment Monitoring Results

Table A-1 - March 2020 Annual Assessment Monitoring Event Summary

		Appendix IV																Field Parameters					
Well ID	Sample Date	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Fluoride (mg/L)	Lead (ug/L)	Lithium (ug/L)	Mercury (ug/L)	Molybdenum (ug/L)	Selenium (ug/L)	Thallium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)	pH (Field) (S.U.)
CCR 1	23-Mar-20	0.153 U	0.340 I	61.9	0.988 I	0.224 U	0.711 U	1.10 U	0.15	0.0448 U	0.89 I	0.00575 U	1.27 U	1.03 J2	0.183 U	2.40	1.21	3.61	0.27	0.51	127.6	552	21.1	4.03
CCR 2	23-Mar-20	0.153 U	0.520	48.2	0.728 I	0.224 U	2.15 I	1.10 U	0.099	0.297 I	2.4	0.00575 U	1.27 U	0.432 U	0.278 I	1.31	1.05	2.36	0.44	14.0	93.3	420.4	21.1	4.49
CCR 3	23-Mar-20	0.153 U	0.606	56.3	0.410 I	0.224 U	0.711 U	1.10 U	0.088 I,D3	0.0490 I	0.22 U	0.00575 U	1.27 U	0.747	0.240 I	0.220	3.06	3.28	0.19	0.78	114.0	2100	21.0	4.48
CCR 4	23-Mar-20	2.22	7.26	107.72	0.292 U	0.224 U	0.972 I	1.10 U	0.029 U,D3	0.698	0.22 U	0.00575 U	10.6 I	3.55	0.210 I	3.10	1.61	4.71	0.23	48.0	-182.4	3612	22.8	6.28
CCR 5	23-Mar-20	0.153 U	1.13	204.49	1.21 I	0.224 U	1.91 I	1.10 U	0.20 I	0.0790 I	1.5	0.00575 U	1.27 U	4.80	0.183 U	0.730	1.72	2.45	0.24	3.20	-14.0	1791	22.8	4.77
CCR 6	23-Mar-20	0.153 U	0.373 I	37.7	0.292 U	0.224 U	0.711 U	1.10 U	0.16	0.148 I	0.22 U	0.00575 U	172.21	1.67	0.183 U	1.59	3.24	4.83	0.21	8.01	-60.3	3318	21.9	6.44
CCR 7	23-Mar-20	0.153 U	1.34	59.4	0.292 U	0.224 U	3.67 I	2.59 I	0.10	0.0580 I	0.54 I	0.00575 U	1.27 U	5.53	0.183 U	2.88	5.19	8.07	0.40	8.56	-63.6	4415	22.1	4.88
CCR 6 DUP	23-Mar-20	0.153 U	0.342 I	37.7	0.292 U	0.224 U	0.711 U	1.10 U	0.029 U,D3	0.0980 I	0.22 U	0.00575 U	179.26	1.73	0.183 U	1.65	3.41	5.05	0.21	8.01	-60.3	3318	21.9	6.44
CCR Field Blank	23-Mar-20	0.153 U	0.149 U	0.140 U	0.292 U	0.224 U	0.711 U	1.10 U	0.015 U	0.0448 U	0.22 U	0.00575 U	1.27 U	0.735	0.183 U	0.555 U	1.02 U	1.58 U						

U: Non-detect
I: Estimated value between MDL and PQL
D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Table A-2 - June 2020 Semi-Annual Assessment Monitoring Event Summary

		Appendix IV															Appendix III						Field Parameters				
Well ID	Sample 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)	Molybdenum (ug/L)	Selenium (ug/L)	Thallium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	Boron (ug/L)	Calcium (ug/L)	Chloride (mg/L)	Sulfate (mg/L)	Residue, Filterable (TDS) (mg/L)	pH (Field) (S.U.)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)
CCR 1	15-Jun-20	0.153 U	0.389 I	51.4	1.03 I	0.711 U	1.10 U	0.11	0.0448 U	0.79 I	1.27 U	0.867 U,J2	0.207 I	1.98	1.25U	2.89	1271.8	50372	15.9	220	377	4.47	6.91	1.83	-38	567	23.2
CCR 2	15-Jun-20	0.153 U	0.776	59.9	0.612 I	3.25 I	1.10 U	0.091	0.833	2.6	1.27 U	0.867 U,J2	0.213 I	0.702	1.43U	2.02U	470.84	12389	14.9	111 J(M1)	232	4.72	8.15	34.8	-77	346	22.9
CCR 3	15-Jun-20	0.153 U	0.676	49.9	0.454 I	0.832 I	1.10 U	0.073 U	0.0530 I	0.22 U	1.27 U	0.867 U,J2	0.200 I	2.61	2.64	5.25	6085.1	397360	33.9	1120	861	4.63	7.36	2.64	-43	2005	23.3
CCR 4	15-Jun-20	0.711	2.66	67.4	0.357 I	2.95 I	1.10 U	0.073 U,D3	1.05	0.22 U	3.49 I	12.8 J2	0.183 U	1.34	2.64	3.97	16835	586340	28.8	1460	2890	6.2	9.87	176	-245	2961	26.5
CCR 5	15-Jun-20	0.153 U	1.37	253.98	1.40 I	2.95 I	1.10 U	0.15	0.492 I	1.9	1.27 U	5.10 J2	0.183 U	0.785	1.59	2.38	10641	31972	266	366	1146	4.89	10.7	30.1	-6	1889	22.6
CCR 6	15-Jun-20	0.153 U	0.466 I	35.8	0.292 U	0.711 U	1.10 U	0.073 U,D3	0.0570 I	0.34 I	244.89	2.36 J2	0.183 U	1.86	2.33	4.19	32643	460930	74.0	1630	2988	6.74	5.99	2.68	-224	3350	23.4
CCR 7	15-Jun-20	0.153 U	1.49	57.8	0.292 U	4.41 I	2.38 I	0.073 U,D3	0.185 I	0.72 I	1.27 U	4.48 J2	0.183 U	4.28	4.73	9.02	33523	298960	289	1930	3340	4.77	9.19	5.88	-97	4291	23.4
CCR Field Blank	15-Jun-20	0.153 U	0.149 U	0.140 U	0.292 U	0.711 U	1.10 U	0.015 U	0.0448 U	0.22 U	1.27 U	0.867 U,J2	0.188 I	0.793 U	0.809 U	1.60 U	4.14 U	16.4 I	2.5 U	2.5 U	3 U,J4	NA	NA	NA	NA	NA	NA
CCR 7 Well DUP	15-Jun-20	0.153 U	1.33	58.4	0.292 U	4.48 I	2.42 I	0.073 U,D3	0.268 I	0.62 I	1.27 U	4.49 J2	0.214 I	3.51	4.75	8.26	33558	296210	297	1900	3408	4.77	9.19	5.88	-97	4291	23.4

U: Non-detect
I: Estimated value between MDL and PQL
D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
J(M1): Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery

Table A-3 - December 2020 Semi-Annual Assessment Monitoring Event Summary

		Appendix IV															Appendix III						Field Parameters				
Well ID	Sample 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)	Molybdenum (ug/L)	Selenium (ug/L)	Thallium (ug/L)	Radium-226 (pCi/L)	Radium-228 (pCi/L)	Total Radium (pCi/L)	Boron (ug/L)	Calcium (ug/L)	Chloride (mg/L)	Sulfate (mg/L)	Residue, Filterable (TDS) (mg/L)	pH (Field) (S.U.)	DO (Field) Concentration (mg/L)	Field Turb (NTU)	Redox Potential (Field) (mV)	Specific Conductance (Field) (umhos/cm)	Temp (Field) (Deg.C)
CCR 1	17-Dec-20	0.153 U	0.554	62.3	0.837 I	0.711 U	1.10 U	0.092	0.160 I	1.8	1.27 U	0.867 U	0.183 U	1.98	0.781	2.76	1115.7	32856	19.1	251	416	4.64	0.4	1.06	-129	549	22.5
CCR 2	17-Dec-20	0.153 U	0.712	66.3	0.703 I	3.39 I	1.10 U	0.092	0.502	2.9	1.27 U	0.867 U	0.183 U	0.671U	1.05 U	1.72 U	603.69	14306	12.5	127	252	4.59	0.2	14.6	-173	315	22.1
CCR 3	17-Dec-20	0.153 U	0.634	24.0	0.309 I	0.759 I	1.10 U	0.073 U	0.0980 I	0.22 U	31.7	0.867 U	0.183 U	2.00	1.56	3.56	3417.3	421500	45.3	842	1654	4.5	0.3	1.88	-128	1663	22.8
CCR 4	17-Dec-20	0.770	4.70	104.13	0.345 I	1.78 I	1.10 U	0.12 I,D3	0.775	0.22 U	7.33 I	4.37	0.183 U	1.86	1.66	3.52	46021	531290	75.6	1850	3124	6.36	0.3	240	-295	3051	18.5
CCR 5	17-Dec-20	0.153 U	1.07	151.10	1.41 I	2.86 I	1.10 U	0.029 U,D3	0.293 I	2.0	1.27 U	4.61 J2	0.183 U	1.32	2.29	3.61	13440	37621	271	507	1224	4.7	0.4	18.3	-130	1697	22.1
CCR 6	17-Dec-20	0.153 U	0.355 I	25.1	0.292 U	0.711 U	1.10 U	0.073 U,D3	0.115 I	0.22 U	102.95	1.78	0.274 I	1.86	1.78	3.64	25985	524770	26.7	1450	2718	6.75	0.2	3.88	-270	2707	21.7
CCR 7	17-Dec-20	0.153 U	1.72	52.1	0.292 U	4.51 I	2.03 I	0.17 I,D3	0.343 I	0.59 I	1.27 U	5.85	0.227 I	2.64	0.889 U	3.47	34036	297860	382	1940	3420	4.57	0.5	5.97	-247	4001	21.3
CCR Field Blank	17-Dec-20	0.153 U	0.149 U	0.140 U	0.292 U	0.711 U	1.10 U	0.015 U	0.0970 I	0.22 U	1.27 U	0.889 I	0.183 U	0.600 U	0.889 U	1.49 U	4.14 U	14.6 U	2.5 U	2.5 U	8	NA	NA	NA	NA	NA	NA
CCR 1 Well DUP	17-Dec-20	0.153 U	0.504	62.7	0.844 I	0.711 U	1.10 U	0.095	0.0810 I	1.9	1.27 U	0.867 U	0.183 U	1.94	1.42	3.36	1126.3	33465	19.6	263	436	4.64	0.4	1.06	-129	549	22.5

U: Non-detect
I: Estimated value between MDL and PQL
D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
J2: Estimated Value. Matrix interfered with ability to make accurate determination

APPENDIX B

Laboratory Analytical Results

December 2019 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
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Barium	66.5	ug/L		0.140	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Boron	30496	ug/L		20.7	100	1	09-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Calcium	267810	ug/L		34.8	100	1	09-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Chromium	4.35	ug/L	I	0.711	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Cobalt	3.65	ug/L	I	1.10	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	06-Jan-20	AC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.8	Lithium	0.80	ug/L	I	0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.201	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.8 TOTAL	Arsenic	1.81	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.8 TOTAL	Lead	0.162	ug/L	I	0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 200.8 TOTAL	Selenium	7.08	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 300.0	Chloride	416	mg/L		12.5	25.0	5	04-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 300.0	Fluoride	0.17 U	mg/L	U,D3	0.17	0.25	5	04-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 300.0	Sulfate	1780	mg/L		50.0	100	20	03-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 903.1	Radium-226	3.16	pCi/L		0.881	0.881	1	10-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	EPA 904.0	Radium-228	3.86	pCi/L		0.799	0.799	1	10-Jan-20	Pace
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	DO (Field) Concentration	0.48	mg/L				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	Field Turb	8.38	NTU				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	Redox Potential (Field)	-163.7	mV				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	Specific Conductance (Field)	4630	umhos/cm				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	Temp (Field)	20.7	Deg.C				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	Field	pH (Field)	4.65	S.U.				1	07-Jan-20	Field
S191219PPCCR7XX01	CCR 7	19-Dec-19	SM2540C	Residue, Filterable (TDS)	3347	mg/L			5	1	22-Dec-19	PW
S191219PPCCR7XX01	CCR 7	19-Dec-19	Total Radium Calcula	Total Radium	7.02	pCi/L		1.68	1.68	1	13-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Barium	0.140 U	ug/L		0.140	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Boron	4.14 U	ug/L		4.14	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Calcium	6.97 U	ug/L		6.97	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	06-Jan-20	AC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	01-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.166	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	07-Jan-20	AB
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 200.8 TOTAL	Selenium	0.600	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 300.0	Chloride	2.5 U	mg/L	U,J(M1)	2.5	5.0	1	03-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 300.0	Fluoride	0.034 U	mg/L	U	0.034	0.050	1	03-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 300.0	Sulfate	2.5 U	mg/L	U,J(M1)	2.5	5.0	1	03-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 903.1	Radium-226	0.501U	pCi/L	U	0.501	0.501	1	10-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	EPA 904.0	Radium-228	0.865U	pCi/L	U	0.865	0.865	1	10-Jan-20	Pace
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	SM2540C	Residue, Filterable (TDS)	5	mg/L			5	1	22-Dec-19	PW
S191219PPFBFB01	CCR 007 Well Field Blank	19-Dec-19	Total Radium Calcula	Total Radium	1.37U	pCi/L	U	1.37	1.37	1	13-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Barium	67.6	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Beryllium	1.05	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Boron	1252.5	ug/L		4.14	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Calcium	47617	ug/L		6.97	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.8	Lithium	1.1	ug/L		0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.233	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.8 TOTAL	Arsenic	0.623	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 200.8 TOTAL	Selenium	0.755	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 300.0	Chloride	15.0	mg/L		2.5	5.0	1	03-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 300.0	Fluoride	0.13	mg/L		0.034	0.050	1	03-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 300.0	Sulfate	225	mg/L		25.0	50.0	10	04-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 903.1	Radium-226	1.78	pCi/L		0.691	0.691	1	10-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	EPA 904.0	Radium-228	0.803U	pCi/L	U	0.803	0.803	1	10-Jan-20	Pace
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	DO (Field) Concentration	0.34	mg/L				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	Field Turb	1.25	NTU				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	Redox Potential (Field)	-132.1	mV				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	Specific Conductance (Field)	581	umhos/cm				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	Temp (Field)	19.6	Deg.C				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	Field	pH (Field)	4.40	S.U.				1	07-Jan-20	Field
S191219PPCCR1XX01	CCR 1	19-Dec-19	SM2540C	Residue, Filterable (TDS)	405	mg/L			5	1	22-Dec-19	PW
S191219PPCCR1XX01	CCR 1	19-Dec-19	Total Radium Calcula	Total Radium	2.34	pCi/L		1.49	1.49	1	13-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Barium	47.5	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Beryllium	1.10	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Boron	726.47	ug/L		4.14	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Calcium	19953	ug/L		6.97	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Chromium	3.18	ug/L	I	0.711	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.15	ug/L	I	1.10	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.8	Lithium	3.8	ug/L		0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.288	ug/L	I	0.153	0.500	1	07-Jan-20	AB

December 2019 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
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.8 TOTAL	Arsenic	0.911	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.8 TOTAL	Lead	0.583	ug/L		0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 200.8 TOTAL	Selenium	0.432 U	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 245.1	Mercury	0.00640	ug/L	I	0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 300.0	Chloride	16.4	mg/L		2.5	5.0	1	03-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 300.0	Fluoride	0.14	mg/L		0.034	0.050	1	03-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 300.0	Sulfate	184	mg/L		25.0	50.0	10	04-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 903.1	Radium-226	0.875U	pCi/L	U	0.875	0.875	1	10-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	EPA 904.0	Radium-228	0.971U	pCi/L	U	0.971	0.971	1	10-Jan-20	Pace
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	DO (Field) Concentration	0.24	mg/L				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	Field Turb	22.5	NTU				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	Redox Potential (Field)	-162.1	mV				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	Specific Conductance (Field)	449.8	umhos/cm				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	Temp (Field)	20.9	Deg.C				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	Field	pH (Field)	4.60	S.U.				1	07-Jan-20	Field
S191219PPCCR2XX01	CCR 2	19-Dec-19	SM2540C	Residue, Filterable (TDS)	360	mg/L			5	1	22-Dec-19	PW
S191219PPCCR2XX01	CCR 2	19-Dec-19	Total Radium Calcula	Total Radium	1.85U	pCi/L	U	1.85	1.85	1	13-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Barium	61.2	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Beryllium	0.541	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Boron	8507.7	ug/L		4.14	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Calcium	433720	ug/L		34.8	100	1	09-Jan-20	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Chromium	1.08	ug/L	I	0.711	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.224	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.8 TOTAL	Arsenic	1.02	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.8 TOTAL	Lead	0.109	ug/L	I	0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 200.8 TOTAL	Selenium	0.696	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 300.0	Chloride	42.7	mg/L		12.5	25.0	5	04-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 300.0	Fluoride	0.17 U	mg/L	U,D3	0.17	0.25	5	04-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 300.0	Sulfate	1210	mg/L		50.0	100	20	04-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 903.1	Radium-226	3.88	pCi/L		1.24	1.24	1	10-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	EPA 904.0	Radium-228	2.83	pCi/L		0.875	0.875	1	10-Jan-20	Pace
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	DO (Field) Concentration	0.22	mg/L				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	Field Turb	5.83	NTU				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	Redox Potential (Field)	-116.2	mV				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	Specific Conductance (Field)	2210	umhos/cm				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	Temp (Field)	20.8	Deg.C				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	Field	pH (Field)	4.39	S.U.				1	07-Jan-20	Field
S191219PPCCR3XX01	CCR 3	19-Dec-19	SM2540C	Residue, Filterable (TDS)	1900	mg/L			5	1	22-Dec-19	PW
S191219PPCCR3XX01	CCR 3	19-Dec-19	Total Radium Calcula	Total Radium	6.71	pCi/L		2.12	2.12	1	13-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Barium	106.78	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Beryllium	0.799	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Boron	31669	ug/L		20.7	100	1	09-Jan-20	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Calcium	566470	ug/L		34.8	100	1	09-Jan-20	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Chromium	3.81	ug/L	I	0.711	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.79	ug/L	I	1.10	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	17.9	ug/L	I	1.27	20.0	1	26-Dec-19	AC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.8	Lithium	0.40	ug/L	I	0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.8 TOTAL	Antimony	2.66	ug/L		0.153	0.500	1	07-Jan-20	AB
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.8 TOTAL	Arsenic	11.7	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.8 TOTAL	Lead	1.52	ug/L		0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 200.8 TOTAL	Selenium	4.41	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 245.1	Mercury	0.155	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 300.0	Chloride	54.1	mg/L		12.5	25.0	5	04-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 300.0	Fluoride	0.17 U	mg/L	U,D3	0.17	0.25	5	04-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 300.0	Sulfate	1570	mg/L		50.0	100	20	03-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 903.1	Radium-226	1.47	pCi/L		0.984	0.984	1	10-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	EPA 904.0	Radium-228	1.43	pCi/L		0.947	0.947	1	10-Jan-20	Pace
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	DO (Field) Concentration	0.17	mg/L				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	Field Turb	217	NTU				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	Redox Potential (Field)	-382	mV				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	Specific Conductance (Field)	3457	umhos/cm				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	Temp (Field)	22.3	Deg.C				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	Field	pH (Field)	6.26	S.U.				1	07-Jan-20	Field
S191219PPCCR4XX01	CCR 4	19-Dec-19	SM2540C	Residue, Filterable (TDS)	3198	mg/L			5	1	22-Dec-19	PW
S191219PPCCR4XX01	CCR 4	19-Dec-19	Total Radium Calcula	Total Radium	2.90	pCi/L		1.93	1.93	1	13-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Barium	334.80	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Beryllium	1.33	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Boron	8807.8	ug/L		4.14	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Calcium	28151	ug/L		6.97	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Chromium	2.79	ug/L	I	0.711	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.8	Lithium	2.5	ug/L		0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.185	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.8 TOTAL	Arsenic	1.13	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.8 TOTAL	Lead	0.466	ug/L	I	0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 200.8 TOTAL	Selenium	7.20	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 245.1	Mercury	0.0154	ug/L		0.00575	0.0125	1	31-Dec-19	KC

December 2019 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
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 300.0	Chloride	291	mg/L		12.5	25.0	5	03-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 300.0	Fluoride	0.15	mg/L		0.034	0.050	1	04-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 300.0	Sulfate	298	mg/L		12.5	25.0	5	03-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 903.1	Radium-226	0.841	pCi/L		0.662	0.662	1	10-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	EPA 904.0	Radium-228	0.967	pCi/L		0.897	0.897	1	10-Jan-20	Pace
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	DO (Field) Concentration	0.15	mg/L				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	Field Turb	13.9	NTU				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	Redox Potential (Field)	-192.9	mV				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	Specific Conductance (Field)	1768	umhos/cm				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	Temp (Field)	21.9	Deg.C				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	Field	pH (Field)	4.63	S.U.				1	07-Jan-20	Field
S191219PPCCR5XX01	CCR 5	19-Dec-19	SM2540C	Residue, Filterable (TDS)	1058	mg/L			5	1	22-Dec-19	PW
S191219PPCCR5XX01	CCR 5	19-Dec-19	Total Radium Calcula	Total Radium	1.81	pCi/L		1.56	1.56	1	13-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Barium	37.6	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Boron	37870	ug/L		20.7	100	1	09-Jan-20	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Calcium	458550	ug/L		34.8	100	1	09-Jan-20	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	156.22	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.351	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.8 TOTAL	Arsenic	0.739	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.8 TOTAL	Lead	0.299	ug/L	I	0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 200.8 TOTAL	Selenium	2.65	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 300.0	Chloride	97.8	mg/L		12.5	25.0	5	04-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 300.0	Fluoride	0.17 U	mg/L	U,D3	0.17	0.25	5	04-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 300.0	Sulfate	1800	mg/L		50.0	100	20	03-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 903.1	Radium-226	2.58	pCi/L		0.533	0.533	1	10-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	EPA 904.0	Radium-228	2.35	pCi/L		0.638	0.638	1	10-Jan-20	Pace
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	DO (Field) Concentration	0.19	mg/L				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	Field Turb	13.6	NTU				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	Redox Potential (Field)	-258.5	mV				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	Specific Conductance (Field)	3578	umhos/cm				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	Temp (Field)	20.5	Deg.C				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	Field	pH (Field)	6.58	S.U.				1	07-Jan-20	Field
S191219PPCCR6XX01	CCR 6	19-Dec-19	SM2540C	Residue, Filterable (TDS)	3058	mg/L			5	1	22-Dec-19	PW
S191219PPCCR6XX01	CCR 6	19-Dec-19	Total Radium Calcula	Total Radium	4.93	pCi/L		1.17	1.17	1	13-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Barium	66.5	ug/L		0.140	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Beryllium	1.04	ug/L	I	0.292	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Boron	1236.4	ug/L		4.14	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Calcium	48063	ug/L		6.97	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	26-Dec-19	AC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.8	Lithium	0.94	ug/L	I	0.22	1.0	1	01-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.8 TOTAL	Antimony	0.229	ug/L	I	0.153	0.500	1	07-Jan-20	AB
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.8 TOTAL	Arsenic	0.652	ug/L		0.149	0.500	1	07-Jan-20	AB
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.8 TOTAL	Lead	0.0500	ug/L	I	0.0448	0.500	1	07-Jan-20	AB
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 200.8 TOTAL	Selenium	0.830	ug/L		0.432	0.500	1	07-Jan-20	AB
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Dec-19	KC
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 300.0	Chloride	15.4	mg/L		5.0	10.0	2	03-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 300.0	Fluoride	0.14	mg/L		0.068	0.10	2	03-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 300.0	Sulfate	236	mg/L		12.5	25.0	5	04-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 903.1	Radium-226	1.03U	pCi/L	U	1.03	1.03	1	10-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	EPA 904.0	Radium-228	0.963	pCi/L		0.685	0.685	1	10-Jan-20	Pace
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	DO (Field) Concentration	0.34	mg/L				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	Field Turb	1.25	NTU				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	Redox Potential (Field)	-132.1	mV				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	Specific Conductance (Field)	581	umhos/cm				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	Temp (Field)	19.6	Deg.C				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Field	pH (Field)	4.40	S.U.				1	07-Jan-20	Field
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	SM2540C	Residue, Filterable (TDS)	407	mg/L			5	1	22-Dec-19	PW
S191219PPCCR1XX02	CCR 1 Well DUP	19-Dec-19	Total Radium Calcula	Total Radium	1.72U	pCi/L	U	1.72	1.72	1	13-Jan-20	Pace
S191219PPAW5XX01	AW-5	19-Dec-19	EPA 903.1	Radium-226	0.650U	pCi/L	U	0.650	0.650	1	10-Jan-20	Pace
S191219PPAW5XX01	AW-5	19-Dec-19	EPA 904.0	Radium-228	0.957U	pCi/L	U	0.957	0.957	1	10-Jan-20	Pace
S191219PPAW5XX01	AW-5	19-Dec-19	Field	DO (Field) Concentration	0.14	mg/L				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Field	Field Turb	3.63	NTU				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Field	Redox Potential (Field)	-107	mV				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Field	Specific Conductance (Field)	2051	umhos/cm				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Field	Temp (Field)	21.9	Deg.C				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Field	pH (Field)	4.62	S.U.				1	07-Jan-20	Field
S191219PPAW5XX01	AW-5	19-Dec-19	Total Radium Calcula	Total Radium	1.61U	pCi/L	U	1.61	1.61	1	13-Jan-20	Pace
S191219PPAW6XX01	AW-6	19-Dec-19	EPA 903.1	Radium-226	1.18U	pCi/L	U	1.18	1.18	1	10-Jan-20	Pace
S191219PPAW6XX01	AW-6	19-Dec-19	EPA 904.0	Radium-228	1.36	pCi/L		0.867	0.867	1	10-Jan-20	Pace
S191219PPAW6XX01	AW-6	19-Dec-19	Field	DO (Field) Concentration	0.16	mg/L				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Field	Field Turb	6.3	NTU				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Field	Redox Potential (Field)	-147	mV				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Field	Specific Conductance (Field)	1880	umhos/cm				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Field	Temp (Field)	23.1	Deg.C				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Field	pH (Field)	4.38	S.U.				1	07-Jan-20	Field
S191219PPAW6XX01	AW-6	19-Dec-19	Total Radium Calcula	Total Radium	2.28	pCi/L		2.05	2.05	1	13-Jan-20	Pace

December 2019 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
S191219PPAW8XX01	AW-8	19-Dec-19	EPA 903.1	Radium-226	1.88	pCi/L		0.823	0.823	1	10-Jan-20	Pace
S191219PPAW8XX01	AW-8	19-Dec-19	EPA 904.0	Radium-228	2.64	pCi/L		0.928	0.928	1	10-Jan-20	Pace
S191219PPAW8XX01	AW-8	19-Dec-19	Field	DO (Field) Concentration	0.17	mg/L				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Field	Field Turb	24.3	NTU				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Field	Redox Potential (Field)	-118.5	mV				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Field	Specific Conductance (Field)	2269	umhos/cm				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Field	Temp (Field)	21.7	Deg.C				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Field	pH (Field)	4.76	S.U.				1	07-Jan-20	Field
S191219PPAW8XX01	AW-8	19-Dec-19	Total Radium Calcula	Total Radium	4.52	pCi/L		1.75	1.75	1	13-Jan-20	Pace

March 2020 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
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Barium	61.9	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.988	ug/L	I	0.292	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.340	ug/L	I	0.149	0.500	1	27-Mar-20	AB
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8 TOTAL	Selenium	1.03	ug/L	J2	0.432	0.500	1	27-Mar-20	AB
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 300.0	Fluoride	0.15	mg/L		0.015	0.050	1	09-Apr-20	Pace
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 200.8	Lithium	0.89	ug/L	I	0.22	1.0	1	17-Apr-20	Pace
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 903.1	Radium-226	2.40	pCi/L		0.647	0.647	1	13-Apr-20	Pace
S200323PPCCR1XX01	CCR 1	23-Mar-20	EPA 904.0	Radium-228	1.21	pCi/L		0.557	0.557	1	09-Apr-20	Pace
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	DO (Field) Concentration	0.27	mg/L				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	Field Turb	0.51	NTU				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	Redox Potential (Field)	127.6	mV				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	Specific Conductance (Field)	552	umhos/cm				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	Temp (Field)	21.1	Deg.C				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Field	pH (Field)	4.03	S.U.				1	26-Mar-20	Field
S200323PPCCR1XX01	CCR 1	23-Mar-20	Total Radium Calcula	Total Radium	3.61	pCi/L		1.20	1.20	1	14-Apr-20	Pace
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Barium	48.2	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.728	ug/L	I	0.292	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Chromium	2.15	ug/L	I	0.711	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.520	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8 TOTAL	Lead	0.297	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8 TOTAL	Selenium	0.432 U	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.278	ug/L	I	0.183	0.500	1	27-Mar-20	AB
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 300.0	Fluoride	0.099	mg/L		0.015	0.050	1	09-Apr-20	Pace
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 200.8	Lithium	2.4	ug/L		0.22	1.0	1	17-Apr-20	Pace
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 903.1	Radium-226	1.31	pCi/L		1.22	1.22	1	13-Apr-20	Pace
S200323PPCCR2XX01	CCR 2	23-Mar-20	EPA 904.0	Radium-228	1.05	pCi/L		0.974	0.974	1	09-Apr-20	Pace
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	DO (Field) Concentration	0.44	mg/L				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	Field Turb	14.0	NTU				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	Redox Potential (Field)	93.3	mV				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	Specific Conductance (Field)	420.4	umhos/cm				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	Temp (Field)	21.1	Deg.C				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Field	pH (Field)	4.49	S.U.				1	26-Mar-20	Field
S200323PPCCR2XX01	CCR 2	23-Mar-20	Total Radium Calcula	Total Radium	2.36	pCi/L		2.19	2.19	1	14-Apr-20	Pace
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Barium	56.3	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.410	ug/L	I	0.292	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.606	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0490	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8 TOTAL	Selenium	0.747	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.240	ug/L	I	0.183	0.500	1	27-Mar-20	AB
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 300.0	Fluoride	0.088	mg/L	I,D3	0.029	0.10	2	09-Apr-20	Pace
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	2.0	1	17-Apr-20	Pace
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 903.1	Radium-226	0.220	pCi/L		0.149	0.149	1	13-Apr-20	Pace
S200323PPCCR3XX01	CCR 3	23-Mar-20	EPA 904.0	Radium-228	3.06	pCi/L		0.709	0.709	1	09-Apr-20	Pace
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	DO (Field) Concentration	0.19	mg/L				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	Field Turb	0.78	NTU				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	Redox Potential (Field)	114.0	mV				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	Specific Conductance (Field)	2100	umhos/cm				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	Temp (Field)	21.0	Deg.C				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Field	pH (Field)	4.48	S.U.				1	26-Mar-20	Field
S200323PPCCR3XX01	CCR 3	23-Mar-20	Total Radium Calcula	Total Radium	3.28	pCi/L		0.858	0.858	1	14-Apr-20	Pace
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Barium	107.72	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.972	ug/L	I	0.711	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	10.6	ug/L	I	1.27	20.0	1	02-Apr-20	AC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8 TOTAL	Antimony	2.22	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8 TOTAL	Arsenic	7.26	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8 TOTAL	Lead	0.698	ug/L		0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8 TOTAL	Selenium	3.55	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.210	ug/L	I	0.183	0.500	1	27-Mar-20	AB
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	09-Apr-20	Pace
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	5.0	1	17-Apr-20	Pace
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 903.1	Radium-226	3.10	pCi/L		1.33	1.33	1	13-Apr-20	Pace
S200323PPCCR4XX01	CCR 4	23-Mar-20	EPA 904.0	Radium-228	1.61	pCi/L		1.44	1.44	1	09-Apr-20	Pace
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	DO (Field) Concentration	0.23	mg/L				1	26-Mar-20	Field

March 2020 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
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	Field Turb	48.0	NTU				1	26-Mar-20	Field
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	Redox Potential (Field)	-182.4	mV				1	26-Mar-20	Field
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	Specific Conductance (Field)	3612	umhos/cm				1	26-Mar-20	Field
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	Temp (Field)	22.8	Deg.C				1	26-Mar-20	Field
S200323PPCCR4XX01	CCR 4	23-Mar-20	Field	pH (Field)	6.28	S.U.				1	26-Mar-20	Field
S200323PPCCR4XX01	CCR 4	23-Mar-20	Total Radium Calcula	Total Radium	4.71	pCi/L		2.77	2.77	1	14-Apr-20	Pace
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Barium	204.49	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Beryllium	1.21	ug/L	I	0.292	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Chromium	1.91	ug/L	I	0.711	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8 TOTAL	Arsenic	1.13	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0790	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8 TOTAL	Selenium	4.80	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 300.0	Fluoride	0.20	mg/L	I	0.073	0.25	5	10-Apr-20	Pace
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 200.8	Lithium	1.5	ug/L		0.22	2.0	1	17-Apr-20	Pace
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 903.1	Radium-226	0.730	pCi/L		0.565	0.565	1	13-Apr-20	Pace
S200323PPCCR5XX01	CCR 5	23-Mar-20	EPA 904.0	Radium-228	1.72	pCi/L		0.888	0.888	1	09-Apr-20	Pace
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	DO (Field) Concentration	0.24	mg/L				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	Field Turb	3.20	NTU				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	Redox Potential (Field)	-14.0	mV				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	Specific Conductance (Field)	1791	umhos/cm				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	Temp (Field)	22.8	Deg.C				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Field	pH (Field)	4.77	S.U.				1	26-Mar-20	Field
S200323PPCCR5XX01	CCR 5	23-Mar-20	Total Radium Calcula	Total Radium	2.45	pCi/L		1.45	1.45	1	14-Apr-20	Pace
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Barium	37.7	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	172.21	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.373	ug/L	I	0.149	0.500	1	27-Mar-20	AB
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8 TOTAL	Lead	0.148	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8 TOTAL	Selenium	1.67	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 300.0	Fluoride	0.16	mg/L		0.029	0.10	2	09-Apr-20	Pace
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	5.0	1	17-Apr-20	Pace
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 903.1	Radium-226	1.59	pCi/L		0.571	0.571	1	13-Apr-20	Pace
S200323PPCCR6XX01	CCR 6	23-Mar-20	EPA 904.0	Radium-228	3.24	pCi/L		0.865	0.865	1	09-Apr-20	Pace
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	DO (Field) Concentration	0.21	mg/L				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	Field Turb	8.01	NTU				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	Redox Potential (Field)	-60.3	mV				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	Specific Conductance (Field)	3318	umhos/cm				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	Temp (Field)	21.9	Deg.C				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Field	pH (Field)	6.44	S.U.				1	26-Mar-20	Field
S200323PPCCR6XX01	CCR 6	23-Mar-20	Total Radium Calcula	Total Radium	4.83	pCi/L		1.44	1.44	1	14-Apr-20	Pace
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Barium	37.7	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	179.26	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.342	ug/L	I	0.149	0.500	1	27-Mar-20	AB
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0980	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8 TOTAL	Selenium	1.73	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	09-Apr-20	Pace
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	5.0	1	17-Apr-20	Pace
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 903.1	Radium-226	1.65	pCi/L		0.419	0.419	1	13-Apr-20	Pace
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	EPA 904.0	Radium-228	3.41	pCi/L		0.768	0.768	1	09-Apr-20	Pace
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	DO (Field) Concentration	0.21	mg/L				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	Field Turb	8.01	NTU				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	Redox Potential (Field)	-60.3	mV				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	Specific Conductance (Field)	3318	umhos/cm				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	Temp (Field)	21.9	Deg.C				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Field	pH (Field)	6.44	S.U.				1	26-Mar-20	Field
S200323PPCCR6XX02	CCR 6 DUP	23-Mar-20	Total Radium Calcula	Total Radium	5.05	pCi/L		1.19	1.19	1	14-Apr-20	Pace
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Barium	59.4	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Chromium	3.67	ug/L	I	0.711	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Cobalt	2.59	ug/L	I	1.10	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8 TOTAL	Arsenic	1.34	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0580	ug/L	I	0.0448	0.500	1	27-Mar-20	AB
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8 TOTAL	Selenium	5.53	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB

March 2020 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
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 300.0	Fluoride	0.10	mg/L		0.029	0.10	2	09-Apr-20	Pace
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 200.8	Lithium	0.54	ug/L	I	0.22	5.0	1	17-Apr-20	Pace
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 903.1	Radium-226	2.88	pCi/L		0.525	0.525	1	13-Apr-20	Pace
S200323PPCCR7XX01	CCR 7	23-Mar-20	EPA 904.0	Radium-228	5.19	pCi/L		0.786	0.786	1	09-Apr-20	Pace
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	DO (Field) Concentration	0.40	mg/L				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	Field Turb	8.56	NTU				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	Redox Potential (Field)	-63.6	mV				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	Specific Conductance (Field)	4415	umhos/cm				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	Temp (Field)	22.1	Deg.C				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Field	pH (Field)	4.88	S.U.				1	26-Mar-20	Field
S200323PPCCR7XX01	CCR 7	23-Mar-20	Total Radium Calcula	Total Radium	8.07	pCi/L		1.31	1.31	1	14-Apr-20	Pace
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Barium	0.140 U	ug/L		0.140	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Cadmium	0.224 U	ug/L		0.224	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	02-Apr-20	AC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	27-Mar-20	AB
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	0.500	1	27-Mar-20	AB
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	27-Mar-20	AB
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8 TOTAL	Selenium	0.735	ug/L		0.432	0.500	1	27-Mar-20	AB
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	0.500	1	27-Mar-20	AB
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 245.1	Mercury	0.00575 U	ug/L		0.00575	0.0125	1	31-Mar-20	KC
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	09-Apr-20	Pace
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	17-Apr-20	Pace
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 903.1	Radium-226	0.555U	pCi/L	U	0.555	0.555	1	13-Apr-20	Pace
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	EPA 904.0	Radium-228	1.02U	pCi/L	U	1.02	1.02	1	09-Apr-20	Pace
S200323PPCCRFB01	CCR Field Blank	23-Mar-20	Total Radium Calcula	Total Radium	1.58U	pCi/L	U	1.58	1.58	1	14-Apr-20	Pace
S200323PPAW5XX01	AW-5	23-Mar-20	EPA 903.1	Radium-226	0.759	pCi/L		0.372	0.372	1	13-Apr-20	Pace
S200323PPAW5XX01	AW-5	23-Mar-20	EPA 904.0	Radium-228	2.40	pCi/L		0.831	0.831	1	09-Apr-20	Pace
S200323PPAW5XX01	AW-5	23-Mar-20	Field	DO (Field) Concentration	0.32	mg/L				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Field	Field Turb	7.87	NTU				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Field	Redox Potential (Field)	55.2	mV				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Field	Specific Conductance (Field)	2937	umhos/cm				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Field	Temp (Field)	27.9	Deg.C				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Field	pH (Field)	4.66	S.U.				1	26-Mar-20	Field
S200323PPAW5XX01	AW-5	23-Mar-20	Total Radium Calcula	Total Radium	3.16	pCi/L		1.20	1.20	1	14-Apr-20	Pace
S200323PPAW6XX01	AW-6	23-Mar-20	EPA 903.1	Radium-226	1.11	pCi/L		0.158	0.158	1	13-Apr-20	Pace
S200323PPAW6XX01	AW-6	23-Mar-20	EPA 904.0	Radium-228	1.11	pCi/L		0.932	0.932	1	09-Apr-20	Pace
S200323PPAW6XX01	AW-6	23-Mar-20	Field	DO (Field) Concentration	0.26	mg/L				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Field	Field Turb	12.7	NTU				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Field	Redox Potential (Field)	17.5	mV				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Field	Specific Conductance (Field)	1854	umhos/cm				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Field	Temp (Field)	23.5	Deg.C				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Field	pH (Field)	4.37	S.U.				1	26-Mar-20	Field
S200323PPAW6XX01	AW-6	23-Mar-20	Total Radium Calcula	Total Radium	2.22	pCi/L		1.09	1.09	1	14-Apr-20	Pace
S200323PPAW8XX01	AW-8	23-Mar-20	EPA 903.1	Radium-226	2.52	pCi/L		0.544	0.544	1	13-Apr-20	Pace
S200323PPAW8XX01	AW-8	23-Mar-20	EPA 904.0	Radium-228	3.18	pCi/L		0.985	0.985	1	09-Apr-20	Pace
S200323PPAW8XX01	AW-8	23-Mar-20	Field	DO (Field) Concentration	0.28	mg/L				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Field	Field Turb	67.2	NTU				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Field	Redox Potential (Field)	1.4	mV				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Field	Specific Conductance (Field)	2284	umhos/cm				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Field	Temp (Field)	23.6	Deg.C				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Field	pH (Field)	4.45	S.U.				1	26-Mar-20	Field
S200323PPAW8XX01	AW-8	23-Mar-20	Total Radium Calcula	Total Radium	5.70	pCi/L		1.53	1.53	1	14-Apr-20	Pace

June 2020 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
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Barium	51.4	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Beryllium	1.03	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Boron	1271.8	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Calcium	50372	ug/L		14.6	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8	Lithium	0.79	ug/L	I	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.389	ug/L	I	0.149	0.500	1	23-Jun-20	AB
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.207	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 300.0	Chloride	15.9	mg/L		2.5	5.0	1	22-Jun-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 300.0	Fluoride	0.11	mg/L		0.015	0.050	1	22-Jun-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 300.0	Sulfate	220	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 903.1	Radium-226	1.98	pCi/L		0.822	0.822	1	02-Jul-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	EPA 904.0	Radium-228	1.25U	pCi/L	U	1.25	1.25	1	02-Jul-20	Pace
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	DO (Field) Concentration	6.91	mg/L				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	Field Turb	1.83	NTU				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	Redox Potential (Field)	-38	mV				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	Specific Conductance (Field)	567	umhos/cm				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	Temp (Field)	23.2	Deg.C				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	Field	pH (Field)	4.47	S.U.				1	18-Jun-20	Field
S200615PPCCR1XX01	CCR 1	15-Jun-20	SM2540C	Residue, Filterable (TDS)	377	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR1XX01	CCR 1	15-Jun-20	Total Radium Calcula	Total Radium	2.89	pCi/L		2.07	2.07	1	07-Jul-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Barium	59.9	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.612	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Boron	470.84	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Calcium	12389	ug/L		14.6	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Chromium	3.25	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8	Lithium	2.6	ug/L		0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.776	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8 TOTAL	Lead	0.833	ug/L		0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.213	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 300.0	Chloride	14.9	mg/L		2.5	5.0	1	23-Jun-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 300.0	Fluoride	0.091	mg/L		0.015	0.050	1	23-Jun-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 300.0	Sulfate	111	mg/L	J(M1)	5.0	10.0	2	23-Jun-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 903.1	Radium-226	0.702	pCi/L		0.593	0.593	1	02-Jul-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	EPA 904.0	Radium-228	1.43U	pCi/L	U	1.43	1.43	1	02-Jul-20	Pace
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	DO (Field) Concentration	8.15	mg/L				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	Field Turb	34.8	NTU				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	Redox Potential (Field)	-77	mV				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	Specific Conductance (Field)	346	umhos/cm				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	Temp (Field)	22.9	Deg.C				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	Field	pH (Field)	4.72	S.U.				1	18-Jun-20	Field
S200615PPCCR2XX01	CCR 2	15-Jun-20	SM2540C	Residue, Filterable (TDS)	232	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR2XX01	CCR 2	15-Jun-20	Total Radium Calcula	Total Radium	2.02U	pCi/L	U	2.02	2.02	1	07-Jul-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Barium	49.9	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.454	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Boron	6085.1	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Calcium	397360	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Chromium	0.832	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.676	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0530	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.200	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 300.0	Chloride	33.9	mg/L		12.5	25.0	5	30-Jun-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U	0.073	0.25	5	30-Jun-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 300.0	Sulfate	1120	mg/L		50.0	100	20	30-Jun-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 903.1	Radium-226	2.61	pCi/L		0.653	0.653	1	02-Jul-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	EPA 904.0	Radium-228	2.64	pCi/L		0.920	0.920	1	02-Jul-20	Pace
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	DO (Field) Concentration	7.36	mg/L				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	Field Turb	2.64	NTU				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	Redox Potential (Field)	-43	mV				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	Specific Conductance (Field)	2005	umhos/cm				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	Temp (Field)	23.3	Deg.C				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	Field	pH (Field)	4.63	S.U.				1	18-Jun-20	Field
S200615PPCCR3XX01	CCR 3	15-Jun-20	SM2540C	Residue, Filterable (TDS)	861	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR3XX01	CCR 3	15-Jun-20	Total Radium Calcula	Total Radium	5.25	pCi/L		1.57	1.57	1	07-Jul-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Barium	67.4	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.357	ug/L	I	0.292	20.0	1	18-Jun-20	AC

June 2020 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
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Boron	16835	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Calcium	586340	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Chromium	2.95	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	3.49	ug/L	I	1.27	20.0	1	18-Jun-20	AC
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.711	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8 TOTAL	Arsenic	2.66	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8 TOTAL	Lead	1.05	ug/L		0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8 TOTAL	Selenium	12.8	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	30-Jun-20	AB
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 300.0	Chloride	28.8	mg/L		12.5	25.0	5	30-Jun-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	30-Jun-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 300.0	Sulfate	1460	mg/L		50.0	100	20	30-Jun-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 903.1	Radium-226	1.34	pCi/L		0.799	0.799	1	02-Jul-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	EPA 904.0	Radium-228	2.64	pCi/L		2.10	2.10	1	02-Jul-20	Pace
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	DO (Field) Concentration	9.87	mg/L				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	Field Turb	176	NTU				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	Redox Potential (Field)	-245	mV				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	Specific Conductance (Field)	2961	umhos/cm				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	Temp (Field)	26.5	Deg.C				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	Field	pH (Field)	6.2	S.U.				1	18-Jun-20	Field
S200615PPCCR4XX01	CCR 4	15-Jun-20	SM2540C	Residue, Filterable (TDS)	2890	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR4XX01	CCR 4	15-Jun-20	Total Radium Calcula	Total Radium	3.97	pCi/L		2.90	2.90	1	07-Jul-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Barium	253.98	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Beryllium	1.40	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Boron	10641	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Calcium	31972	ug/L		14.6	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Chromium	2.95	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8	Lithium	1.9	ug/L		0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8 TOTAL	Arsenic	1.37	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8 TOTAL	Lead	0.492	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8 TOTAL	Selenium	5.10	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	30-Jun-20	AB
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 300.0	Chloride	266	mg/L		25.0	50.0	10	23-Jun-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 300.0	Fluoride	0.15	mg/L		0.015	0.050	1	23-Jun-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 300.0	Sulfate	366	mg/L		25.0	50.0	10	23-Jun-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 903.1	Radium-226	0.785	pCi/L		0.729	0.729	1	02-Jul-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	EPA 904.0	Radium-228	1.59	pCi/L		1.14	1.14	1	02-Jul-20	Pace
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	DO (Field) Concentration	10.7	mg/L				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	Field Turb	30.1	NTU				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	Redox Potential (Field)	-6	mV				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	Specific Conductance (Field)	1889	umhos/cm				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	Temp (Field)	22.6	Deg.C				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	Field	pH (Field)	4.89	S.U.				1	18-Jun-20	Field
S200615PPCCR5XX01	CCR 5	15-Jun-20	SM2540C	Residue, Filterable (TDS)	1146	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR5XX01	CCR 5	15-Jun-20	Total Radium Calcula	Total Radium	2.38	pCi/L		1.87	1.87	1	07-Jul-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Barium	35.8	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	18-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Boron	32643	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Calcium	460930	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	18-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	244.89	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8	Lithium	0.34	ug/L	I	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.466	ug/L	I	0.149	0.500	1	23-Jun-20	AB
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0570	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8 TOTAL	Selenium	2.36	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	30-Jun-20	AB
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 300.0	Chloride	74.0	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jun-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 300.0	Sulfate	1630	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 903.1	Radium-226	1.86	pCi/L		0.616	0.616	1	02-Jul-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	EPA 904.0	Radium-228	2.33	pCi/L		0.899	0.899	1	02-Jul-20	Pace
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	DO (Field) Concentration	5.99	mg/L				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	Field Turb	2.68	NTU				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	Redox Potential (Field)	-224	mV				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	Specific Conductance (Field)	3350	umhos/cm				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	Temp (Field)	23.4	Deg.C				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	Field	pH (Field)	6.74	S.U.				1	18-Jun-20	Field
S200615PPCCR6XX01	CCR 6	15-Jun-20	SM2540C	Residue, Filterable (TDS)	2988	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR6XX01	CCR 6	15-Jun-20	Total Radium Calcula	Total Radium	4.19	pCi/L		1.52	1.52	1	07-Jul-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Barium	57.8	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	18-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Boron	33523	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Calcium	298960	ug/L		72.9	100	1	25-Jun-20	AC

June 2020 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
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Chromium	4.41	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Cobalt	2.38	ug/L	I	1.10	20.0	1	18-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8	Lithium	0.72	ug/L	I	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8 TOTAL	Arsenic	1.49	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8 TOTAL	Lead	0.185	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8 TOTAL	Selenium	4.48	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	30-Jun-20	AB
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 300.0	Chloride	289	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jun-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 300.0	Sulfate	1930	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 903.1	Radium-226	4.28	pCi/L		0.888	0.888	1	30-Jun-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	EPA 904.0	Radium-228	4.73	pCi/L		0.800	0.800	1	02-Jul-20	Pace
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	DO (Field) Concentration	9.19	mg/L				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	Field Turb	5.88	NTU				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	Redox Potential (Field)	-97	mV				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	Specific Conductance (Field)	4291	umhos/cm				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	Temp (Field)	23.4	Deg.C				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	Field	pH (Field)	4.77	S.U.				1	18-Jun-20	Field
S200615PPCCR7XX01	CCR 7	15-Jun-20	SM2540C	Residue, Filterable (TDS)	3340	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR7XX01	CCR 7	15-Jun-20	Total Radium Calcula	Total Radium	9.02	pCi/L		1.69	1.69	1	07-Jul-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Barium	0.140 U	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Boron	4.14 U	ug/L		4.14	20.0	1	25-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Calcium	16.4	ug/L	I	14.6	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0448 U	ug/L		0.0448	0.500	1	23-Jun-20	AB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.188	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 300.0	Chloride	2.5 U	mg/L	U	2.5	5.0	1	23-Jun-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	23-Jun-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 300.0	Sulfate	2.5 U	mg/L	U	2.5	5.0	1	23-Jun-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 903.1	Radium-226	0.793U	pCi/L	U	0.793	0.793	1	30-Jun-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	EPA 904.0	Radium-228	0.809U	pCi/L	U	0.809	0.809	1	02-Jul-20	Pace
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	SM2540C	Residue, Filterable (TDS)	3 U	mg/L	J4	3	5	1	17-Jun-20	WB
S200615PPCCRFB01	CCR Field Blank	15-Jun-20	Total Radium Calcula	Total Radium	1.60U	pCi/L	U	1.60	1.60	1	07-Jul-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Barium	58.4	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	18-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Boron	33558	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Calcium	296210	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Chromium	4.48	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Cobalt	2.42	ug/L	I	1.10	20.0	1	18-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8	Lithium	0.62	ug/L	I	0.22	1.0	1	25-Jun-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8 TOTAL	Arsenic	1.33	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8 TOTAL	Lead	0.268	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8 TOTAL	Selenium	4.49	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.214	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 300.0	Chloride	297	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jun-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 300.0	Sulfate	1900	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 903.1	Radium-226	3.51	pCi/L		0.785	0.785	1	30-Jun-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	EPA 904.0	Radium-228	4.75	pCi/L		0.733	0.733	1	02-Jul-20	Pace
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	DO (Field) Concentration	9.19	mg/L				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	Field Turb	5.88	NTU				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	Redox Potential (Field)	-97	mV				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	Specific Conductance (Field)	4291	umhos/cm				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	Temp (Field)	23.4	Deg.C				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Field	pH (Field)	4.77	S.U.				1	18-Jun-20	Field
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	SM2540C	Residue, Filterable (TDS)	3408	mg/L		3	5	1	17-Jun-20	WB
S200615PPCCR7XX02	CCR 7 Well DUP	15-Jun-20	Total Radium Calcula	Total Radium	8.26	pCi/L		1.52	1.52	1	07-Jul-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Barium	39.5	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.332	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Boron	10104	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Calcium	154100	ug/L		14.6	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Chromium	1.34	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8	Lithium	0.23	ug/L	I	0.22	1.0	1	25-Jun-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8 TOTAL	Arsenic	0.730	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0520	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8 TOTAL	Selenium	2.56	ug/L	J2	0.867	1.00	1	23-Jun-20	AB

June 2020 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
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.244	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 300.0	Chloride	128	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	23-Jun-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 300.0	Sulfate	1190	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 903.1	Radium-226	0.795U	pCi/L	U	0.795	0.795	1	30-Jun-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	EPA 904.0	Radium-228	0.983	pCi/L		0.917	0.917	1	02-Jul-20	Pace
S200615PPAW5XX01	AW-5	15-Jun-20	Field	DO (Field) Concentration	0.38	mg/L				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	Field	Field Turb	3.29	NTU				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	Field	Redox Potential (Field)	96.5	mV				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	Field	Specific Conductance (Field)	2733	umhos/cm				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	Field	Temp (Field)	23.0	Deg.C				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	Field	pH (Field)	4.32	S.U.				1	18-Jun-20	Field
S200615PPAW5XX01	AW-5	15-Jun-20	SM2540C	Residue, Filterable (TDS)	2084	mg/L		3	5	1	17-Jun-20	WB
S200615PPAW5XX01	AW-5	15-Jun-20	Total Radium Calcula	Total Radium	1.77	pCi/L		1.71	1.71	1	07-Jul-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Barium	39.1	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.314	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Boron	4254.5	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Calcium	332520	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Chromium	0.770	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	25-Jun-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8 TOTAL	Arsenic	1.14	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0520	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8 TOTAL	Selenium	1.34	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.372	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 300.0	Chloride	50.1	mg/L		5.0	10.0	2	23-Jun-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 300.0	Fluoride	0.068	mg/L	I,D3	0.029	0.10	2	23-Jun-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 300.0	Sulfate	1010	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 903.1	Radium-226	1.35	pCi/L		0.959	0.959	1	30-Jun-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	EPA 904.0	Radium-228	0.886U	pCi/L	U	0.886	0.886	1	02-Jul-20	Pace
S200615PPAW6XX01	AW-6	15-Jun-20	Field	DO (Field) Concentration	0.17	mg/L				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	Field	Field Turb	6.11	NTU				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	Field	Redox Potential (Field)	86.9	mV				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	Field	Specific Conductance (Field)	1912	umhos/cm				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	Field	Temp (Field)	23.3	Deg.C				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	Field	pH (Field)	4.16	S.U.				1	18-Jun-20	Field
S200615PPAW6XX01	AW-6	15-Jun-20	SM2540C	Residue, Filterable (TDS)	1612	mg/L		3	5	1	17-Jun-20	WB
S200615PPAW6XX01	AW-6	15-Jun-20	Total Radium Calcula	Total Radium	1.85U	pCi/L	U	1.85	1.85	1	07-Jul-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Barium	29.6	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.683	ug/L	I	0.292	20.0	1	18-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Boron	9783.1	ug/L		20.7	100	1	25-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Calcium	361200	ug/L		72.9	100	1	25-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Chromium	2.46	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	25-Jun-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	23-Jun-20	AB
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8 TOTAL	Arsenic	1.07	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8 TOTAL	Lead	0.0720	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8 TOTAL	Selenium	1.60	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.294	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 300.0	Chloride	62.5	mg/L		12.5	25.0	5	23-Jun-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 300.0	Fluoride	0.18	mg/L	I,D3	0.073	0.25	5	23-Jun-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 300.0	Sulfate	1350	mg/L		50.0	100	20	23-Jun-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 903.1	Radium-226	1.97	pCi/L		0.773	0.773	1	30-Jun-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	EPA 904.0	Radium-228	2.82	pCi/L		0.764	0.764	1	02-Jul-20	Pace
S200615PPAW8XX01	AW-8	15-Jun-20	Field	DO (Field) Concentration	0.18	mg/L				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	Field	Field Turb	5.98	NTU				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	Field	Redox Potential (Field)	79.6	mV				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	Field	Specific Conductance (Field)	2403	umhos/cm				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	Field	Temp (Field)	22.6	Deg.C				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	Field	pH (Field)	4.13	S.U.				1	18-Jun-20	Field
S200615PPAW8XX01	AW-8	15-Jun-20	SM2540C	Residue, Filterable (TDS)	2106	mg/L		3	5	1	17-Jun-20	WB
S200615PPAW8XX01	AW-8	15-Jun-20	Total Radium Calcula	Total Radium	4.79	pCi/L		1.54	1.54	1	07-Jul-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Barium	71.5	ug/L		0.140	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Boron	70.4	ug/L	I	20.7	100	1	25-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Calcium	15227	ug/L		14.6	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Chromium	2.39	ug/L	I	0.711	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	18-Jun-20	AC
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8	Lithium	3.0	ug/L		0.22	1.0	1	25-Jun-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8 TOTAL	Antimony	0.157	ug/L	I	0.153	0.500	1	23-Jun-20	AB
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8 TOTAL	Arsenic	2.52	ug/L		0.149	0.500	1	23-Jun-20	AB
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8 TOTAL	Lead	0.193	ug/L	I	0.0448	0.500	1	23-Jun-20	AB
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L	J2	0.867	1.00	1	23-Jun-20	AB
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 200.8 TOTAL	Thallium	0.259	ug/L	I	0.183	1.00	1	30-Jun-20	AB
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 300.0	Chloride	53.2	mg/L		2.5	5.0	1	22-Jun-20	Pace

June 2020 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
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 300.0	Fluoride	0.046	mg/L	I	0.015	0.050	1	22-Jun-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 300.0	Sulfate	43.8	mg/L		2.5	5.0	1	22-Jun-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 903.1	Radium-226	0.818U	pCi/L	U	0.818	0.818	1	30-Jun-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	EPA 904.0	Radium-228	0.894	pCi/L		0.867	0.867	1	02-Jul-20	Pace
S200615PPAW9XX01	AW-9	15-Jun-20	Field	DO (Field) Concentration	0.32	mg/L				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	Field	Field Turb	10.1	NTU				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	Field	Redox Potential (Field)	169.6	mV				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	Field	Specific Conductance (Field)	314.2	umhos/cm				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	Field	Temp (Field)	21.3	Deg.C				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	Field	pH (Field)	4.63	S.U.				1	18-Jun-20	Field
S200615PPAW9XX01	AW-9	15-Jun-20	SM2540C	Residue, Filterable (TDS)	192	mg/L		3	5	1	17-Jun-20	WB
S200615PPAW9XX01	AW-9	15-Jun-20	Total Radium Calcula	Total Radium	1.69U	pCi/L	U	1.69	1.69	1	07-Jul-20	Pace

Qualifiers

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

J(M1): Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery

December 2020 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
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Barium	62.3	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.837	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Boron	1115.7	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Calcium	32856	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8	Lithium	1.8	ug/L		0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.554	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8 TOTAL	Lead	0.160	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 300.0	Chloride	19.1	mg/L		2.5	5.0	1	09-Jan-21	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 300.0	Fluoride	0.092	mg/L		0.015	0.050	1	09-Jan-21	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 300.0	Sulfate	251	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 903.1	Radium-226	1.98	pCi/L		0.681	0.681	1	07-Jan-21	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	EPA 904.0	Radium-228	0.781	pCi/L		0.627	0.627	1	06-Jan-21	Pace
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	DO (Field) Concentration	0.4	mg/L				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	Field Turb	1.06	NTU				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	Redox Potential (Field)	-129	mV				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	Specific Conductance (Field)	549	umhos/cm				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	Temp (Field)	22.5	Deg.C				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	Field	pH (Field)	4.64	S.U.				1	30-Dec-20	Field
S201217PPCCR1XX01	CCR 1	17-Dec-20	SM2540C	Residue, Filterable (TDS)	416	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR1XX01	CCR 1	17-Dec-20	Total Radium Calcula	Total Radium	2.76	pCi/L		1.31	1.31	1	11-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Barium	66.3	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.703	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Boron	603.69	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Calcium	14306	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Chromium	3.39	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8	Lithium	2.9	ug/L		0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.712	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8 TOTAL	Lead	0.502	ug/L		0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 300.0	Chloride	12.5	mg/L		2.5	5.0	1	09-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 300.0	Fluoride	0.092	mg/L		0.015	0.050	1	09-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 300.0	Sulfate	127	mg/L		5.0	10.0	2	09-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 903.1	Radium-226	0.671U	pCi/L	U	0.671	0.671	1	06-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	EPA 904.0	Radium-228	1.05U	pCi/L	U	1.05	1.05	1	05-Jan-21	Pace
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	DO (Field) Concentration	0.2	mg/L				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	Field Turb	14.6	NTU				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	Redox Potential (Field)	-173	mV				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	Specific Conductance (Field)	315	umhos/cm				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	Temp (Field)	22.1	Deg.C				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	Field	pH (Field)	4.59	S.U.				1	30-Dec-20	Field
S201217PPCCR2XX01	CCR 2	17-Dec-20	SM2540C	Residue, Filterable (TDS)	252	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR2XX01	CCR 2	17-Dec-20	Total Radium Calcula	Total Radium	1.72U	pCi/L	U	1.72	1.72	1	11-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Barium	24.0	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.309	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Boron	3417.3	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Calcium	421500	ug/L		72.9	100	5	07-Jan-21	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.759	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	31.7	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.634	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8 TOTAL	Lead	0.0980	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 300.0	Chloride	45.3	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 300.0	Fluoride	0.073 U	mg/L	U	0.073	0.25	5	09-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 300.0	Sulfate	842	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 903.1	Radium-226	2.00	pCi/L		0.503	0.503	1	06-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	EPA 904.0	Radium-228	1.56	pCi/L		1.06	1.06	1	05-Jan-21	Pace
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	DO (Field) Concentration	0.3	mg/L				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	Field Turb	1.88	NTU				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	Redox Potential (Field)	-128	mV				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	Specific Conductance (Field)	1663	umhos/cm				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	Temp (Field)	22.8	Deg.C				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	Field	pH (Field)	4.5	S.U.				1	30-Dec-20	Field
S201217PPCCR3XX01	CCR 3	17-Dec-20	SM2540C	Residue, Filterable (TDS)	1654	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR3XX01	CCR 3	17-Dec-20	Total Radium Calcula	Total Radium	3.56	pCi/L		1.56	1.56	1	11-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Barium	104.13	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.345	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Boron	46021	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Calcium	531290	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Chromium	1.78	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC

December 2020 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
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	7.33	ug/L	I	1.27	20.0	1	30-Dec-20	AC
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.770	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8 TOTAL	Arsenic	4.70	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8 TOTAL	Lead	0.775	ug/L		0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8 TOTAL	Selenium	4.37	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 300.0	Chloride	75.6	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 300.0	Fluoride	0.12	mg/L	I,D3	0.073	0.25	5	09-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 300.0	Sulfate	1850	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 903.1	Radium-226	1.86	pCi/L		0.576	0.576	1	07-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	EPA 904.0	Radium-228	1.66	pCi/L		0.802	0.802	1	06-Jan-21	Pace
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	DO (Field) Concentration	0.3	mg/L				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	Field Turb	240	NTU				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	Redox Potential (Field)	-295	mV				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	Specific Conductance (Field)	3051	umhos/cm				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	Temp (Field)	18.5	Deg.C				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	Field	pH (Field)	6.36	S.U.				1	30-Dec-20	Field
S201217PPCCR4XX01	CCR 4	17-Dec-20	SM2540C	Residue, Filterable (TDS)	3124	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR4XX01	CCR 4	17-Dec-20	Total Radium Calcula	Total Radium	3.52	pCi/L		1.38	1.38	1	11-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Barium	151.10	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Beryllium	1.41	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Boron	13440	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Calcium	37621	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Chromium	2.86	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8	Lithium	2.0	ug/L		0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8 TOTAL	Arsenic	1.07	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8 TOTAL	Lead	0.293	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8 TOTAL	Selenium	4.61	ug/L	J2	0.867	1.00	1	21-Dec-20	AB
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 300.0	Chloride	271	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 300.0	Fluoride	0.029 U	mg/L	U,D3	0.029	0.10	2	10-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 300.0	Sulfate	507	mg/L		25.0	50.0	10	10-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 903.1	Radium-226	1.32	pCi/L		0.593	0.593	1	06-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	EPA 904.0	Radium-228	2.29	pCi/L		1.09	1.09	1	05-Jan-21	Pace
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	DO (Field) Concentration	0.4	mg/L				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	Field Turb	18.3	NTU				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	Redox Potential (Field)	-130	mV				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	Specific Conductance (Field)	1697	umhos/cm				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	Temp (Field)	22.1	Deg.C				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	Field	pH (Field)	4.7	S.U.				1	30-Dec-20	Field
S201217PPCCR5XX01	CCR 5	17-Dec-20	SM2540C	Residue, Filterable (TDS)	1224	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR5XX01	CCR 5	17-Dec-20	Total Radium Calcula	Total Radium	3.61	pCi/L		1.68	1.68	1	11-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Barium	25.1	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Boron	25985	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Calcium	524770	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	102.95	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.355	ug/L	I	0.149	0.500	1	21-Dec-20	AB
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8 TOTAL	Lead	0.115	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8 TOTAL	Selenium	1.78	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.274	ug/L	I	0.183	1.00	1	21-Dec-20	AB
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 300.0	Chloride	26.7	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	09-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 300.0	Sulfate	1450	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 903.1	Radium-226	1.86	pCi/L		0.742	0.742	1	06-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	EPA 904.0	Radium-228	1.78	pCi/L		0.842	0.842	1	05-Jan-21	Pace
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	DO (Field) Concentration	0.2	mg/L				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	Field Turb	3.88	NTU				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	Redox Potential (Field)	-270	mV				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	Specific Conductance (Field)	2707	umhos/cm				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	Temp (Field)	21.7	Deg.C				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	Field	pH (Field)	6.75	S.U.				1	30-Dec-20	Field
S201217PPCCR6XX01	CCR 6	17-Dec-20	SM2540C	Residue, Filterable (TDS)	2718	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR6XX01	CCR 6	17-Dec-20	Total Radium Calcula	Total Radium	3.64	pCi/L		1.58	1.58	1	11-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Barium	52.1	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Boron	34036	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Calcium	297860	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Chromium	4.51	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Cobalt	2.03	ug/L	I	1.10	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8	Lithium	0.59	ug/L	I	0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8 TOTAL	Arsenic	1.72	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8 TOTAL	Lead	0.343	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8 TOTAL	Selenium	5.85	ug/L		0.867	1.00	1	21-Dec-20	AB

December 2020 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
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.227	ug/L	I	0.183	1.00	1	21-Dec-20	AB
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 300.0	Chloride	382	mg/L		25.0	50.0	10	09-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 300.0	Fluoride	0.17	mg/L	I,D3	0.15	0.50	10	09-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 300.0	Sulfate	1940	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 903.1	Radium-226	2.64	pCi/L		0.721	0.721	1	06-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	EPA 904.0	Radium-228	0.889U	pCi/L	U	0.889	0.889	1	05-Jan-21	Pace
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	DO (Field) Concentration	0.5	mg/L				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	Field Turb	5.97	NTU				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	Redox Potential (Field)	-247	mV				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	Specific Conductance (Field)	4001	umhos/cm				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	Temp (Field)	21.3	Deg.C				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	Field	pH (Field)	4.57	S.U.				1	30-Dec-20	Field
S201217PPCCR7XX01	CCR 7	17-Dec-20	SM2540C	Residue, Filterable (TDS)	3420	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR7XX01	CCR 7	17-Dec-20	Total Radium Calcula	Total Radium	3.47	pCi/L		1.61	1.61	1	11-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Barium	0.140 U	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Boron	4.14 U	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Calcium	14.6 U	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.149 U	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8 TOTAL	Lead	0.0970	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.889	ug/L	I	0.867	1.00	1	21-Dec-20	AB
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 300.0	Chloride	2.5 U	mg/L	U	2.5	5.0	1	09-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 300.0	Fluoride	0.015 U	mg/L	U	0.015	0.050	1	09-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 300.0	Sulfate	2.5 U	mg/L	U	2.5	5.0	1	09-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 903.1	Radium-226	0.600U	pCi/L	U	0.600	0.600	1	06-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	EPA 904.0	Radium-228	0.889U	pCi/L	U	0.889	0.889	1	05-Jan-21	Pace
S201217PPCCRFBFB01	Field Blank	17-Dec-20	SM2540C	Residue, Filterable (TDS)	8	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCRFBFB01	Field Blank	17-Dec-20	Total Radium Calcula	Total Radium	1.49U	pCi/L	U	1.49	1.49	1	11-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Barium	62.7	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.844	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Boron	1126.3	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Calcium	33465	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8	Lithium	1.9	ug/L		0.22	1.0	1	29-Dec-20	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.504	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8 TOTAL	Lead	0.0810	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 300.0	Chloride	19.6	mg/L		2.5	5.0	1	09-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 300.0	Fluoride	0.095	mg/L		0.015	0.050	1	09-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 300.0	Sulfate	263	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 903.1	Radium-226	1.94	pCi/L		0.707	0.707	1	07-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	EPA 904.0	Radium-228	1.42	pCi/L		1.37	1.37	1	06-Jan-21	Pace
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	DO (Field) Concentration	0.4	mg/L				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	Field Turb	1.06	NTU				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	Redox Potential (Field)	-129	mV				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	Specific Conductance (Field)	549	umhos/cm				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	Temp (Field)	22.5	Deg.C				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Field	pH (Field)	4.64	S.U.				1	30-Dec-20	Field
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	SM2540C	Residue, Filterable (TDS)	436	mg/L		3	5	1	21-Dec-20	PW
S201217PPCCR1XX02	CCR1 DUP	17-Dec-20	Total Radium Calcula	Total Radium	3.36	pCi/L		2.08	2.08	1	11-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Barium	42.3	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.377	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Boron	13281	ug/L		20.7	100	5	07-Jan-21	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Calcium	185450	ug/L		14.6	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Chromium	1.76	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8	Lithium	0.44 U	ug/L	U,D3	0.44	2.0	2	30-Dec-20	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.619	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8 TOTAL	Lead	0.116	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8 TOTAL	Selenium	3.03	ug/L	J2	0.867	1.00	1	21-Dec-20	AB
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.219	ug/L	I	0.183	1.00	1	21-Dec-20	AB
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 300.0	Chloride	158	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 300.0	Fluoride	0.073 U	mg/L	U	0.073	0.25	5	09-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 300.0	Sulfate	1410	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 903.1	Radium-226	1.36	pCi/L		1.03	1.03	1	07-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	EPA 904.0	Radium-228	1.20U	pCi/L	U	1.20	1.20	1	06-Jan-21	Pace
S201217PPAW5XX01	AW-5	17-Dec-20	Field	DO (Field) Concentration	0.2	mg/L				1	30-Dec-20	Field
S201217PPAW5XX01	AW-5	17-Dec-20	Field	Field Turb	1.32	NTU				1	30-Dec-20	Field
S201217PPAW5XX01	AW-5	17-Dec-20	Field	Redox Potential (Field)	54.0	mV				1	30-Dec-20	Field
S201217PPAW5XX01	AW-5	17-Dec-20	Field	Specific Conductance (Field)	3184	umhos/cm				1	30-Dec-20	Field
S201217PPAW5XX01	AW-5	17-Dec-20	Field	Temp (Field)	22.3	Deg.C				1	30-Dec-20	Field
S201217PPAW5XX01	AW-5	17-Dec-20	Field	pH (Field)	4.62	S.U.				1	30-Dec-20	Field

December 2020 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
S201217PPAW5XX01	AW-5	17-Dec-20	SM2540C	Residue, Filterable (TDS)	2322	mg/L		3	5	1	21-Dec-20	PW
S201217PPAW5XX01	AW-5	17-Dec-20	Total Radium Calcula	Total Radium	2.49	pCi/L		2.23	2.23	1	11-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Barium	43.1	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.485	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Boron	5110.5	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Calcium	370980	ug/L		72.9	100	5	07-Jan-21	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8	Lithium	0.32	ug/L	I	0.22	1.0	1	29-Dec-20	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8 TOTAL	Arsenic	1.77	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8 TOTAL	Lead	0.102	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8 TOTAL	Selenium	1.53	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.197	ug/L	I	0.183	1.00	1	21-Dec-20	AB
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 300.0	Chloride	62.9	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	09-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 300.0	Sulfate	1200	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 903.1	Radium-226	1.15	pCi/L		0.775	0.775	1	07-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	EPA 904.0	Radium-228	1.04	pCi/L		0.772	0.772	1	06-Jan-21	Pace
S201217PPAW6XX01	AW-6	17-Dec-20	Field	DO (Field) Concentration	0.3	mg/L				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	Field	Field Turb	7.64	NTU				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	Field	Redox Potential (Field)	39.4	mV				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	Field	Specific Conductance (Field)	2255	umhos/cm				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	Field	Temp (Field)	22.8	Deg.C				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	Field	pH (Field)	4.56	S.U.				1	30-Dec-20	Field
S201217PPAW6XX01	AW-6	17-Dec-20	SM2540C	Residue, Filterable (TDS)	1838	mg/L		3	5	1	21-Dec-20	PW
S201217PPAW6XX01	AW-6	17-Dec-20	Total Radium Calcula	Total Radium	2.19	pCi/L		1.55	1.55	1	11-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Barium	48.0	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.292 U	ug/L		0.292	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Boron	6591.9	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Calcium	296900	ug/L		72.9	100	5	07-Jan-21	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Chromium	0.711 U	ug/L		0.711	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	10.5	ug/L	I	1.27	20.0	1	30-Dec-20	AC
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8	Lithium	0.65	ug/L	I	0.22	1.0	1	29-Dec-20	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8 TOTAL	Antimony	1.03	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8 TOTAL	Arsenic	11.7	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8 TOTAL	Lead	0.101	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8 TOTAL	Selenium	1.65	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 300.0	Chloride	42.7	mg/L		12.5	25.0	5	11-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 300.0	Fluoride	0.073 U	mg/L	U,D3	0.073	0.25	5	11-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 300.0	Sulfate	853	mg/L		25.0	50.0	10	11-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 903.1	Radium-226	2.84	pCi/L		0.909	0.909	1	07-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	EPA 904.0	Radium-228	1.59	pCi/L		0.715	0.715	1	06-Jan-21	Pace
S201217PPAW7XX01	AW-7	17-Dec-20	Field	DO (Field) Concentration	0.2	mg/L				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	Field	Field Turb	3.85	NTU				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	Field	Redox Potential (Field)	-279.4	mV				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	Field	Specific Conductance (Field)	1802	umhos/cm				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	Field	Temp (Field)	23.1	Deg.C				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	Field	pH (Field)	6.81	S.U.				1	30-Dec-20	Field
S201217PPAW7XX01	AW-7	17-Dec-20	SM2540C	Residue, Filterable (TDS)	1474	mg/L		3	5	1	21-Dec-20	PW
S201217PPAW7XX01	AW-7	17-Dec-20	Total Radium Calcula	Total Radium	4.43	pCi/L		1.62	1.62	1	11-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Barium	29.5	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.702	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Boron	8881.8	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Calcium	333440	ug/L		72.9	100	5	07-Jan-21	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Chromium	2.40	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.832	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8 TOTAL	Lead	0.132	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8 TOTAL	Selenium	1.76	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 300.0	Chloride	60.4	mg/L		12.5	25.0	5	09-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 300.0	Fluoride	0.18	mg/L	I,D3	0.073	0.25	5	09-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 300.0	Sulfate	1330	mg/L		50.0	100	20	09-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 903.1	Radium-226	2.40	pCi/L		0.800	0.800	1	07-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	EPA 904.0	Radium-228	3.23	pCi/L		0.779	0.779	1	06-Jan-21	Pace
S201217PPAW8XX01	AW-8	17-Dec-20	Field	DO (Field) Concentration	0.4	mg/L				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	Field	Field Turb	11.5	NTU				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	Field	Redox Potential (Field)	65.1	mV				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	Field	Specific Conductance (Field)	2321	umhos/cm				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	Field	Temp (Field)	22.1	Deg.C				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	Field	pH (Field)	4.4	S.U.				1	30-Dec-20	Field
S201217PPAW8XX01	AW-8	17-Dec-20	SM2540C	Residue, Filterable (TDS)	1954	mg/L		3	5	1	21-Dec-20	PW
S201217PPAW8XX01	AW-8	17-Dec-20	Total Radium Calcula	Total Radium	5.63	pCi/L		1.58	1.58	1	11-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Barium	107.76	ug/L		0.140	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Beryllium	0.507	ug/L	I	0.292	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Boron	81.2	ug/L		4.14	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Calcium	25577	ug/L		14.6	20.0	1	30-Dec-20	AC

December 2020 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
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Chromium	1.58	ug/L	I	0.711	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Cobalt	1.10 U	ug/L		1.10	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.7 TOTAL	Molybdenum	1.27 U	ug/L		1.27	20.0	1	30-Dec-20	AC
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8	Lithium	0.22 U	ug/L	U	0.22	1.0	1	29-Dec-20	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8 TOTAL	Antimony	0.153 U	ug/L		0.153	0.500	1	21-Dec-20	AB
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8 TOTAL	Arsenic	0.708	ug/L		0.149	0.500	1	21-Dec-20	AB
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8 TOTAL	Lead	0.108	ug/L	I	0.0448	0.500	1	21-Dec-20	AB
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8 TOTAL	Selenium	0.867 U	ug/L		0.867	1.00	1	21-Dec-20	AB
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 200.8 TOTAL	Thallium	0.183 U	ug/L		0.183	1.00	1	21-Dec-20	AB
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 300.0	Chloride	55.2	mg/L		2.5	5.0	1	09-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 300.0	Fluoride	0.055	mg/L		0.015	0.050	1	09-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 300.0	Sulfate	148	mg/L		5.0	10.0	2	09-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 903.1	Radium-226	2.41	pCi/L		0.772	0.772	1	07-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	EPA 904.0	Radium-228	1.21	pCi/L		0.954	0.954	1	06-Jan-21	Pace
S201217PPAW9XX01	AW-9	17-Dec-20	Field	DO (Field) Concentration	0.2	mg/L				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	Field	Field Turb	7.8	NTU				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	Field	Redox Potential (Field)	104.7	mV				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	Field	Specific Conductance (Field)	503.9	umhos/cm				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	Field	Temp (Field)	21.1	Deg.C				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	Field	pH (Field)	4.64	S.U.				1	30-Dec-20	Field
S201217PPAW9XX01	AW-9	17-Dec-20	SM2540C	Residue, Filterable (TDS)	318	mg/L		3	5	1	21-Dec-20	PW
S201217PPAW9XX01	AW-9	17-Dec-20	Total Radium Calcula	Total Radium	3.63	pCi/L		1.73	1.73	1	11-Jan-21	Pace

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