



Dynegy Midwest Generation, LLC
1500 Eastport Plaza Drive
Collinsville, IL 62234

August 28, 2023

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
1021 North Grand Avenue East
Springfield, IL 62794

Re: Baldwin Power Plant Fly Ash Pond System; IEPA ID # W1578510001-01-02-03

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 2 2023 sampling event at the Baldwin Power Plant Fly Ash Pond System, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1578510001-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS.

The date of this submittal is considered to be the date that exceedances of the GWPS were detected. This notification of exceedances of the GWPSs in 35 I.A.C. § 845.600 will be placed in the facility's operating record within 30 days as required by 35 I.A.C. § 845.800(d)(16). As allowed in 35 I.A.C. § 845.650(e), an alternate source demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to IEPA within 60 days of this transmittal.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Phil Morris'.

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2 2023, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois

**35 I.A.C. § 845.610(B)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
2023 QUARTER 2
FLY ASH POND SYSTEM, BALDWIN POWER PLANT, BALDWIN, ILLINOIS**

August 28, 2023

Samples were collected between May 15 and May 23, 2023 and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on June 29, 2023.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2 2023 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2 2023 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan¹. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 2 2023 groundwater monitoring data were evaluated for statistically significant levels (SSLs) over background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment C** shows the statistically derived values compared to background levels.

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the statistically derived values identified as Statistical Results in **Table 2** were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS, as shown in **Table 2**. The date of this submittal is considered to be the date that the exceedances were detected.

As allowed in 35 I.A.C. § 845.650(e), an alternate source demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to Illinois Environmental Protection Agency (IEPA) within 60 days of this transmittal.

TABLES

- Table 1 Field Parameters and Analytical Results - Quarter 2 2023
- Table 2 Comparison of Statistical Results to GWPS - Quarter 2 2023

FIGURES

- Figure 1 35 I.A.C. § 845 Groundwater Monitoring Well Network

ATTACHMENTS

- Attachment A Groundwater Elevation Data - Quarter 2 2023
- Attachment B Laboratory Reports and Field Data Sheets - Quarter 2 2023
- Attachment C Comparison of Statistical Results to Background - Quarter 2 2023

¹ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. Fly Ash Pond System. Baldwin Power Plant. Baldwin, Illinois. August 25, 2023.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	E001	05/22/2023	Antimony, total	0.0006 J	mg/L
MW-304	Background	E001	05/22/2023	Arsenic, total	0.0087 U	mg/L
MW-304	Background	E001	05/22/2023	Barium, total	0.0199	mg/L
MW-304	Background	E001	05/22/2023	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E001	05/22/2023	Boron, total	1.68 J+	mg/L
MW-304	Background	E001	05/22/2023	Cadmium, total	0.0005 U	mg/L
MW-304	Background	E001	05/22/2023	Calcium, total	9.63	mg/L
MW-304	Background	E001	05/22/2023	Chloride, total	162	mg/L
MW-304	Background	E001	05/22/2023	Chromium, total	0.0028 U	mg/L
MW-304	Background	E001	05/22/2023	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E001	05/22/2023	Dissolved Oxygen	0.810	mg/L
MW-304	Background	E001	05/22/2023	Fluoride, total	1.72	mg/L
MW-304	Background	E001	05/22/2023	Lead, total	0.004 U	mg/L
MW-304	Background	E001	05/22/2023	Lithium, total	0.0603	mg/L
MW-304	Background	E001	05/22/2023	Mercury, total	0.0001 J	mg/L
MW-304	Background	E001	05/22/2023	Molybdenum, total	0.0037 U	mg/L
MW-304	Background	E001	05/22/2023	Oxidation Reduction Potential	116	mV
MW-304	Background	E001	05/22/2023	pH (field)	7.5	SU
MW-304	Background	E001	05/22/2023	Radium 226 + Radium 228, total	0.381 <0	pCi/L
MW-304	Background	E001	05/22/2023	Selenium, total	0.0006 U	mg/L
MW-304	Background	E001	05/22/2023	Specific Conductance @ 25C (field)	1,690	micromhos/cm
MW-304	Background	E001	05/22/2023	Sulfate, total	208	mg/L
MW-304	Background	E001	05/22/2023	Temperature	15.2	degrees C
MW-304	Background	E001	05/22/2023	Thallium, total	0.001 U	mg/L
MW-304	Background	E001	05/22/2023	Total Dissolved Solids	1,420	mg/L
MW-304	Background	E001	05/22/2023	Turbidity, field	1 U	NTU
MW-306	Background	E001	05/23/2023	Antimony, total	0.00140	mg/L
MW-306	Background	E001	05/23/2023	Arsenic, total	0.0087 U	mg/L
MW-306	Background	E001	05/23/2023	Barium, total	0.0139	mg/L
MW-306	Background	E001	05/23/2023	Beryllium, total	0.0002 U	mg/L
MW-306	Background	E001	05/23/2023	Boron, total	0.190 J+	mg/L
MW-306	Background	E001	05/23/2023	Cadmium, total	0.0005 U	mg/L
MW-306	Background	E001	05/23/2023	Calcium, total	34.6	mg/L
MW-306	Background	E001	05/23/2023	Chloride, total	53.0	mg/L
MW-306	Background	E001	05/23/2023	Chromium, total	0.0028 U	mg/L
MW-306	Background	E001	05/23/2023	Cobalt, total	0.0004 J	mg/L
MW-306	Background	E001	05/23/2023	Dissolved Oxygen	2.30	mg/L
MW-306	Background	E001	05/23/2023	Fluoride, total	0.540	mg/L
MW-306	Background	E001	05/23/2023	Lead, total	0.004 U	mg/L
MW-306	Background	E001	05/23/2023	Lithium, total	0.0118	mg/L
MW-306	Background	E001	05/23/2023	Mercury, total	0.00006 U	mg/L
MW-306	Background	E001	05/23/2023	Molybdenum, total	0.0233	mg/L
MW-306	Background	E001	05/23/2023	Oxidation Reduction Potential	-30.0	mV
MW-306	Background	E001	05/23/2023	pH (field)	11.1	SU
MW-306	Background	E001	05/23/2023	Radium 226 + Radium 228, total	0.133	pCi/L
MW-306	Background	E001	05/23/2023	Selenium, total	0.0007 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-306	Background	E001	05/23/2023	Specific Conductance @ 25C (field)	490	micromhos/cm
MW-306	Background	E001	05/23/2023	Sulfate, total	46.0 J+	mg/L
MW-306	Background	E001	05/23/2023	Temperature	15.4	degrees C
MW-306	Background	E001	05/23/2023	Thallium, total	0.001 U	mg/L
MW-306	Background	E001	05/23/2023	Total Dissolved Solids	300	mg/L
MW-306	Background	E001	05/23/2023	Turbidity, field	1 U	NTU
MW-150	Compliance	E001	05/18/2023	Antimony, total	0.0004 U	mg/L
MW-150	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-150	Compliance	E001	05/18/2023	Barium, total	0.0170	mg/L
MW-150	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-150	Compliance	E001	05/18/2023	Boron, total	4.12 J+	mg/L
MW-150	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-150	Compliance	E001	05/18/2023	Calcium, total	223	mg/L
MW-150	Compliance	E001	05/18/2023	Chloride, total	56.0	mg/L
MW-150	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-150	Compliance	E001	05/18/2023	Cobalt, total	0.0001 U	mg/L
MW-150	Compliance	E001	05/18/2023	Dissolved Oxygen	2.21	mg/L
MW-150	Compliance	E001	05/18/2023	Fluoride, total	0.700	mg/L
MW-150	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-150	Compliance	E001	05/18/2023	Lithium, total	0.0506 J+	mg/L
MW-150	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-150	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-150	Compliance	E001	05/18/2023	Oxidation Reduction Potential	20.0	mV
MW-150	Compliance	E001	05/18/2023	pH (field)	7.1	SU
MW-150	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	1.39 J+	pCi/L
MW-150	Compliance	E001	05/18/2023	Selenium, total	0.00150	mg/L
MW-150	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	2,220	micromhos/cm
MW-150	Compliance	E001	05/18/2023	Sulfate, total	970	mg/L
MW-150	Compliance	E001	05/18/2023	Temperature	13.6	degrees C
MW-150	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-150	Compliance	E001	05/18/2023	Total Dissolved Solids	1,790	mg/L
MW-150	Compliance	E001	05/18/2023	Turbidity, field	1.00	NTU
MW-151	Compliance	E001	05/18/2023	Antimony, total	0.0004 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Antimony, total	0.0008 J	mg/L
MW-151	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Arsenic, total	0.0087 U	mg/L
MW-151	Compliance	E001	05/18/2023	Barium, total	0.138	mg/L
MW-151	Compliance	E001R	07/10/2023	Barium, total	0.0550	mg/L
MW-151	Compliance	E001	05/18/2023	Beryllium, total	0.00150	mg/L
MW-151	Compliance	E001R	07/10/2023	Beryllium, total	0.0002 U	mg/L
MW-151	Compliance	E001	05/18/2023	Boron, total	0.345 J+	mg/L
MW-151	Compliance	E001R	07/10/2023	Boron, total	0.749	mg/L
MW-151	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Cadmium, total	0.0005 U	mg/L
MW-151	Compliance	E001	05/18/2023	Calcium, total	187	mg/L
MW-151	Compliance	E001R	07/10/2023	Calcium, total	116	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-151	Compliance	E001	05/18/2023	Chloride, total	46.0	mg/L
MW-151	Compliance	E001R	07/10/2023	Chloride, total	38.0	mg/L
MW-151	Compliance	E001	05/18/2023	Chromium, total	0.0280	mg/L
MW-151	Compliance	E001R	07/10/2023	Chromium, total	0.0028 U	mg/L
MW-151	Compliance	E001	05/18/2023	Cobalt, total	0.0172	mg/L
MW-151	Compliance	E001R	07/10/2023	Cobalt, total	0.0006 J	mg/L
MW-151	Compliance	E001	05/18/2023	Dissolved Oxygen	1.48	mg/L
MW-151	Compliance	E001R	07/10/2023	Dissolved Oxygen	19.3	mg/L
MW-151	Compliance	E001	05/18/2023	Fluoride, total	0.540	mg/L
MW-151	Compliance	E001R	07/10/2023	Fluoride, total	0.530	mg/L
MW-151	Compliance	E001	05/18/2023	Lead, total	0.0200	mg/L
MW-151	Compliance	E001R	07/10/2023	Lead, total	0.004 U	mg/L
MW-151	Compliance	E001	05/18/2023	Lithium, total	0.0323 J+	mg/L
MW-151	Compliance	E001R	07/10/2023	Lithium, total	0.0277	mg/L
MW-151	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Mercury, total	0.00006 U	mg/L
MW-151	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Molybdenum, total	0.0037 U	mg/L
MW-151	Compliance	E001	05/18/2023	Oxidation Reduction Potential	125	mV
MW-151	Compliance	E001R	07/10/2023	Oxidation Reduction Potential	125	mV
MW-151	Compliance	E001	05/18/2023	pH (field)	6.8	SU
MW-151	Compliance	E001R	07/10/2023	pH (field)	7.0	SU
MW-151	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	2.92 J+	pCi/L
MW-151	Compliance	E001R	07/10/2023	Radium 226 + Radium 228, total	0.235	pCi/L
MW-151	Compliance	E001	05/18/2023	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	991	micromhos/cm
MW-151	Compliance	E001R	07/10/2023	Specific Conductance @ 25C (field)	922	micromhos/cm
MW-151	Compliance	E001	05/18/2023	Sulfate, total	74.0 J-	mg/L
MW-151	Compliance	E001R	07/10/2023	Sulfate, total	82.0	mg/L
MW-151	Compliance	E001	05/18/2023	Temperature	12.6	degrees C
MW-151	Compliance	E001R	07/10/2023	Temperature	15.2	degrees C
MW-151	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E001R	07/10/2023	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E001	05/18/2023	Total Dissolved Solids	545	mg/L
MW-151	Compliance	E001R	07/10/2023	Total Dissolved Solids	602	mg/L
MW-151	Compliance	E001	05/18/2023	Turbidity, field	70.0	NTU
MW-151	Compliance	E001R	07/10/2023	Turbidity, field	15.0	NTU
MW-152	Compliance	E001	05/18/2023	Antimony, total	0.0004 U	mg/L
MW-152	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-152	Compliance	E001	05/18/2023	Barium, total	0.0167	mg/L
MW-152	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-152	Compliance	E001	05/18/2023	Boron, total	0.515 J+	mg/L
MW-152	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-152	Compliance	E001	05/18/2023	Calcium, total	116	mg/L
MW-152	Compliance	E001	05/18/2023	Chloride, total	8.00	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-152	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-152	Compliance	E001	05/18/2023	Cobalt, total	0.0007 J	mg/L
MW-152	Compliance	E001	05/18/2023	Dissolved Oxygen	0.810	mg/L
MW-152	Compliance	E001	05/18/2023	Fluoride, total	0.310	mg/L
MW-152	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-152	Compliance	E001	05/18/2023	Lithium, total	0.005 UJ	mg/L
MW-152	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-152	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-152	Compliance	E001	05/18/2023	Oxidation Reduction Potential	126	mV
MW-152	Compliance	E001	05/18/2023	pH (field)	6.9	SU
MW-152	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	0.179	pCi/L
MW-152	Compliance	E001	05/18/2023	Selenium, total	0.0006 J	mg/L
MW-152	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	1,090	micromhos/cm
MW-152	Compliance	E001	05/18/2023	Sulfate, total	242	mg/L
MW-152	Compliance	E001	05/18/2023	Temperature	12.7	degrees C
MW-152	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-152	Compliance	E001	05/18/2023	Total Dissolved Solids	706	mg/L
MW-152	Compliance	E001	05/18/2023	Turbidity, field	12.0	NTU
MW-153	Compliance	E001	05/22/2023	Antimony, total	0.0004 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Antimony, total	0.0008 U	mg/L
MW-153	Compliance	E001	05/22/2023	Arsenic, total	0.0087 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Arsenic, total	0.0087 U	mg/L
MW-153	Compliance	E001	05/22/2023	Barium, total	0.0867	mg/L
MW-153	Compliance	E001R	07/10/2023	Barium, total	0.0365	mg/L
MW-153	Compliance	E001	05/22/2023	Beryllium, total	0.000600	mg/L
MW-153	Compliance	E001R	07/10/2023	Beryllium, total	0.0002 U	mg/L
MW-153	Compliance	E001	05/22/2023	Boron, total	0.2 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Boron, total	0.009 U	mg/L
MW-153	Compliance	E001	05/22/2023	Cadmium, total	0.0005 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Cadmium, total	0.0005 U	mg/L
MW-153	Compliance	E001	05/22/2023	Calcium, total	50.6	mg/L
MW-153	Compliance	E001R	07/10/2023	Calcium, total	48.8	mg/L
MW-153	Compliance	E001	05/22/2023	Chloride, total	16.0	mg/L
MW-153	Compliance	E001R	07/10/2023	Chloride, total	15.0	mg/L
MW-153	Compliance	E001	05/22/2023	Chromium, total	0.0119	mg/L
MW-153	Compliance	E001R	07/10/2023	Chromium, total	0.0028 U	mg/L
MW-153	Compliance	E001	05/22/2023	Cobalt, total	0.00230	mg/L
MW-153	Compliance	E001R	07/10/2023	Cobalt, total	0.0004 U	mg/L
MW-153	Compliance	E001	05/22/2023	Dissolved Oxygen	2.54	mg/L
MW-153	Compliance	E001R	07/10/2023	Dissolved Oxygen	19.9	mg/L
MW-153	Compliance	E001	05/22/2023	Fluoride, total	0.360	mg/L
MW-153	Compliance	E001R	07/10/2023	Fluoride, total	0.390	mg/L
MW-153	Compliance	E001	05/22/2023	Lead, total	0.00830	mg/L
MW-153	Compliance	E001R	07/10/2023	Lead, total	0.004 U	mg/L
MW-153	Compliance	E001	05/22/2023	Lithium, total	0.0019 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Lithium, total	0.00340	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-153	Compliance	E001	05/22/2023	Mercury, total	0.00008 J	mg/L
MW-153	Compliance	E001R	07/10/2023	Mercury, total	0.00006 U	mg/L
MW-153	Compliance	E001	05/22/2023	Molybdenum, total	0.0037 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Molybdenum, total	0.0037 U	mg/L
MW-153	Compliance	E001	05/22/2023	Oxidation Reduction Potential	117	mV
MW-153	Compliance	E001R	07/10/2023	Oxidation Reduction Potential	150	mV
MW-153	Compliance	E001	05/22/2023	pH (field)	7.2	SU
MW-153	Compliance	E001R	07/10/2023	pH (field)	6.8	SU
MW-153	Compliance	E001	05/22/2023	Radium 226 + Radium 228, total	2.68 J+	pCi/L
MW-153	Compliance	E001R	07/10/2023	Radium 226 + Radium 228, total	0.732 J+	pCi/L
MW-153	Compliance	E001	05/22/2023	Selenium, total	0.00260	mg/L
MW-153	Compliance	E001R	07/10/2023	Selenium, total	0.00240 J+	mg/L
MW-153	Compliance	E001	05/22/2023	Specific Conductance @ 25C (field)	436	micromhos/cm
MW-153	Compliance	E001R	07/10/2023	Specific Conductance @ 25C (field)	570	micromhos/cm
MW-153	Compliance	E001	05/22/2023	Sulfate, total	75.0	mg/L
MW-153	Compliance	E001R	07/10/2023	Sulfate, total	62.0	mg/L
MW-153	Compliance	E001	05/22/2023	Temperature	13.5	degrees C
MW-153	Compliance	E001R	07/10/2023	Temperature	15.6	degrees C
MW-153	Compliance	E001	05/22/2023	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E001R	07/10/2023	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E001	05/22/2023	Total Dissolved Solids	350	mg/L
MW-153	Compliance	E001R	07/10/2023	Total Dissolved Solids	378	mg/L
MW-153	Compliance	E001	05/22/2023	Turbidity, field	42.0	NTU
MW-153	Compliance	E001R	07/10/2023	Turbidity, field	8.40	NTU
MW-252	Compliance	E001	05/18/2023	Antimony, total	0.00360	mg/L
MW-252	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-252	Compliance	E001	05/18/2023	Barium, total	0.0377	mg/L
MW-252	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-252	Compliance	E001	05/18/2023	Boron, total	0.174 J+	mg/L
MW-252	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-252	Compliance	E001	05/18/2023	Calcium, total	224	mg/L
MW-252	Compliance	E001	05/18/2023	Chloride, total	38.0	mg/L
MW-252	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-252	Compliance	E001	05/18/2023	Cobalt, total	0.00220	mg/L
MW-252	Compliance	E001	05/18/2023	Dissolved Oxygen	1.19	mg/L
MW-252	Compliance	E001	05/18/2023	Fluoride, total	0.220	mg/L
MW-252	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-252	Compliance	E001	05/18/2023	Lithium, total	0.0102 J+	mg/L
MW-252	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-252	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-252	Compliance	E001	05/18/2023	Oxidation Reduction Potential	62.0	mV
MW-252	Compliance	E001	05/18/2023	pH (field)	6.8	SU
MW-252	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	0.237	pCi/L
MW-252	Compliance	E001	05/18/2023	Selenium, total	0.0006 U	mg/L
MW-252	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	1,690	micromhos/cm
MW-252	Compliance	E001	05/18/2023	Sulfate, total	454	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-252	Compliance	E001	05/18/2023	Temperature	14.3	degrees C
MW-252	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-252	Compliance	E001	05/18/2023	Total Dissolved Solids	1,200	mg/L
MW-252	Compliance	E001	05/18/2023	Turbidity, field	10.0	NTU
MW-350	Compliance	E001	05/18/2023	Antimony, total	0.00110	mg/L
MW-350	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-350	Compliance	E001	05/18/2023	Barium, total	0.327	mg/L
MW-350	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-350	Compliance	E001	05/18/2023	Boron, total	0.560 J+	mg/L
MW-350	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-350	Compliance	E001	05/18/2023	Calcium, total	84.0	mg/L
MW-350	Compliance	E001	05/18/2023	Chloride, total	50.0	mg/L
MW-350	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-350	Compliance	E001	05/18/2023	Cobalt, total	0.0001 U	mg/L
MW-350	Compliance	E001	05/18/2023	Dissolved Oxygen	0.960	mg/L
MW-350	Compliance	E001	05/18/2023	Fluoride, total	0.170	mg/L
MW-350	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-350	Compliance	E001	05/18/2023	Lithium, total	0.0664 J+	mg/L
MW-350	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-350	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-350	Compliance	E001	05/18/2023	Oxidation Reduction Potential	-123	mV
MW-350	Compliance	E001	05/18/2023	pH (field)	11.4	SU
MW-350	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	1.20 J+	pCi/L
MW-350	Compliance	E001	05/18/2023	Selenium, total	0.0006 U	mg/L
MW-350	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	1,240	micromhos/cm
MW-350	Compliance	E001	05/18/2023	Sulfate, total	97.0	mg/L
MW-350	Compliance	E001	05/18/2023	Temperature	14.1	degrees C
MW-350	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-350	Compliance	E001	05/18/2023	Total Dissolved Solids	420	mg/L
MW-350	Compliance	E001	05/18/2023	Turbidity, field	2.30	NTU
MW-352	Compliance	E001	05/18/2023	Antimony, total	0.0004 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Antimony, total	0.0008 U	mg/L
MW-352	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Arsenic, total	0.0087 U	mg/L
MW-352	Compliance	E001	05/18/2023	Barium, total	0.0891	mg/L
MW-352	Compliance	E001R	07/10/2023	Barium, total	0.0898	mg/L
MW-352	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E001	05/18/2023	Boron, total	2.04 J+	mg/L
MW-352	Compliance	E001R	07/10/2023	Boron, total	2.10	mg/L
MW-352	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Cadmium, total	0.0005 U	mg/L
MW-352	Compliance	E001	05/18/2023	Calcium, total	88.3	mg/L
MW-352	Compliance	E001R	07/10/2023	Calcium, total	105	mg/L
MW-352	Compliance	E001	05/18/2023	Chloride, total	569	mg/L
MW-352	Compliance	E001R	07/10/2023	Chloride, total	582	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-352	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Chromium, total	0.0028 U	mg/L
MW-352	Compliance	E001	05/18/2023	Cobalt, total	0.0001 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Cobalt, total	0.0004 U	mg/L
MW-352	Compliance	E001	05/18/2023	Dissolved Oxygen	0.800	mg/L
MW-352	Compliance	E001R	07/10/2023	Dissolved Oxygen	14.2	mg/L
MW-352	Compliance	E001	05/18/2023	Fluoride, total	1.27	mg/L
MW-352	Compliance	E001R	07/10/2023	Fluoride, total	1.46	mg/L
MW-352	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Lead, total	0.004 U	mg/L
MW-352	Compliance	E001	05/18/2023	Lithium, total	0.0934 J+	mg/L
MW-352	Compliance	E001R	07/10/2023	Lithium, total	0.102	mg/L
MW-352	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Mercury, total	0.00006 U	mg/L
MW-352	Compliance	E001	05/18/2023	Molybdenum, total	0.0037 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Molybdenum, total	0.0037 U	mg/L
MW-352	Compliance	E001	05/18/2023	Oxidation Reduction Potential	-119	mV
MW-352	Compliance	E001R	07/10/2023	Oxidation Reduction Potential	65.0	mV
MW-352	Compliance	E001	05/18/2023	pH (field)	7.4	SU
MW-352	Compliance	E001R	07/10/2023	pH (field)	7.3	SU
MW-352	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	1.09 J+	pCi/L
MW-352	Compliance	E001R	07/10/2023	Radium 226 + Radium 228, total	1.06 J	pCi/L
MW-352	Compliance	E001	05/18/2023	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	2,160	micromhos/cm
MW-352	Compliance	E001R	07/10/2023	Specific Conductance @ 25C (field)	2,040	micromhos/cm
MW-352	Compliance	E001	05/18/2023	Sulfate, total	10 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Sulfate, total	7 J	mg/L
MW-352	Compliance	E001	05/18/2023	Temperature	14.8	degrees C
MW-352	Compliance	E001R	07/10/2023	Temperature	19.5	degrees C
MW-352	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E001R	07/10/2023	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E001	05/18/2023	Total Dissolved Solids	1,270	mg/L
MW-352	Compliance	E001R	07/10/2023	Total Dissolved Solids	1,330	mg/L
MW-352	Compliance	E001	05/18/2023	Turbidity, field	3.00	NTU
MW-352	Compliance	E001R	07/10/2023	Turbidity, field	3.20	NTU
MW-366	Compliance	E001	05/16/2023	Antimony, total	0.0006 J	mg/L
MW-366	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-366	Compliance	E001	05/16/2023	Barium, total	0.0305	mg/L
MW-366	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-366	Compliance	E001	05/16/2023	Boron, total	1.74 J+	mg/L
MW-366	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-366	Compliance	E001	05/16/2023	Calcium, total	187	mg/L
MW-366	Compliance	E001	05/16/2023	Chloride, total	48.0	mg/L
MW-366	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-366	Compliance	E001	05/16/2023	Cobalt, total	0.00310	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-366	Compliance	E001	05/16/2023	Dissolved Oxygen	1.84	mg/L
MW-366	Compliance	E001	05/16/2023	Fluoride, total	0.330	mg/L
MW-366	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-366	Compliance	E001	05/16/2023	Lithium, total	0.005 UJ	mg/L
MW-366	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-366	Compliance	E001	05/16/2023	Molybdenum, total	0.0039 J	mg/L
MW-366	Compliance	E001	05/16/2023	Oxidation Reduction Potential	95.0	mV
MW-366	Compliance	E001	05/16/2023	pH (field)	6.9	SU
MW-366	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.168	pCi/L
MW-366	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-366	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	1,580	micromhos/cm
MW-366	Compliance	E001	05/16/2023	Sulfate, total	502	mg/L
MW-366	Compliance	E001	05/16/2023	Temperature	14.5	degrees C
MW-366	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-366	Compliance	E001	05/16/2023	Total Dissolved Solids	1,160	mg/L
MW-366	Compliance	E001	05/16/2023	Turbidity, field	2.80	NTU
MW-375	Compliance	E001	05/18/2023	Antimony, total	0.00110	mg/L
MW-375	Compliance	E001	05/18/2023	Arsenic, total	0.0087 U	mg/L
MW-375	Compliance	E001	05/18/2023	Barium, total	0.0290	mg/L
MW-375	Compliance	E001	05/18/2023	Beryllium, total	0.0002 U	mg/L
MW-375	Compliance	E001	05/18/2023	Boron, total	1.45 J+	mg/L
MW-375	Compliance	E001	05/18/2023	Cadmium, total	0.0005 U	mg/L
MW-375	Compliance	E001	05/18/2023	Calcium, total	13.7	mg/L
MW-375	Compliance	E001	05/18/2023	Chloride, total	90.0	mg/L
MW-375	Compliance	E001	05/18/2023	Chromium, total	0.0028 U	mg/L
MW-375	Compliance	E001	05/18/2023	Cobalt, total	0.0001 J	mg/L
MW-375	Compliance	E001	05/18/2023	Dissolved Oxygen	0.830	mg/L
MW-375	Compliance	E001	05/18/2023	Fluoride, total	2.34	mg/L
MW-375	Compliance	E001	05/18/2023	Lead, total	0.004 U	mg/L
MW-375	Compliance	E001	05/18/2023	Lithium, total	0.0637 J+	mg/L
MW-375	Compliance	E001	05/18/2023	Mercury, total	0.00006 U	mg/L
MW-375	Compliance	E001	05/18/2023	Molybdenum, total	0.0308	mg/L
MW-375	Compliance	E001	05/18/2023	Oxidation Reduction Potential	7.00	mV
MW-375	Compliance	E001	05/18/2023	pH (field)	7.7	SU
MW-375	Compliance	E001	05/18/2023	Radium 226 + Radium 228, total	0.624 J+	pCi/L
MW-375	Compliance	E001	05/18/2023	Selenium, total	0.0006 U	mg/L
MW-375	Compliance	E001	05/18/2023	Specific Conductance @ 25C (field)	1,620	micromhos/cm
MW-375	Compliance	E001	05/18/2023	Sulfate, total	104	mg/L
MW-375	Compliance	E001	05/18/2023	Temperature	15.0	degrees C
MW-375	Compliance	E001	05/18/2023	Thallium, total	0.001 U	mg/L
MW-375	Compliance	E001	05/18/2023	Total Dissolved Solids	950	mg/L
MW-375	Compliance	E001	05/18/2023	Turbidity, field	1 U	NTU
MW-377	Compliance	E001	05/22/2023	Antimony, total	0.0004 U	mg/L
MW-377	Compliance	E001	05/22/2023	Arsenic, total	0.0087 U	mg/L
MW-377	Compliance	E001	05/22/2023	Barium, total	0.0603	mg/L
MW-377	Compliance	E001	05/22/2023	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-377	Compliance	E001	05/22/2023	Boron, total	1.71 J+	mg/L
MW-377	Compliance	E001	05/22/2023	Cadmium, total	0.0005 U	mg/L
MW-377	Compliance	E001	05/22/2023	Calcium, total	53.2	mg/L
MW-377	Compliance	E001	05/22/2023	Chloride, total	93.0	mg/L
MW-377	Compliance	E001	05/22/2023	Chromium, total	0.0028 U	mg/L
MW-377	Compliance	E001	05/22/2023	Cobalt, total	0.0003 J	mg/L
MW-377	Compliance	E001	05/22/2023	Dissolved Oxygen	1.85	mg/L
MW-377	Compliance	E001	05/22/2023	Fluoride, total	1.14	mg/L
MW-377	Compliance	E001	05/22/2023	Lead, total	0.004 U	mg/L
MW-377	Compliance	E001	05/22/2023	Lithium, total	0.0520	mg/L
MW-377	Compliance	E001	05/22/2023	Mercury, total	0.00008 J	mg/L
MW-377	Compliance	E001	05/22/2023	Molybdenum, total	0.0037 U	mg/L
MW-377	Compliance	E001	05/22/2023	Oxidation Reduction Potential	108	mV
MW-377	Compliance	E001	05/22/2023	pH (field)	7.0	SU
MW-377	Compliance	E001	05/22/2023	Radium 226 + Radium 228, total	0.737 J+	pCi/L
MW-377	Compliance	E001	05/22/2023	Selenium, total	0.0006 U	mg/L
MW-377	Compliance	E001	05/22/2023	Specific Conductance @ 25C (field)	808	micromhos/cm
MW-377	Compliance	E001	05/22/2023	Sulfate, total	40.0 J+	mg/L
MW-377	Compliance	E001	05/22/2023	Temperature	15.2	degrees C
MW-377	Compliance	E001	05/22/2023	Thallium, total	0.001 U	mg/L
MW-377	Compliance	E001	05/22/2023	Total Dissolved Solids	608	mg/L
MW-377	Compliance	E001	05/22/2023	Turbidity, field	2.40	NTU
MW-383	Compliance	E001	05/22/2023	Antimony, total	0.0009 J	mg/L
MW-383	Compliance	E001	05/22/2023	Arsenic, total	0.0087 U	mg/L
MW-383	Compliance	E001	05/22/2023	Barium, total	0.0442	mg/L
MW-383	Compliance	E001	05/22/2023	Beryllium, total	0.0002 U	mg/L
MW-383	Compliance	E001	05/22/2023	Boron, total	1.16 J+	mg/L
MW-383	Compliance	E001	05/22/2023	Cadmium, total	0.0005 U	mg/L
MW-383	Compliance	E001	05/22/2023	Calcium, total	23.8	mg/L
MW-383	Compliance	E001	05/22/2023	Chloride, total	43.0	mg/L
MW-383	Compliance	E001	05/22/2023	Chromium, total	0.0028 U	mg/L
MW-383	Compliance	E001	05/22/2023	Cobalt, total	0.0006 J	mg/L
MW-383	Compliance	E001	05/22/2023	Dissolved Oxygen	0.740	mg/L
MW-383	Compliance	E001	05/22/2023	Fluoride, total	0.690	mg/L
MW-383	Compliance	E001	05/22/2023	Lead, total	0.004 U	mg/L
MW-383	Compliance	E001	05/22/2023	Lithium, total	0.0165	mg/L
MW-383	Compliance	E001	05/22/2023	Mercury, total	0.00007 J	mg/L
MW-383	Compliance	E001	05/22/2023	Molybdenum, total	0.0135	mg/L
MW-383	Compliance	E001	05/22/2023	Oxidation Reduction Potential	70.0	mV
MW-383	Compliance	E001	05/22/2023	pH (field)	7.5	SU
MW-383	Compliance	E001	05/22/2023	Radium 226 + Radium 228, total	0.0454	pCi/L
MW-383	Compliance	E001	05/22/2023	Selenium, total	0.0006 U	mg/L
MW-383	Compliance	E001	05/22/2023	Specific Conductance @ 25C (field)	1,060	micromhos/cm
MW-383	Compliance	E001	05/22/2023	Sulfate, total	177	mg/L
MW-383	Compliance	E001	05/22/2023	Temperature	18.4	degrees C
MW-383	Compliance	E001	05/22/2023	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-383	Compliance	E001	05/22/2023	Total Dissolved Solids	872	mg/L
MW-383	Compliance	E001	05/22/2023	Turbidity, field	9.50	NTU
MW-384	Compliance	E001	05/22/2023	Antimony, total	0.0004 U	mg/L
MW-384	Compliance	E001	05/22/2023	Arsenic, total	0.0087 U	mg/L
MW-384	Compliance	E001	05/22/2023	Barium, total	0.0513	mg/L
MW-384	Compliance	E001	05/22/2023	Beryllium, total	0.0002 U	mg/L
MW-384	Compliance	E001	05/22/2023	Boron, total	1.48 J+	mg/L
MW-384	Compliance	E001	05/22/2023	Cadmium, total	0.0005 U	mg/L
MW-384	Compliance	E001	05/22/2023	Calcium, total	17.4	mg/L
MW-384	Compliance	E001	05/22/2023	Chloride, total	492	mg/L
MW-384	Compliance	E001	05/22/2023	Chromium, total	0.0028 U	mg/L
MW-384	Compliance	E001	05/22/2023	Cobalt, total	0.0002 J	mg/L
MW-384	Compliance	E001	05/22/2023	Dissolved Oxygen	0.940	mg/L
MW-384	Compliance	E001	05/22/2023	Fluoride, total	3.68	mg/L
MW-384	Compliance	E001	05/22/2023	Lead, total	0.004 U	mg/L
MW-384	Compliance	E001	05/22/2023	Lithium, total	0.0271	mg/L
MW-384	Compliance	E001	05/22/2023	Mercury, total	0.00006 U	mg/L
MW-384	Compliance	E001	05/22/2023	Molybdenum, total	0.0227	mg/L
MW-384	Compliance	E001	05/22/2023	Oxidation Reduction Potential	69.0	mV
MW-384	Compliance	E001	05/22/2023	pH (field)	7.7	SU
MW-384	Compliance	E001	05/22/2023	Radium 226 + Radium 228, total	1.21 J+	pCi/L
MW-384	Compliance	E001	05/22/2023	Selenium, total	0.0006 U	mg/L
MW-384	Compliance	E001	05/22/2023	Specific Conductance @ 25C (field)	1,970	micromhos/cm
MW-384	Compliance	E001	05/22/2023	Sulfate, total	43.0 J+	mg/L
MW-384	Compliance	E001	05/22/2023	Temperature	17.0	degrees C
MW-384	Compliance	E001	05/22/2023	Thallium, total	0.001 U	mg/L
MW-384	Compliance	E001	05/22/2023	Total Dissolved Solids	1,480	mg/L
MW-384	Compliance	E001	05/22/2023	Turbidity, field	10.0	NTU
MW-390	Compliance	E001	05/17/2023	Antimony, total	0.0005 J	mg/L
MW-390	Compliance	E001	05/17/2023	Arsenic, total	0.0087 U	mg/L
MW-390	Compliance	E001	05/17/2023	Barium, total	0.0886	mg/L
MW-390	Compliance	E001	05/17/2023	Beryllium, total	0.0002 U	mg/L
MW-390	Compliance	E001	05/17/2023	Boron, total	0.234 J+	mg/L
MW-390	Compliance	E001	05/17/2023	Cadmium, total	0.0005 U	mg/L
MW-390	Compliance	E001	05/17/2023	Calcium, total	96.0	mg/L
MW-390	Compliance	E001	05/17/2023	Chloride, total	47.0	mg/L
MW-390	Compliance	E001	05/17/2023	Chromium, total	0.0028 U	mg/L
MW-390	Compliance	E001	05/17/2023	Cobalt, total	0.00300	mg/L
MW-390	Compliance	E001	05/17/2023	Dissolved Oxygen	0.760	mg/L
MW-390	Compliance	E001	05/17/2023	Fluoride, total	0.400	mg/L
MW-390	Compliance	E001	05/17/2023	Lead, total	0.004 U	mg/L
MW-390	Compliance	E001	05/17/2023	Lithium, total	0.005 U	mg/L
MW-390	Compliance	E001	05/17/2023	Mercury, total	0.00006 U	mg/L
MW-390	Compliance	E001	05/17/2023	Molybdenum, total	0.0047 J	mg/L
MW-390	Compliance	E001	05/17/2023	Oxidation Reduction Potential	-32.0	mV
MW-390	Compliance	E001	05/17/2023	pH (field)	6.8	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-390	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	1.20 J+	pCi/L
MW-390	Compliance	E001	05/17/2023	Selenium, total	0.0006 U	mg/L
MW-390	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	1,070	micromhos/cm
MW-390	Compliance	E001	05/17/2023	Sulfate, total	118	mg/L
MW-390	Compliance	E001	05/17/2023	Temperature	15.4	degrees C
MW-390	Compliance	E001	05/17/2023	Thallium, total	0.001 U	mg/L
MW-390	Compliance	E001	05/17/2023	Total Dissolved Solids	642	mg/L
MW-390	Compliance	E001	05/17/2023	Turbidity, field	2.50	NTU
MW-391	Compliance	E001	05/17/2023	Antimony, total	0.00150	mg/L
MW-391	Compliance	E001	05/17/2023	Arsenic, total	0.0087 U	mg/L
MW-391	Compliance	E001	05/17/2023	Barium, total	0.0287	mg/L
MW-391	Compliance	E001	05/17/2023	Beryllium, total	0.0002 J	mg/L
MW-391	Compliance	E001	05/17/2023	Boron, total	2.49 J+	mg/L
MW-391	Compliance	E001	05/17/2023	Cadmium, total	0.0005 U	mg/L
MW-391	Compliance	E001	05/17/2023	Calcium, total	18.7	mg/L
MW-391	Compliance	E001	05/17/2023	Chloride, total	170	mg/L
MW-391	Compliance	E001	05/17/2023	Chromium, total	0.00530	mg/L
MW-391	Compliance	E001	05/17/2023	Cobalt, total	0.00140	mg/L
MW-391	Compliance	E001	05/17/2023	Dissolved Oxygen	1.07	mg/L
MW-391	Compliance	E001	05/17/2023	Fluoride, total	3.24	mg/L
MW-391	Compliance	E001	05/17/2023	Lead, total	0.004 U	mg/L
MW-391	Compliance	E001	05/17/2023	Lithium, total	0.0838	mg/L
MW-391	Compliance	E001	05/17/2023	Mercury, total	0.00006 U	mg/L
MW-391	Compliance	E001	05/17/2023	Molybdenum, total	0.0620	mg/L
MW-391	Compliance	E001	05/17/2023	Oxidation Reduction Potential	53.0	mV
MW-391	Compliance	E001	05/17/2023	pH (field)	7.8	SU
MW-391	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	1.42 J+	pCi/L
MW-391	Compliance	E001	05/17/2023	Selenium, total	0.00310	mg/L
MW-391	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	3,130	micromhos/cm
MW-391	Compliance	E001	05/17/2023	Sulfate, total	430	mg/L
MW-391	Compliance	E001	05/17/2023	Temperature	15.6	degrees C
MW-391	Compliance	E001	05/17/2023	Thallium, total	0.001 U	mg/L
MW-391	Compliance	E001	05/17/2023	Total Dissolved Solids	1,970	mg/L
MW-391	Compliance	E001	05/17/2023	Turbidity, field	19.0	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Notes:

C = Celsius

cm = centimeter

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

R = resample

SU = Standard Units

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J- = The result is an estimated quantity, but the result may be biased low.

J+ = The result is an estimated quantity, but the result may be biased high.

U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-150	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-150	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.017	2	Standard	No Exceedance
MW-150	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-150	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	4.12	2.16	Background	Determined
MW-150	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-150	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	56	1,370	Background	No Exceedance
MW-150	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-150	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.7	4	Standard	No Exceedance
MW-150	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
MW-150	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0506	0.14	Background	No Exceedance
MW-150	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-150	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-150	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	7.1/7.1	6.5/11.11	Background/Background	No Exceedance
MW-150	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.39	5	Standard	No Exceedance
MW-150	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0015	0.05	Standard	No Exceedance
MW-150	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	970	762	Background	Determined
MW-150	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-150	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,790	3,260	Background	No Exceedance
MW-151	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E001R	Antimony, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	67	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-151	PMP	E001R	Arsenic, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-151	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.138	2	Standard	No Exceedance
MW-151	PMP	E001R	Barium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.055	2	Standard	No Exceedance
MW-151	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	67	Most recent sample	0.0015	0.004	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-151	PMP	E001R	Beryllium, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-151	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.345	2.16	Background	No Exceedance
MW-151	PMP	E001R	Boron, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.749	2.16	Background	No Exceedance
MW-151	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-151	PMP	E001R	Cadmium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-151	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	46	1,370	Background	No Exceedance
MW-151	PMP	E001R	Chloride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	38	1,370	Background	No Exceedance
MW-151	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.028	0.1	Standard	No Exceedance
MW-151	PMP	E001R	Chromium, total	mg/L	03/15/23 - 07/10/23	3	33	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-151	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.0172	0.006	Standard	Potential
MW-151	PMP	E001R	Cobalt, total	mg/L	03/15/23 - 07/10/23	3	33	Most recent sample	0.001	0.006	Standard	Not Confirmed
MW-151	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.54	4	Standard	No Exceedance
MW-151	PMP	E001R	Fluoride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.53	4	Standard	No Exceedance
MW-151	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.02	0.0075	Standard	Potential
MW-151	PMP	E001R	Lead, total	mg/L	03/15/23 - 07/10/23	3	33	Most recent sample	0.0075	0.0075	Standard	Not Confirmed
MW-151	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0323	0.14	Background	No Exceedance
MW-151	PMP	E001R	Lithium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.0277	0.14	Background	No Exceedance
MW-151	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E001R	Mercury, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-151	PMP	E001R	Molybdenum, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-151	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.8/6.8	6.5/11.11	Background/Background	No Exceedance
MW-151	PMP	E001R	pH (field)	SU	03/15/23 - 07/10/23	3	0	Most recent sample	7.0/7.0	6.5/11.11	Background/Background	No Exceedance
MW-151	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	2.92	5	Standard	No Exceedance
MW-151	PMP	E001R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.235	5	Standard	No Exceedance
MW-151	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-151	PMP	E001R	Selenium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.05	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-151	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	74	762	Background	No Exceedance
MW-151	PMP	E001R	Sulfate, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	82	762	Background	No Exceedance
MW-151	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E001R	Thallium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	545	3,260	Background	No Exceedance
MW-151	PMP	E001R	Total Dissolved Solids	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	602	3,260	Background	No Exceedance
MW-152	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-152	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0167	2	Standard	No Exceedance
MW-152	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-152	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.515	2.16	Background	No Exceedance
MW-152	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-152	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	8	1,370	Background	No Exceedance
MW-152	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-152	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.31	4	Standard	No Exceedance
MW-152	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
MW-152	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	50	Most recent sample	0.005	0.14	Background	No Exceedance
MW-152	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-152	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-152	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.9/6.9	6.5/11.11	Background/Background	No Exceedance
MW-152	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.179	5	Standard	No Exceedance
MW-152	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-152	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	242	762	Background	No Exceedance
MW-152	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-152	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	706	3,260	Background	No Exceedance
MW-153	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-153	PMP	E001R	Antimony, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-153	PMP	E001R	Arsenic, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-153	PMP	E001	Barium, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.0867	2	Standard	No Exceedance
MW-153	PMP	E001R	Barium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.0365	2	Standard	No Exceedance
MW-153	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0006	0.004	Standard	No Exceedance
MW-153	PMP	E001R	Beryllium, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-153	PMP	E001	Boron, total	mg/L	03/15/23 - 05/22/23	2	75	Most recent sample	0.02	2.16	Background	No Exceedance
MW-153	PMP	E001R	Boron, total	mg/L	03/15/23 - 07/10/23	3	75	Most recent sample	0.02	2.16	Background	No Exceedance
MW-153	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-153	PMP	E001R	Cadmium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-153	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	16	1,370	Background	No Exceedance
MW-153	PMP	E001R	Chloride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	15	1,370	Background	No Exceedance
MW-153	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0119	0.1	Standard	No Exceedance
MW-153	PMP	E001R	Chromium, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-153	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0023	0.006	Standard	No Exceedance
MW-153	PMP	E001R	Cobalt, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.36	4	Standard	No Exceedance
MW-153	PMP	E001R	Fluoride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.39	4	Standard	No Exceedance
MW-153	PMP	E001	Lead, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0083	0.0075	Standard	Potential
MW-153	PMP	E001R	Lead, total	mg/L	03/15/23 - 07/10/23	3	67	Most recent sample	0.0075	0.0075	Standard	Not Confirmed
MW-153	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/22/23	2	33	Most recent sample	0.005	0.14	Background	No Exceedance
MW-153	PMP	E001R	Lithium, total	mg/L	03/15/23 - 07/10/23	3	33	Most recent sample	0.0034	0.14	Background	No Exceedance
MW-153	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E001R	Mercury, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-153	PMP	E001R	Molybdenum, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.01	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-153	PMP	E001	pH (field)	SU	03/15/23 - 05/22/23	2	0	Most recent sample	7.2/7.2	6.5/11.11	Background/Background	No Exceedance
MW-153	PMP	E001R	pH (field)	SU	03/15/23 - 07/10/23	3	0	Most recent sample	6.8/6.8	6.5/11.11	Background/Background	No Exceedance
MW-153	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/22/23	2	0	Most recent sample	2.68	5	Standard	No Exceedance
MW-153	PMP	E001R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.732	5	Standard	No Exceedance
MW-153	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.0026	0.05	Standard	No Exceedance
MW-153	PMP	E001R	Selenium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.0024	0.05	Standard	No Exceedance
MW-153	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	75	762	Background	No Exceedance
MW-153	PMP	E001R	Sulfate, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	62	762	Background	No Exceedance
MW-153	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E001R	Thallium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	350	3,260	Background	No Exceedance
MW-153	PMP	E001R	Total Dissolved Solids	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	378	3,260	Background	No Exceedance
MW-252	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0036	0.006	Standard	No Exceedance
MW-252	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-252	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0377	2	Standard	No Exceedance
MW-252	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-252	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.174	2.16	Background	No Exceedance
MW-252	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-252	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	38	1,370	Background	No Exceedance
MW-252	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-252	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	50	Most recent sample	0.0022	0.006	Standard	No Exceedance
MW-252	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.22	4	Standard	No Exceedance
MW-252	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
MW-252	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0102	0.14	Background	No Exceedance
MW-252	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-252	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-252	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.8/6.8	6.5/11.11	Background/Background	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-252	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.237	5	Standard	No Exceedance
MW-252	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-252	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	454	762	Background	No Exceedance
MW-252	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-252	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,200	3,260	Background	No Exceedance
MW-350	UA	E001	Antimony, total	mg/L	03/26/20 - 05/18/23	8	12	CI around mean	0.00067	0.006	Standard	No Exceedance
MW-350	UA	E001	Arsenic, total	mg/L	03/26/20 - 05/18/23	8	88	CI around median	0.001	0.0104	Background	No Exceedance
MW-350	UA	E001	Barium, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.176	2	Standard	No Exceedance
MW-350	UA	E001	Beryllium, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-350	UA	E001	Boron, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.535	2.16	Background	No Exceedance
MW-350	UA	E001	Cadmium, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-350	UA	E001	Chloride, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	38.7	1,370	Background	No Exceedance
MW-350	UA	E001	Chromium, total	mg/L	03/26/20 - 05/18/23	8	75	CI around median	0.0015	0.1	Standard	No Exceedance
MW-350	UA	E001	Cobalt, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350	UA	E001	Fluoride, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.142	4	Standard	No Exceedance
MW-350	UA	E001	Lead, total	mg/L	03/26/20 - 05/18/23	8	50	CI around median	0.001	0.0075	Standard	No Exceedance
MW-350	UA	E001	Lithium, total	mg/L	03/26/20 - 05/18/23	9	0	CI around mean	0.0728	0.14	Background	No Exceedance
MW-350	UA	E001	Mercury, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-350	UA	E001	Molybdenum, total	mg/L	03/26/20 - 05/18/23	8	12	CI around mean	0.00228	0.1	Standard	No Exceedance
MW-350	UA	E001	pH (field)	SU	03/26/20 - 05/18/23	16	0	CI around median	10.7/11.5	6.5/11.11	Background/Background	No Exceedance
MW-350	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/26/20 - 05/18/23	8	0	CI around mean	0.809	5	Standard	No Exceedance
MW-350	UA	E001	Selenium, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-350	UA	E001	Sulfate, total	mg/L	03/26/20 - 05/18/23	8	11	CI around mean	62.9	762	Background	No Exceedance
MW-350	UA	E001	Thallium, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-350	UA	E001	Total Dissolved Solids	mg/L	03/26/20 - 05/18/23	15	0	CB around linear reg	331	3,260	Background	No Exceedance
MW-352	UA	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-352	UA	E001R	Antimony, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-352	UA	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-352	UA	E001R	Arsenic, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.01	0.0104	Background	No Exceedance
MW-352	UA	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0891	2	Standard	No Exceedance
MW-352	UA	E001R	Barium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.0898	2	Standard	No Exceedance
MW-352	UA	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-352	UA	E001R	Beryllium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
MW-352	UA	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	2.04	2.16	Background	No Exceedance
MW-352	UA	E001R	Boron, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	2.1	2.16	Background	No Exceedance
MW-352	UA	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-352	UA	E001R	Cadmium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.005	Standard	No Exceedance
MW-352	UA	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	569	1,370	Background	No Exceedance
MW-352	UA	E001R	Chloride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	582	1,370	Background	No Exceedance
MW-352	UA	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-352	UA	E001R	Chromium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.005	0.1	Standard	No Exceedance
MW-352	UA	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-352	UA	E001R	Cobalt, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-352	UA	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.27	4	Standard	No Exceedance
MW-352	UA	E001R	Fluoride, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	1.46	4	Standard	No Exceedance
MW-352	UA	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
MW-352	UA	E001R	Lead, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
MW-352	UA	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0934	0.14	Background	No Exceedance
MW-352	UA	E001R	Lithium, total	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	0.102	0.14	Background	No Exceedance
MW-352	UA	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E001R	Mercury, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-352	UA	E001R	Molybdenum, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.01	0.1	Standard	No Exceedance
MW-352	UA	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	7.4/7.4	6.5/11.11	Background/Background	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-352	UA	E001R	pH (field)	SU	03/15/23 - 07/10/23	3	0	Most recent sample	7.3/7.3	6.5/11.11	Background/Background	No Exceedance
MW-352	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.09	5	Standard	No Exceedance
MW-352	UA	E001R	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/10/23	3	0	Most recent sample	1.06	5	Standard	No Exceedance
MW-352	UA	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-352	UA	E001R	Selenium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-352	UA	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	10	762	Background	No Exceedance
MW-352	UA	E001R	Sulfate, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	10	762	Background	No Exceedance
MW-352	UA	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-352	UA	E001R	Thallium, total	mg/L	03/15/23 - 07/10/23	3	100	Most recent sample	0.002	0.002	Standard	No Exceedance
MW-352	UA	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,270	3,260	Background	No Exceedance
MW-352	UA	E001R	Total Dissolved Solids	mg/L	03/15/23 - 07/10/23	3	0	Most recent sample	1,330	3,260	Background	No Exceedance
MW-366	UA	E001	Antimony, total	mg/L	01/20/16 - 05/16/23	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-366	UA	E001	Arsenic, total	mg/L	01/20/16 - 05/16/23	20	95	CI around median	0.001	0.0104	Background	No Exceedance
MW-366	UA	E001	Barium, total	mg/L	01/20/16 - 05/16/23	20	0	CB around linear reg	0.0195	2	Standard	No Exceedance
MW-366	UA	E001	Beryllium, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-366	UA	E001	Boron, total	mg/L	01/20/16 - 05/16/23	21	0	CI around geomean	1.49	2.16	Background	No Exceedance
MW-366	UA	E001	Cadmium, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-366	UA	E001	Chloride, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	48.4	1,370	Background	No Exceedance
MW-366	UA	E001	Chromium, total	mg/L	01/20/16 - 05/16/23	20	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-366	UA	E001	Cobalt, total	mg/L	01/20/16 - 05/16/23	18	78	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E001	Fluoride, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	0.0856	4	Standard	No Exceedance
MW-366	UA	E001	Lead, total	mg/L	01/20/16 - 05/16/23	17	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-366	UA	E001	Lithium, total	mg/L	01/20/16 - 05/16/23	20	5	CB around linear reg	0.000159	0.14	Background	No Exceedance
MW-366	UA	E001	Mercury, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-366	UA	E001	Molybdenum, total	mg/L	01/20/16 - 05/16/23	20	5	CI around mean	0.00285	0.1	Standard	No Exceedance
MW-366	UA	E001	pH (field)	SU	01/20/16 - 05/16/23	21	0	CB around linear reg	6.5/7.0	6.5/11.11	Background/Background	No Exceedance
MW-366	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 05/16/23	20	0	CI around geomean	0.416	5	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-366	UA	E001	Selenium, total	mg/L	01/20/16 - 05/16/23	20	95	CI around median	0.001	0.05	Standard	No Exceedance
MW-366	UA	E001	Sulfate, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	570	762	Background	No Exceedance
MW-366	UA	E001	Thallium, total	mg/L	01/20/16 - 05/16/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-366	UA	E001	Total Dissolved Solids	mg/L	01/20/16 - 05/16/23	20	0	CB around linear reg	1,210	3,260	Background	No Exceedance
MW-375	UA	E001	Antimony, total	mg/L	01/20/16 - 05/18/23	20	20	CB around T-S line	-6.29e-05	0.006	Standard	No Exceedance
MW-375	UA	E001	Arsenic, total	mg/L	01/20/16 - 05/18/23	20	5	CI around median	0.0014	0.0104	Background	No Exceedance
MW-375	UA	E001	Barium, total	mg/L	01/20/16 - 05/18/23	20	0	CI around geomean	0.0245	2	Standard	No Exceedance
MW-375	UA	E001	Beryllium, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-375	UA	E001	Boron, total	mg/L	01/20/16 - 05/18/23	21	0	CB around T-S line	1.43	2.16	Background	No Exceedance
MW-375	UA	E001	Cadmium, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-375	UA	E001	Chloride, total	mg/L	01/20/16 - 05/18/23	21	0	CB around linear reg	96.9	1,370	Background	No Exceedance
MW-375	UA	E001	Chromium, total	mg/L	01/20/16 - 05/18/23	20	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-375	UA	E001	Cobalt, total	mg/L	01/20/16 - 05/18/23	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-375	UA	E001	Fluoride, total	mg/L	01/20/16 - 05/18/23	21	0	CI around mean	2.21	4	Standard	No Exceedance
MW-375	UA	E001	Lead, total	mg/L	01/20/16 - 05/18/23	17	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-375	UA	E001	Lithium, total	mg/L	01/20/16 - 05/18/23	20	0	CB around linear reg	0.0709	0.14	Background	No Exceedance
MW-375	UA	E001	Mercury, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-375	UA	E001	Molybdenum, total	mg/L	01/20/16 - 05/18/23	20	0	CI around mean	0.0243	0.1	Standard	No Exceedance
MW-375	UA	E001	pH (field)	SU	01/20/16 - 05/18/23	21	0	CI around median	7.8/7.8	6.5/11.11	Background/Background	No Exceedance
MW-375	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 05/18/23	20	0	CI around median	0.23	5	Standard	No Exceedance
MW-375	UA	E001	Selenium, total	mg/L	01/20/16 - 05/18/23	20	90	CI around median	0.001	0.05	Standard	No Exceedance
MW-375	UA	E001	Sulfate, total	mg/L	01/20/16 - 05/18/23	21	0	CI around mean	117	762	Background	No Exceedance
MW-375	UA	E001	Thallium, total	mg/L	01/20/16 - 05/18/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-375	UA	E001	Total Dissolved Solids	mg/L	01/20/16 - 05/18/23	21	0	CB around T-S line	955	3,260	Background	No Exceedance
MW-377	UA	E001	Antimony, total	mg/L	01/19/16 - 05/22/23	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-377	UA	E001	Arsenic, total	mg/L	01/19/16 - 05/22/23	20	80	CI around median	0.001	0.0104	Background	No Exceedance
MW-377	UA	E001	Barium, total	mg/L	01/19/16 - 05/22/23	20	0	CI around mean	0.0603	2	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-377	UA	E001	Beryllium, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-377	UA	E001	Boron, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	1.67	2.16	Background	No Exceedance
MW-377	UA	E001	Cadmium, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-377	UA	E001	Chloride, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	89.6	1,370	Background	No Exceedance
MW-377	UA	E001	Chromium, total	mg/L	01/19/16 - 05/22/23	20	95	CB around T-S line	0.0012	0.1	Standard	No Exceedance
MW-377	UA	E001	Cobalt, total	mg/L	01/19/16 - 05/22/23	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-377	UA	E001	Fluoride, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	1.11	4	Standard	No Exceedance
MW-377	UA	E001	Lead, total	mg/L	01/19/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-377	UA	E001	Lithium, total	mg/L	01/19/16 - 05/22/23	20	0	CB around linear reg	0.0574	0.14	Background	No Exceedance
MW-377	UA	E001	Mercury, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-377	UA	E001	Molybdenum, total	mg/L	01/19/16 - 05/22/23	20	60	CI around median	0.0015	0.1	Standard	No Exceedance
MW-377	UA	E001	pH (field)	SU	01/19/16 - 05/22/23	21	0	CI around median	7.1/7.2	6.5/11.11	Background/Background	No Exceedance
MW-377	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 05/22/23	20	0	CI around mean	0.347	5	Standard	No Exceedance
MW-377	UA	E001	Selenium, total	mg/L	01/19/16 - 05/22/23	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-377	UA	E001	Sulfate, total	mg/L	01/19/16 - 05/22/23	21	0	CB around linear reg	35.2	762	Background	No Exceedance
MW-377	UA	E001	Thallium, total	mg/L	01/19/16 - 05/22/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-377	UA	E001	Total Dissolved Solids	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	596	3,260	Background	No Exceedance
MW-383	UA	E001	Antimony, total	mg/L	01/21/16 - 05/22/23	20	85	CB around T-S line	0.000622	0.006	Standard	No Exceedance
MW-383	UA	E001	Arsenic, total	mg/L	01/21/16 - 05/22/23	20	75	CI around median	0.001	0.0104	Background	No Exceedance
MW-383	UA	E001	Barium, total	mg/L	01/21/16 - 05/22/23	20	0	CB around T-S line	0.0445	2	Standard	No Exceedance
MW-383	UA	E001	Beryllium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-383	UA	E001	Boron, total	mg/L	01/21/16 - 05/22/23	21	0	CI around median	1.34	2.16	Background	No Exceedance
MW-383	UA	E001	Cadmium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-383	UA	E001	Chloride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	41	1,370	Background	No Exceedance
MW-383	UA	E001	Chromium, total	mg/L	01/21/16 - 05/22/23	20	95	CB around T-S line	0.00121	0.1	Standard	No Exceedance
MW-383	UA	E001	Cobalt, total	mg/L	01/21/16 - 05/22/23	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-383	UA	E001	Fluoride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	0.63	4	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-383	UA	E001	Lead, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-383	UA	E001	Lithium, total	mg/L	01/21/16 - 05/22/23	20	0	CI around mean	0.0329	0.14	Background	No Exceedance
MW-383	UA	E001	Mercury, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-383	UA	E001	Molybdenum, total	mg/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.0102	0.1	Standard	No Exceedance
MW-383	UA	E001	pH (field)	SU	01/21/16 - 05/22/23	21	0	CB around linear reg	7.4/7.6	6.5/11.11	Background/Background	No Exceedance
MW-383	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.224	5	Standard	No Exceedance
MW-383	UA	E001	Selenium, total	mg/L	01/21/16 - 05/22/23	20	95	CI around median	0.001	0.05	Standard	No Exceedance
MW-383	UA	E001	Sulfate, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	148	762	Background	No Exceedance
MW-383	UA	E001	Thallium, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-383	UA	E001	Total Dissolved Solids	mg/L	01/21/16 - 05/22/23	21	0	CI around mean	873	3,260	Background	No Exceedance
MW-384	UA	E001	Antimony, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E001	Arsenic, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.01	0.0104	Background	No Exceedance
MW-384	UA	E001	Barium, total	mg/L	01/21/16 - 05/22/23	20	0	CB around T-S line	0.0329	2	Standard	No Exceedance
MW-384	UA	E001	Beryllium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-384	UA	E001	Boron, total	mg/L	01/21/16 - 05/22/23	21	0	CI around median	1.41	2.16	Background	No Exceedance
MW-384	UA	E001	Cadmium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-384	UA	E001	Chloride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	447	1,370	Background	No Exceedance
MW-384	UA	E001	Chromium, total	mg/L	01/21/16 - 05/22/23	20	95	CB around T-S line	0.00121	0.1	Standard	No Exceedance
MW-384	UA	E001	Cobalt, total	mg/L	01/21/16 - 05/22/23	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E001	Fluoride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	3.41	4	Standard	No Exceedance
MW-384	UA	E001	Lead, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-384	UA	E001	Lithium, total	mg/L	01/21/16 - 05/22/23	20	0	CI around mean	0.0384	0.14	Background	No Exceedance
MW-384	UA	E001	Mercury, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-384	UA	E001	Molybdenum, total	mg/L	01/21/16 - 05/22/23	20	0	CB around linear reg	0.0242	0.1	Standard	No Exceedance
MW-384	UA	E001	pH (field)	SU	01/21/16 - 05/22/23	21	0	CI around median	7.8/8.0	6.5/11.11	Background/Background	No Exceedance
MW-384	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.333	5	Standard	No Exceedance
MW-384	UA	E001	Selenium, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-384	UA	E001	Sulfate, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	-1.43	762	Background	No Exceedance
MW-384	UA	E001	Thallium, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-384	UA	E001	Total Dissolved Solids	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	1,420	3,260	Background	No Exceedance
MW-390	UA	E001	Antimony, total	mg/L	03/22/16 - 05/17/23	20	95	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E001	Arsenic, total	mg/L	03/22/16 - 05/17/23	20	10	CI around median	0.0013	0.0104	Background	No Exceedance
MW-390	UA	E001	Barium, total	mg/L	03/22/16 - 05/17/23	20	0	CB around linear reg	0.0691	2	Standard	No Exceedance
MW-390	UA	E001	Beryllium, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-390	UA	E001	Boron, total	mg/L	03/22/16 - 05/17/23	21	0	CB around linear reg	-0.805	2.16	Background	No Exceedance
MW-390	UA	E001	Cadmium, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-390	UA	E001	Chloride, total	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	64	1,370	Background	No Exceedance
MW-390	UA	E001	Chromium, total	mg/L	03/22/16 - 05/17/23	20	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-390	UA	E001	Cobalt, total	mg/L	03/22/16 - 05/17/23	18	67	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E001	Fluoride, total	mg/L	03/22/16 - 05/17/23	21	0	CB around linear reg	0.2	4	Standard	No Exceedance
MW-390	UA	E001	Lead, total	mg/L	03/22/16 - 05/17/23	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-390	UA	E001	Lithium, total	mg/L	03/22/16 - 05/17/23	20	5	CB around linear reg	-0.000547	0.14	Background	No Exceedance
MW-390	UA	E001	Mercury, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-390	UA	E001	Molybdenum, total	mg/L	03/22/16 - 05/17/23	20	5	CI around geomean	0.00313	0.1	Standard	No Exceedance
MW-390	UA	E001	pH (field)	SU	03/22/16 - 05/17/23	21	0	CB around linear reg	6.7/7.2	6.5/11.11	Background/Background	No Exceedance
MW-390	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 05/17/23	20	0	CI around mean	0.624	5	Standard	No Exceedance
MW-390	UA	E001	Selenium, total	mg/L	03/22/16 - 05/17/23	20	90	CI around median	0.001	0.05	Standard	No Exceedance
MW-390	UA	E001	Sulfate, total	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	137	762	Background	No Exceedance
MW-390	UA	E001	Thallium, total	mg/L	03/22/16 - 05/17/23	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-390	UA	E001	Total Dissolved Solids	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	676	3,260	Background	No Exceedance
MW-391	UA	E001	Antimony, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	0.00151	0.006	Standard	No Exceedance
MW-391	UA	E001	Arsenic, total	mg/L	12/22/16 - 05/17/23	15	7	CB around linear reg	0.00306	0.0104	Background	No Exceedance
MW-391	UA	E001	Barium, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	0.00824	2	Standard	No Exceedance
MW-391	UA	E001	Beryllium, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
 845 QUARTERLY REPORT
 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-391	UA	E001	Boron, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	2.42	2.16	Background	Determined
MW-391	UA	E001	Cadmium, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-391	UA	E001	Chloride, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	75.6	1,370	Background	No Exceedance
MW-391	UA	E001	Chromium, total	mg/L	12/22/16 - 05/17/23	15	80	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-391	UA	E001	Cobalt, total	mg/L	12/22/16 - 05/17/23	13	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-391	UA	E001	Fluoride, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	2.84	4	Standard	No Exceedance
MW-391	UA	E001	Lead, total	mg/L	12/22/16 - 05/17/23	12	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-391	UA	E001	Lithium, total	mg/L	12/22/16 - 05/17/23	16	0	CI around mean	0.0689	0.14	Background	No Exceedance
MW-391	UA	E001	Mercury, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-391	UA	E001	Molybdenum, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	0.0368	0.1	Standard	No Exceedance
MW-391	UA	E001	pH (field)	SU	12/22/16 - 05/17/23	16	0	CB around linear reg	7.6/8.1	6.5/11.11	Background/Background	No Exceedance
MW-391	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 05/17/23	15	0	CI around mean	0.724	5	Standard	No Exceedance
MW-391	UA	E001	Selenium, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	-0.0066	0.05	Standard	No Exceedance
MW-391	UA	E001	Sulfate, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	64.8	762	Background	No Exceedance
MW-391	UA	E001	Thallium, total	mg/L	12/22/16 - 05/17/23	13	92	CI around median	0.001	0.002	Standard	No Exceedance
MW-391	UA	E001	Total Dissolved Solids	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	1,960	3,260	Background	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Notes:

Exceedance Type:

No Exceedance: No exceedance of the GWPS and no resample was collected.

Not Confirmed: An exceedance was determined in the parent event, a resample was collected, and the resample did not confirm the exceedance.

Potential: An individual LCL or UCL exceeded the GWPS; resample has been collected and not confirmed the exceedance OR resample is pending.

Determined: An exceedance was determined without comparison to a resample.

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

LCL = Lower Confidence Limit

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

R = resample

SU = standard units

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result

Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown

CB around T-S line = Confidence band around Thiel-Sen line

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Most recent sample = Result for the most recently collected sample used due to insufficient data

Statistical Result = calculated in accordance with Statistical Analysis Plan using constituent concentrations observed at monitoring well during all sampling events within the specified date range

For pH, the values presented are the lower / upper limits

GWPS = Groundwater Protection Standard

GWPS Source:

Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

Background = background concentration (see cover page for additional information)

UCL = Upper Confidence Limit

FIGURES

PROJECT: 16900XXXXX | DATED: 7/31/2023 | DESIGNER: GALARNIC
 Y:\Mapping\Projects\222285\WXD\845_Operating_Permit\Baldwin\FAPS\GMP\Figure 2-2_BAL FAPS Expanded Monitoring Well Network.mxd



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

- BACKGROUND MONITORING WELL
- COMPLIANCE MONITORING WELL
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- CAPPED AREA
- PROPERTY BOUNDARY



35 I.A.C. § 845 GROUNDWATER MONITORING WELL NETWORK

FLY ASH POND SYSTEM
 BALDWIN POWER PLANT
 BALDWIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
 ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2 2023**

**ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2023**

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-150	Compliance	05/16/2023	18.46	378.08
MW-151	Compliance	05/18/2023	[5.58]	[394.38]
MW-152	Compliance	05/18/2023	[6.50]	[418.49]
MW-153	Compliance	05/16/2023	12.43	433.24
MW-252	Compliance	05/18/2023	[2.13]	[422.94]
MW-253	Compliance	05/16/2023	12.91	432.93
MW-304	Background	05/16/2023	9.60	445.89
MW-306	Background	05/16/2023	14.67	438.50
MW-350	Compliance	05/16/2023	23.76	373.04
MW-352	Compliance	05/18/2023	[3.27]	[421.77]
MW-366	Compliance	05/16/2023	13.19	411.89
MW-375	Compliance	05/18/2023	[32.21]	[390.84]
MW-377	Compliance	05/22/2023	[5.65]	[415.71]
MW-383	Compliance	05/16/2023	19.44	440.05
MW-384	Compliance	05/16/2023	14.79	444.16
MW-390	Compliance	05/17/2023	6.20	421.86
MW-391	Compliance	05/16/2023	60.87	365.76

Notes:

BMP = below measuring point

Bracketing [] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.

NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 2 2023**

June 19, 2023

Eric Bauer
Ramboll
300 S. Wacker Drive
Suite 130
Chicago, IL 60606
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-23Q2

WorkOrder: 23050523

Dear Eric Bauer:

TEKLAB, INC received 54 samples on 5/23/2023 8:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

Cooler Receipt Temp: 9.0 °C

An employee of Teklab, Inc. collected the sample(s).

MW-154 could not be collected; the well is dry. MW-253 could not be collected; the pump is stuck in the well.
TAC/EAH 5/22/23

BAL_845_605 data is included in this report. EAH 6/19/23

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

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Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
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Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-003
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-150
Collection Date: 05/18/2023 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		18.67	ft	1	05/18/2023 11:19	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.0	NTU	1	05/18/2023 11:19	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		20	mV	1	05/18/2023 11:19	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2220	µS/cm	1	05/18/2023 11:19	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.6	°C	1	05/18/2023 11:19	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.21	mg/L	1	05/18/2023 11:19	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.06		1	05/18/2023 11:19	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		336	mg/L	1	05/22/2023 9:49	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 9:49	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1790	mg/L	1	05/23/2023 10:53	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		970	mg/L	20	05/24/2023 11:51	R329312
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.70	mg/L	1	05/19/2023 13:34	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		56	mg/L	5	05/21/2023 15:06	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 18:33	206399
Barium	NELAP	0.0007	0.0025		0.0170	mg/L	1	05/26/2023 18:33	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 18:33	206399
Boron	NELAP	0.0090	0.0200		4.12	mg/L	1	05/26/2023 18:33	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 18:33	206399
Calcium	NELAP	0.0350	0.100		223	mg/L	1	05/26/2023 18:33	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 19:13	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 19:13	206399
Lithium	NELAP	0.0019	0.0050		0.0506	mg/L	1	05/26/2023 18:33	206399
Magnesium	NELAP	0.0055	0.0500		173	mg/L	1	05/26/2023 18:33	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/26/2023 18:33	206399
Potassium	NELAP	0.0400	0.100		0.893	mg/L	1	05/22/2023 19:13	206399
Sodium	NELAP	0.0180	0.0500		121	mg/L	1	05/26/2023 18:33	206399
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 17:24	206399
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/22/2023 17:24	206399
Selenium	NELAP	0.0006	0.0010		0.0015	mg/L	5	05/22/2023 17:24	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:24	206399



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-003
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-150
Collection Date: 05/18/2023 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 12:55	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-004
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-151
Collection Date: 05/18/2023 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.58	ft	1	05/18/2023 13:48	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		70	NTU	1	05/18/2023 13:48	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		125	mV	1	05/18/2023 13:48	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		991	µS/cm	1	05/18/2023 13:48	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.6	°C	1	05/18/2023 13:48	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.48	mg/L	1	05/18/2023 13:48	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		6.82		1	05/18/2023 13:48	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		523	mg/L	1	05/22/2023 9:56	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 9:56	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		545	mg/L	2.5	05/23/2023 10:54	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20	S	74	mg/L	2	05/25/2023 2:55	R329312
<i>Matrix spike did not recover within control limits. Results verify by dilution.</i>									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.54	mg/L	1	05/19/2023 13:36	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		46	mg/L	10	05/21/2023 15:22	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 19:01	206399
Barium	NELAP	0.0007	0.0025		0.138	mg/L	1	05/26/2023 19:01	206399
Beryllium	NELAP	0.0002	0.0005		0.0015	mg/L	1	05/26/2023 19:01	206399
Boron	NELAP	0.0090	0.0200		0.345	mg/L	1	05/26/2023 19:01	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 19:01	206399
Calcium	NELAP	0.0350	0.100		187	mg/L	1	05/26/2023 19:01	206399
Chromium	NELAP	0.0028	0.0050		0.0280	mg/L	1	05/22/2023 19:17	206399
Lead	NELAP	0.0040	0.0075		0.0200	mg/L	1	05/26/2023 19:01	206399
Lithium	NELAP	0.0019	0.0050		0.0323	mg/L	1	05/26/2023 19:01	206399
Magnesium	NELAP	0.0055	0.0500		51.7	mg/L	1	05/26/2023 19:01	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/26/2023 19:01	206399
Potassium	NELAP	0.0400	0.100		5.43	mg/L	1	05/22/2023 19:17	206399
Sodium	NELAP	0.0180	0.0500		56.3	mg/L	1	05/26/2023 19:01	206399
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 17:30	206399
Cobalt	NELAP	0.0001	0.0010		0.0172	mg/L	5	05/22/2023 17:30	206399
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 17:30	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:30	206399



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-004
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-151
Collection Date: 05/18/2023 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 12:57	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-005
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-152
Collection Date: 05/18/2023 15:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.50	ft	1	05/18/2023 15:23	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		12	NTU	1	05/18/2023 15:23	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		126	mV	1	05/18/2023 15:23	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1090	µS/cm	1	05/18/2023 15:23	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.7	°C	1	05/18/2023 15:23	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/18/2023 15:23	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		6.93		1	05/18/2023 15:23	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		375	mg/L	1	05/22/2023 10:03	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 10:03	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		706	mg/L	1	05/23/2023 10:54	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		242	mg/L	10	05/21/2023 15:38	R329116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.31	mg/L	1	05/19/2023 13:38	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		8	mg/L	1	05/21/2023 15:33	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 19:05	206399
Barium	NELAP	0.0007	0.0025		0.0167	mg/L	1	05/26/2023 19:05	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 19:05	206399
Boron	NELAP	0.0090	0.0200		0.515	mg/L	1	05/26/2023 19:05	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 19:05	206399
Calcium	NELAP	0.0350	0.100		116	mg/L	1	05/26/2023 19:05	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 19:21	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 19:21	206399
Lithium	NELAP	0.0019	0.0050	J	0.0020	mg/L	1	05/26/2023 19:05	206399
Magnesium	NELAP	0.0055	0.0500		53.5	mg/L	1	05/26/2023 19:05	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/26/2023 19:05	206399
Potassium	NELAP	0.0400	0.100		0.717	mg/L	1	05/22/2023 19:21	206399
Sodium	NELAP	0.0180	0.0500		86.9	mg/L	1	05/26/2023 19:05	206399
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 17:35	206399
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	05/22/2023 17:35	206399
Selenium	NELAP	0.0006	0.0010	J	0.0006	mg/L	5	05/22/2023 17:35	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:35	206399



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-005
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-152
Collection Date: 05/18/2023 15:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 13:00	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-006
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-153
Collection Date: 05/22/2023 15:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		12.86	ft	1	05/22/2023 15:49	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		42	NTU	1	05/22/2023 15:49	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		117	mV	1	05/22/2023 15:49	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		436	µS/cm	1	05/22/2023 15:49	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.5	°C	1	05/22/2023 15:49	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.54	mg/L	1	05/22/2023 15:49	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.19		1	05/22/2023 15:49	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		195	mg/L	1	05/26/2023 9:13	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/26/2023 9:13	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		350	mg/L	2.5	05/23/2023 10:54	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		75	mg/L	5	05/31/2023 12:06	R329638
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.36	mg/L	1	05/26/2023 11:58	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		16	mg/L	1	05/25/2023 15:00	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:28	206524
Barium	NELAP	0.0007	0.0025		0.0867	mg/L	1	05/24/2023 17:28	206524
Beryllium	NELAP	0.0002	0.0005		0.0006	mg/L	1	05/24/2023 17:28	206524
Boron	NELAP	0.0130	0.0200		< 0.0200	mg/L	1	05/24/2023 17:28	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:28	206524
Calcium	NELAP	0.0350	0.100		50.6	mg/L	1	05/24/2023 17:28	206524
Chromium	NELAP	0.0028	0.0050		0.0119	mg/L	1	05/24/2023 17:28	206524
Lead	NELAP	0.0040	0.0075		0.0083	mg/L	1	05/25/2023 23:01	206524
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/27/2023 5:24	206524
Magnesium	NELAP	0.0055	0.0500		22.4	mg/L	1	05/24/2023 17:28	206524
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/24/2023 17:28	206524
Potassium	NELAP	0.0400	0.100		1.11	mg/L	1	05/24/2023 17:28	206524
Sodium	NELAP	0.0180	0.0500		55.4	mg/L	1	05/24/2023 17:28	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/25/2023 18:17	206524
Cobalt	NELAP	0.0001	0.0010		0.0023	mg/L	5	05/25/2023 18:17	206524
Selenium	NELAP	0.0006	0.0010		0.0026	mg/L	5	05/25/2023 18:17	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 18:17	206524



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-006
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-153
Collection Date: 05/22/2023 15:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00008	mg/L	1	05/24/2023 14:37	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-015
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-252
Collection Date: 05/18/2023 15:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.13	ft	1	05/18/2023 15:53	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		10	NTU	1	05/18/2023 15:53	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		62	mV	1	05/18/2023 15:53	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	05/18/2023 15:53	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.3	°C	1	05/18/2023 15:53	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.19	mg/L	1	05/18/2023 15:53	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		6.75		1	05/18/2023 15:53	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		479	mg/L	1	05/22/2023 10:16	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 10:16	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1200	mg/L	1	05/23/2023 12:00	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		454	mg/L	10	05/21/2023 16:09	R329116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.22	mg/L	1	05/19/2023 13:41	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		38	mg/L	1	05/21/2023 16:05	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 19:08	206399
Barium	NELAP	0.0007	0.0025		0.0377	mg/L	1	05/26/2023 19:08	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 19:08	206399
Boron	NELAP	0.0090	0.0200		0.174	mg/L	1	05/26/2023 19:08	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 19:08	206399
Calcium	NELAP	0.0350	0.100		224	mg/L	1	05/26/2023 19:08	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 19:25	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 19:25	206399
Lithium	NELAP	0.0019	0.0050		0.0102	mg/L	1	05/26/2023 19:08	206399
Magnesium	NELAP	0.0055	0.0500		87.6	mg/L	1	05/26/2023 19:08	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/26/2023 19:08	206399
Potassium	NELAP	0.0400	0.100		1.68	mg/L	1	05/22/2023 19:25	206399
Sodium	NELAP	0.0180	0.0500		104	mg/L	1	05/26/2023 19:08	206399
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0036	mg/L	5	05/22/2023 17:40	206399
Cobalt	NELAP	0.0001	0.0010		0.0022	mg/L	5	05/22/2023 17:40	206399
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 17:40	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:40	206399



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-015
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-252
Collection Date: 05/18/2023 15:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 13:02	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-018
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-304
Collection Date: 05/22/2023 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.53	ft	1	05/22/2023 10:41	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/22/2023 10:41	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		116	mV	1	05/22/2023 10:41	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	05/22/2023 10:41	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	05/22/2023 10:41	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/22/2023 10:41	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.51		1	05/22/2023 10:41	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		836	mg/L	1	05/26/2023 9:38	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/26/2023 9:38	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1420	mg/L	1	05/24/2023 13:20	R329344
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		208	mg/L	10	05/25/2023 16:11	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.72	mg/L	1	05/26/2023 12:12	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		162	mg/L	10	05/25/2023 16:12	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:29	206524
Barium	NELAP	0.0007	0.0025		0.0199	mg/L	1	05/24/2023 17:29	206524
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/24/2023 17:29	206524
Boron	NELAP	0.0130	0.0200		1.68	mg/L	1	05/24/2023 17:29	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:29	206524
Calcium	NELAP	0.0350	0.100		9.63	mg/L	1	05/24/2023 17:29	206524
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/24/2023 17:29	206524
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/24/2023 17:29	206524
Lithium	NELAP	0.0019	0.0050		0.0603	mg/L	1	05/27/2023 5:28	206524
Magnesium	NELAP	0.0055	0.0500		4.36	mg/L	1	05/24/2023 17:29	206524
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/24/2023 17:29	206524
Potassium	NELAP	0.0400	0.100		2.41	mg/L	1	05/24/2023 17:29	206524
Sodium	NELAP	0.0360	0.100		582	mg/L	2	05/25/2023 13:12	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	05/25/2023 18:22	206524
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/25/2023 18:22	206524
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/25/2023 18:22	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 18:22	206524



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-018
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-304
Collection Date: 05/22/2023 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00010	mg/L	1	05/24/2023 14:39	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-019
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-306
Collection Date: 05/23/2023 16:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.11	ft	1	05/23/2023 16:11	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/23/2023 16:11	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-30	mV	1	05/23/2023 16:11	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		490	µS/cm	1	05/23/2023 16:11	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	05/23/2023 16:11	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.30	mg/L	1	05/23/2023 16:11	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		11.1		1	05/23/2023 16:11	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	05/26/2023 9:57	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		58	mg/L	1	05/26/2023 9:57	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		300	mg/L	1	05/27/2023 8:43	R329514
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		46	mg/L	1	05/25/2023 16:13	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.54	mg/L	1	05/26/2023 12:14	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		53	mg/L	10	05/25/2023 16:20	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 20:36	206553
Barium	NELAP	0.0007	0.0025		0.0139	mg/L	1	05/25/2023 20:36	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 20:36	206553
Boron	NELAP	0.0090	0.0200		0.190	mg/L	1	05/26/2023 21:52	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 20:36	206553
Calcium	NELAP	0.0360	0.100		34.6	mg/L	1	05/25/2023 20:36	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 20:36	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 20:36	206553
Lithium	NELAP	0.0019	0.0050		0.0118	mg/L	1	05/25/2023 20:36	206553
Magnesium	NELAP	0.0055	0.0500		0.0517	mg/L	1	05/25/2023 20:36	206553
Molybdenum	NELAP	0.0037	0.0100		0.0233	mg/L	1	05/25/2023 20:36	206553
Potassium	NELAP	0.0400	0.100		1.32	mg/L	1	05/25/2023 20:36	206553
Sodium	NELAP	0.0180	0.0500		71.5	mg/L	1	05/25/2023 20:36	206553
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0014	mg/L	5	05/27/2023 9:47	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/27/2023 9:47	206553
Selenium	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	05/27/2023 9:47	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 9:47	206553



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-019
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-306
Collection Date: 05/23/2023 16:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:42	206550



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-021
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-350
Collection Date: 05/18/2023 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.74	ft	1	05/18/2023 10:37	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.3	NTU	1	05/18/2023 10:37	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-123	mV	1	05/18/2023 10:37	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1240	µS/cm	1	05/18/2023 10:37	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	05/18/2023 10:37	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.96	mg/L	1	05/18/2023 10:37	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		11.4		1	05/18/2023 10:37	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 10:31	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		55	mg/L	1	05/22/2023 10:31	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		420	mg/L	1	05/23/2023 12:00	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		97	mg/L	5	05/25/2023 3:36	R329312
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.17	mg/L	1	05/19/2023 13:49	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		50	mg/L	10	05/21/2023 16:26	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 19:51	206399
Barium	NELAP	0.0007	0.0025		0.327	mg/L	1	05/22/2023 19:51	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 19:51	206399
Boron	NELAP	0.0090	0.0200		0.560	mg/L	1	05/22/2023 19:51	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 19:51	206399
Calcium	NELAP	0.0350	0.100	S	84.0	mg/L	1	05/22/2023 19:51	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 19:51	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 19:51	206399
Lithium	NELAP	0.0019	0.0050		0.0664	mg/L	1	05/26/2023 19:12	206399
Magnesium	NELAP	0.0055	0.0500		0.646	mg/L	1	05/22/2023 19:51	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 19:51	206399
Potassium	NELAP	0.0400	0.100		5.01	mg/L	1	05/22/2023 19:51	206399
Sodium	NELAP	0.0180	0.0500	S	91.2	mg/L	1	05/22/2023 19:51	206399
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0011	mg/L	5	05/22/2023 17:51	206399
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/22/2023 17:51	206399
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 17:51	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:51	206399



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-021
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-350
Collection Date: 05/18/2023 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 13:04	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-022
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-352
Collection Date: 05/18/2023 16:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.27	ft	1	05/18/2023 16:10	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.0	NTU	1	05/18/2023 16:10	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-119	mV	1	05/18/2023 16:10	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2160	µS/cm	1	05/18/2023 16:10	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.8	°C	1	05/18/2023 16:10	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.80	mg/L	1	05/18/2023 16:10	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.41		1	05/18/2023 16:10	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		147	mg/L	1	05/22/2023 10:38	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 10:38	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1270	mg/L	1	05/23/2023 12:01	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	05/21/2023 16:28	R329116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.27	mg/L	1	05/19/2023 13:52	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		569	mg/L	20	05/25/2023 3:41	R329334
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 20:02	206399
Barium	NELAP	0.0007	0.0025		0.0891	mg/L	1	05/22/2023 20:02	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 20:02	206399
Boron	NELAP	0.0090	0.0200		2.04	mg/L	1	05/22/2023 20:02	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 20:02	206399
Calcium	NELAP	0.0350	0.100		88.3	mg/L	1	05/22/2023 20:02	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 20:02	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:02	206399
Lithium	NELAP	0.0019	0.0050		0.0934	mg/L	1	05/26/2023 19:23	206399
Magnesium	NELAP	0.0055	0.0500		41.7	mg/L	1	05/22/2023 20:02	206399
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 20:02	206399
Potassium	NELAP	0.0400	0.100		3.77	mg/L	1	05/22/2023 20:02	206399
Sodium	NELAP	0.0180	0.0500		263	mg/L	1	05/22/2023 20:02	206399
<i>Sample results for Fe and Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 17:46	206399
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/22/2023 17:46	206399
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 17:46	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 17:46	206399



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-022
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-352
Collection Date: 05/18/2023 16:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 13:06	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-026
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-366
Collection Date: 05/16/2023 16:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		13.19	ft	1	05/16/2023 16:48	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.8	NTU	1	05/16/2023 16:48	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		95	mV	1	05/16/2023 16:48	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1580	µS/cm	1	05/16/2023 16:48	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.5	°C	1	05/16/2023 16:48	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.84	mg/L	1	05/16/2023 16:48	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		6.86		1	05/16/2023 16:48	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		308	mg/L	1	05/18/2023 11:23	R329009
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/18/2023 11:23	R329009
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1160	mg/L	1	05/18/2023 9:17	R329081
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		502	mg/L	20	05/19/2023 0:55	R329045
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.33	mg/L	1	05/18/2023 12:11	R329012
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		48	mg/L	1	05/18/2023 13:34	R329023
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:47	206278
Barium	NELAP	0.0007	0.0025		0.0305	mg/L	1	05/22/2023 12:47	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 23:26	206278
Boron	NELAP	0.0090	0.0200		1.74	mg/L	1	05/22/2023 12:47	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 12:47	206278
Calcium	NELAP	0.0350	0.100		187	mg/L	1	05/22/2023 12:47	206278
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 12:47	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:47	206278
Lithium	NELAP	0.0019	0.0050	BJ	0.0040	mg/L	1	05/26/2023 13:57	206278
Magnesium	NELAP	0.0055	0.0500		78.2	mg/L	1	05/22/2023 12:47	206278
Molybdenum	NELAP	0.0037	0.010	J	0.0039	mg/L	1	05/22/2023 12:47	206278
Potassium	NELAP	0.0595	0.100		4.05	mg/L	1	05/22/2023 23:26	206278
Sodium	NELAP	0.0180	0.0500		61.6	mg/L	1	05/22/2023 12:47	206278
<i>Contamination present in the MBLK for Li. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	05/18/2023 19:39	206278
Cobalt	NELAP	0.0003	0.0010		0.0031	mg/L	5	05/18/2023 19:39	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 19:39	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 19:39	206278



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-026
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-366
Collection Date: 05/16/2023 16:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
<i>CCV recovered outside the upper control limits for Se. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:21	206322



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-029
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-375
Collection Date: 05/18/2023 12:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		32.21	ft	1	05/18/2023 12:32	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/18/2023 12:32	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		7	mV	1	05/18/2023 12:32	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1620	µS/cm	1	05/18/2023 12:32	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	05/18/2023 12:32	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.83	mg/L	1	05/18/2023 12:32	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.74		1	05/18/2023 12:32	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		585	mg/L	1	05/22/2023 10:52	R329134
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/22/2023 10:52	R329134
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		950	mg/L	1	05/23/2023 12:01	R329292
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		104	mg/L	5	05/28/2023 0:21	R329494
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		2.34	mg/L	1	05/19/2023 13:59	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		90	mg/L	10	05/21/2023 17:06	R329126
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 20:05	206399
Barium	NELAP	0.0007	0.0025		0.0290	mg/L	1	05/22/2023 20:05	206399
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 20:05	206399
Boron	NELAP	0.0090	0.0200		1.45	mg/L	1	05/22/2023 20:05	206399
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 20:05	206399
Calcium	NELAP	0.0350	0.100		13.7	mg/L	1	05/22/2023 20:05	206399
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 20:05	206399
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:05	206399
Lithium	NELAP	0.0019	0.0050		0.0637	mg/L	1	05/26/2023 19:27	206399
Magnesium	NELAP	0.0055	0.0500		6.92	mg/L	1	05/22/2023 20:05	206399
Molybdenum	NELAP	0.0037	0.0100		0.0308	mg/L	1	05/22/2023 20:05	206399
Potassium	NELAP	0.0400	0.100		2.95	mg/L	1	05/22/2023 20:05	206399
Sodium	NELAP	0.0180	0.0500		419	mg/L	1	05/22/2023 20:05	206399

Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0011	mg/L	5	05/22/2023 19:43	206399
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	05/22/2023 19:43	206399
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 19:43	206399
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/22/2023 19:43	206399

CCV recovered outside the upper control limits for Se. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-029
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-375
Collection Date: 05/18/2023 12:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/22/2023 13:13	206403



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-030
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-377
Collection Date: 05/22/2023 12:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.65	ft	1	05/22/2023 12:52	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.4	NTU	1	05/22/2023 12:52	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		108	mV	1	05/22/2023 12:52	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		808	µS/cm	1	05/22/2023 12:52	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	05/22/2023 12:52	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.85	mg/L	1	05/22/2023 12:52	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.01		1	05/22/2023 12:52	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		434	mg/L	1	05/26/2023 10:21	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	05/26/2023 10:21	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		608	mg/L	1	05/24/2023 13:20	R329344
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		40	mg/L	1	05/25/2023 16:45	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.14	mg/L	1	05/26/2023 12:17	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		93	mg/L	10	05/25/2023 17:05	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:30	206524
Barium	NELAP	0.0007	0.0025		0.0603	mg/L	1	05/24/2023 17:30	206524
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/24/2023 17:30	206524
Boron	NELAP	0.0130	0.0200		1.71	mg/L	1	05/24/2023 17:30	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:30	206524
Calcium	NELAP	0.0350	0.100		53.2	mg/L	1	05/24/2023 17:30	206524
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/24/2023 17:30	206524
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/24/2023 17:30	206524
Lithium	NELAP	0.0019	0.0050		0.0520	mg/L	1	05/27/2023 5:31	206524
Magnesium	NELAP	0.0055	0.0500		37.8	mg/L	1	05/24/2023 17:30	206524
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/24/2023 17:30	206524
Potassium	NELAP	0.0400	0.100		3.56	mg/L	1	05/24/2023 17:30	206524
Sodium	NELAP	0.0180	0.0500		133	mg/L	1	05/24/2023 17:30	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/25/2023 18:27	206524
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	05/25/2023 18:27	206524
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/25/2023 18:27	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 18:27	206524



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-030
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-377
Collection Date: 05/22/2023 12:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00008	mg/L	1	05/24/2023 14:41	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-032
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-383
Collection Date: 05/22/2023 14:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.16	ft	1	05/22/2023 14:28	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		9.5	NTU	1	05/22/2023 14:28	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		70	mV	1	05/22/2023 14:28	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1060	µS/cm	1	05/22/2023 14:28	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.4	°C	1	05/22/2023 14:28	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.74	mg/L	1	05/22/2023 14:28	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.49		1	05/22/2023 14:28	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		561	mg/L	1	05/26/2023 10:35	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	05/26/2023 10:35	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		872	mg/L	1	05/24/2023 13:20	R329344
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		177	mg/L	10	05/25/2023 17:13	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.69	mg/L	1	05/26/2023 12:19	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		43	mg/L	1	05/25/2023 17:08	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:35	206524
Barium	NELAP	0.0007	0.0025		0.0442	mg/L	1	05/24/2023 17:35	206524
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/24/2023 17:35	206524
Boron	NELAP	0.0130	0.0200		1.16	mg/L	1	05/24/2023 17:35	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:35	206524
Calcium	NELAP	0.0350	0.100		23.8	mg/L	1	05/24/2023 17:35	206524
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/24/2023 17:35	206524
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/24/2023 17:35	206524
Lithium	NELAP	0.0019	0.0050		0.0165	mg/L	1	05/27/2023 5:35	206524
Magnesium	NELAP	0.0055	0.0500		10.5	mg/L	1	05/24/2023 17:35	206524
Molybdenum	NELAP	0.0037	0.0100		0.0135	mg/L	1	05/24/2023 17:35	206524
Potassium	NELAP	0.0400	0.100		2.17	mg/L	1	05/24/2023 17:35	206524
Sodium	NELAP	0.0180	0.0500		290	mg/L	1	05/24/2023 17:35	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	05/25/2023 18:33	206524
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/25/2023 18:33	206524
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/25/2023 18:33	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 18:33	206524



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-032
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-383
Collection Date: 05/22/2023 14:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00007	mg/L	1	05/24/2023 14:43	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-033
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-384
Collection Date: 05/22/2023 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.69	ft	1	05/22/2023 13:43	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		10	NTU	1	05/22/2023 13:43	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		69	mV	1	05/22/2023 13:43	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1970	µS/cm	1	05/22/2023 13:43	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.0	°C	1	05/22/2023 13:43	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.94	mg/L	1	05/22/2023 13:43	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.66		1	05/22/2023 13:43	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		594	mg/L	1	05/26/2023 10:57	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		11	mg/L	1	05/26/2023 10:57	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1480	mg/L	1	05/24/2023 13:21	R329344
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		43	mg/L	1	05/25/2023 17:14	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		3.68	mg/L	1	05/26/2023 12:21	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		492	mg/L	10	05/25/2023 17:21	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:36	206524
Barium	NELAP	0.0007	0.0025		0.0513	mg/L	1	05/24/2023 17:36	206524
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/24/2023 17:36	206524
Boron	NELAP	0.0130	0.0200		1.48	mg/L	1	05/24/2023 17:36	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:36	206524
Calcium	NELAP	0.0350	0.100		17.4	mg/L	1	05/24/2023 17:36	206524
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/24/2023 17:36	206524
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/24/2023 17:36	206524
Lithium	NELAP	0.0019	0.0050		0.0271	mg/L	1	05/27/2023 5:39	206524
Magnesium	NELAP	0.0055	0.0500		7.00	mg/L	1	05/24/2023 17:36	206524
Molybdenum	NELAP	0.0037	0.0100		0.0227	mg/L	1	05/24/2023 17:36	206524
Potassium	NELAP	0.0400	0.100		2.65	mg/L	1	05/24/2023 17:36	206524
Sodium	NELAP	0.0360	0.100		575	mg/L	2	05/25/2023 13:13	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/25/2023 19:05	206524
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/25/2023 19:05	206524
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/25/2023 19:05	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 19:05	206524



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-033
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-384
Collection Date: 05/22/2023 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/24/2023 14:46	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-034
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-390
Collection Date: 05/17/2023 15:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.20	ft	1	05/17/2023 15:25	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.5	NTU	1	05/17/2023 15:25	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-32	mV	1	05/17/2023 15:25	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1070	µS/cm	1	05/17/2023 15:25	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	05/17/2023 15:25	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.76	mg/L	1	05/17/2023 15:25	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	05/17/2023 15:25	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		382	mg/L	1	05/19/2023 12:17	R329075
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	05/19/2023 12:17	R329075
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		642	mg/L	1	05/22/2023 10:29	R329213
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		118	mg/L	10	05/19/2023 12:23	R329097
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.40	mg/L	1	05/19/2023 13:07	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		47	mg/L	10	05/19/2023 12:24	R329098
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/19/2023 23:17	206326
Barium	NELAP	0.0007	0.0025		0.0886	mg/L	1	05/19/2023 23:17	206326
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/19/2023 23:17	206326
Boron	NELAP	0.0090	0.0200		0.234	mg/L	1	05/19/2023 23:17	206326
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/19/2023 23:17	206326
Calcium	NELAP	0.0350	0.100		96.0	mg/L	1	05/19/2023 23:17	206326
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/19/2023 23:17	206326
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:39	206326
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/26/2023 20:37	206326
Magnesium	NELAP	0.0055	0.0500		39.4	mg/L	1	05/19/2023 23:17	206326
Molybdenum	NELAP	0.0037	0.010	J	0.0047	mg/L	1	05/19/2023 23:17	206326
Potassium	NELAP	0.0400	0.100		3.78	mg/L	1	05/19/2023 23:17	206326
Sodium	NELAP	0.0180	0.0500		106	mg/L	1	05/19/2023 23:17	206326
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	05/22/2023 15:11	206326
Cobalt	NELAP	0.0001	0.0010		0.0030	mg/L	5	05/19/2023 18:55	206326
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 15:11	206326
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/19/2023 18:55	206326



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-034
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-390
Collection Date: 05/17/2023 15:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:39	206322



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-035
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-391
Collection Date: 05/17/2023 16:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		60.74	ft	1	05/17/2023 16:36	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		19	NTU	1	05/17/2023 16:36	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		53	mV	1	05/17/2023 16:36	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3130	µS/cm	1	05/17/2023 16:36	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	05/17/2023 16:36	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.07	mg/L	1	05/17/2023 16:36	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.78		1	05/17/2023 16:36	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		728	mg/L	1	05/19/2023 12:23	R329075
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		6	mg/L	1	05/19/2023 12:23	R329075
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1970	mg/L	1	05/22/2023 10:30	R329213
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		430	mg/L	20	05/21/2023 17:11	R329116
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		3.24	mg/L	1	05/19/2023 13:17	R329066
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		170	mg/L	10	05/19/2023 12:40	R329098
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/19/2023 23:21	206326
Barium	NELAP	0.0007	0.0025		0.0287	mg/L	1	05/19/2023 23:21	206326
Beryllium	NELAP	0.0002	0.0005	J	0.0002	mg/L	1	05/19/2023 23:21	206326
Boron	NELAP	0.0090	0.0200		2.49	mg/L	1	05/19/2023 23:21	206326
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/19/2023 23:21	206326
Calcium	NELAP	0.0350	0.100		18.7	mg/L	1	05/19/2023 23:21	206326
Chromium	NELAP	0.0028	0.0050		0.0053	mg/L	1	05/19/2023 23:21	206326
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:43	206326
Lithium	NELAP	0.0019	0.0050		0.0838	mg/L	1	05/31/2023 13:04	206326
Magnesium	NELAP	0.0055	0.0500		6.60	mg/L	1	05/19/2023 23:21	206326
Molybdenum	NELAP	0.0037	0.0100		0.0620	mg/L	1	05/19/2023 23:21	206326
Potassium	NELAP	0.0400	0.100		3.96	mg/L	1	05/19/2023 23:21	206326
Sodium	NELAP	0.0180	0.0500		767	mg/L	1	05/19/2023 23:21	206326
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0015	mg/L	5	05/22/2023 17:19	206326
Cobalt	NELAP	0.0001	0.0010		0.0014	mg/L	5	05/19/2023 20:03	206326
Selenium	NELAP	0.0006	0.0010		0.0031	mg/L	5	05/22/2023 17:19	206326
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/19/2023 20:03	206326



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-035
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-391
Collection Date: 05/17/2023 16:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:41	206322



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-053
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-304 Duplicate
Collection Date: 05/22/2023 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.43	ft	1	05/22/2023 10:41	R329281
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/22/2023 10:41	R329281
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		116	mV	1	05/22/2023 10:41	R329281
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	05/22/2023 10:41	R329281
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	05/22/2023 10:41	R329281
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/22/2023 10:41	R329281
SW-846 9040B FIELD									
pH	*	0	1.00		7.51		1	05/22/2023 10:41	R329281
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		776	mg/L	1	05/26/2023 12:22	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		41	mg/L	1	05/26/2023 12:22	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1410	mg/L	1	05/24/2023 13:21	R329344
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		204	mg/L	10	05/25/2023 18:21	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.72	mg/L	1	05/26/2023 12:42	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		160	mg/L	10	05/25/2023 18:22	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/24/2023 17:37	206524
Barium	NELAP	0.0007	0.0025		0.0197	mg/L	1	05/24/2023 17:37	206524
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/24/2023 17:37	206524
Boron	NELAP	0.0130	0.0200		1.64	mg/L	1	05/24/2023 17:37	206524
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/24/2023 17:37	206524
Calcium	NELAP	0.0350	0.100		9.43	mg/L	1	05/24/2023 17:37	206524
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/24/2023 17:37	206524
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/24/2023 17:37	206524
Lithium	NELAP	0.0019	0.0050		0.0614	mg/L	1	05/27/2023 5:43	206524
Magnesium	NELAP	0.0055	0.0500		4.33	mg/L	1	05/24/2023 17:37	206524
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/24/2023 17:37	206524
Potassium	NELAP	0.0400	0.100		2.37	mg/L	1	05/24/2023 17:37	206524
Sodium	NELAP	0.0360	0.100		574	mg/L	2	05/25/2023 13:14	206524
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0019	mg/L	5	05/25/2023 19:10	206524
Cobalt	NELAP	0.0001	0.0010		0.0016	mg/L	5	05/25/2023 19:10	206524
Selenium	NELAP	0.0006	0.0010		0.0015	mg/L	5	05/25/2023 19:10	206524
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/25/2023 19:10	206524



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-053
Matrix: GROUNDWATER

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: BAL_MW-304 Duplicate
Collection Date: 05/22/2023 10:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/24/2023 14:52	206529



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050523-054
Matrix: AQUEOUS

Work Order: 23050523
Report Date: 19-Jun-23
Client Sample ID: Field Blank
Collection Date: 05/23/2023 19:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	05/26/2023 12:40	R329438
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	05/26/2023 12:40	R329438
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	05/27/2023 9:24	R329514
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	7	mg/L	1	05/25/2023 18:23	R329383
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	05/26/2023 12:44	R329437
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		< 4	mg/L	1	05/25/2023 18:25	R329395
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 21:28	206553
Barium	NELAP	0.0007	0.0025	J	0.0007	mg/L	1	05/25/2023 21:28	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:28	206553
Boron	NELAP	0.0090	0.0200		0.591	mg/L	1	05/26/2023 22:44	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:28	206553
Calcium	NELAP	0.036	0.10	J	0.060	mg/L	1	05/25/2023 21:28	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:28	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:28	206553
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/25/2023 21:28	206553
Magnesium	NELAP	0.0055	0.050	J	0.0075	mg/L	1	05/25/2023 21:28	206553
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/25/2023 21:28	206553
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	05/25/2023 21:28	206553
Sodium	NELAP	0.018	0.050	J	0.036	mg/L	1	05/25/2023 21:28	206553
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 11:32	206553
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/27/2023 11:32	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 11:32	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 11:32	206553
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 11:02	206550



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23050523-003	BAL_MW-150	Groundwater	6	05/18/2023 11:19
23050523-004	BAL_MW-151	Groundwater	6	05/18/2023 13:48
23050523-005	BAL_MW-152	Groundwater	6	05/18/2023 15:23
23050523-006	BAL_MW-153	Groundwater	6	05/22/2023 15:49
23050523-015	BAL_MW-252	Groundwater	6	05/18/2023 15:53
23050523-016	BAL_MW-253	Groundwater	6	05/22/2023 15:20
23050523-018	BAL_MW-304	Groundwater	6	05/22/2023 10:41
23050523-019	BAL_MW-306	Groundwater	6	05/23/2023 16:11
23050523-021	BAL_MW-350	Groundwater	6	05/18/2023 10:37
23050523-022	BAL_MW-352	Groundwater	6	05/18/2023 16:10
23050523-026	BAL_MW-366	Groundwater	6	05/16/2023 16:48
23050523-029	BAL_MW-375	Groundwater	6	05/18/2023 12:32
23050523-030	BAL_MW-377	Groundwater	6	05/22/2023 12:52
23050523-032	BAL_MW-383	Groundwater	6	05/22/2023 14:28
23050523-033	BAL_MW-384	Groundwater	6	05/22/2023 13:43
23050523-034	BAL_MW-390	Groundwater	6	05/17/2023 15:25
23050523-035	BAL_MW-391	Groundwater	6	05/17/2023 16:36
23050523-053	BAL_MW-304 Duplicate	Groundwater	6	05/22/2023 10:41
23050523-054	Field Blank	Aqueous	6	05/23/2023 19:04



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23050523-003A	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 11:19
	Field Elevation Measurements				05/18/2023 11:19
	Standard Methods 2130 B Field				05/18/2023 11:19
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 11:19
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 9:49
	Standard Methods 2320 B 1997, 2011				05/22/2023 9:49
	Standard Methods 2510 B Field				05/18/2023 11:19
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:53
	Standard Methods 2550 B Field				05/18/2023 11:19
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 15:41
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 15:41
	Standard Methods 4500-O G Field				05/18/2023 11:19
	Standard Methods 4500-P E 1999				05/19/2023 12:39
	Standard Methods 4500-P E 1999, 2011				05/19/2023 12:39
	SW-846 9036 (Total)				05/24/2023 11:51
	SW-846 9040B Field				05/18/2023 11:19
	SW-846 9214 (Total)				05/19/2023 13:34
	SW-846 9251 (Total)				05/21/2023 15:06
23050523-003B	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 8:53
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 8:53
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:39
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:08
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:27
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:27
	SW-846 9036 (Dissolved)				05/24/2023 10:40
	SW-846 9251 (Dissolved)				05/28/2023 0:29
23050523-003C	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 19:13
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 18:33
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:24
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 12:55
23050523-003D	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:00



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
23050523-003E	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	SW-846 9060				05/22/2023 15:12
23050523-003F	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	SW-846 9060				05/22/2023 10:27
23050523-004A	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 13:48
	Field Elevation Measurements				05/18/2023 13:48
	Standard Methods 2130 B Field				05/18/2023 13:48
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 13:48
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 9:56
	Standard Methods 2320 B 1997, 2011				05/22/2023 9:56
	Standard Methods 2510 B Field				05/18/2023 13:48
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:54
	Standard Methods 2550 B Field				05/18/2023 13:48
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 15:43
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 15:43
	Standard Methods 4500-O G Field				05/18/2023 13:48
	Standard Methods 4500-P E 1999				05/19/2023 12:41
	Standard Methods 4500-P E 1999, 2011				05/19/2023 12:41
	SW-846 9036 (Total)				05/25/2023 2:55
	SW-846 9040B Field				05/18/2023 13:48
	SW-846 9214 (Total)				05/19/2023 13:36
	SW-846 9251 (Total)				05/21/2023 15:22
23050523-004B	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:00
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:00
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:40
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:28
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:28
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:28
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:28
	SW-846 9036 (Dissolved)				05/24/2023 10:51
	SW-846 9251 (Dissolved)				05/21/2023 18:05
23050523-004C	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 19:17
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 18:42



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:30
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 12:57
23050523-004D	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:02
23050523-004E	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	SW-846 9060				05/22/2023 15:18
23050523-004F	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	SW-846 9060				05/22/2023 10:46
23050523-005A	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 15:23
	Field Elevation Measurements				05/18/2023 15:23
	Standard Methods 2130 B Field				05/18/2023 15:23
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 15:23
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:03
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:03
	Standard Methods 2510 B Field				05/18/2023 15:23
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:54
	Standard Methods 2550 B Field				05/18/2023 15:23
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 18:37
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 18:37
	Standard Methods 4500-O G Field				05/18/2023 15:23
	Standard Methods 4500-P E 1999				05/19/2023 13:11
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:11
	SW-846 9036 (Total)				05/21/2023 15:38
	SW-846 9040B Field				05/18/2023 15:23
	SW-846 9214 (Total)				05/19/2023 13:38
	SW-846 9251 (Total)				05/21/2023 15:33
23050523-005B	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:07
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:07
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:41
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 18:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 18:35
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:30
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:30



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name				Prep Date/Time	Analysis Date/Time
	SW-846 9036 (Dissolved)				05/24/2023 10:53
	SW-846 9251 (Dissolved)				05/21/2023 18:13
23050523-005C	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 19:21
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:05
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:35
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 13:00
23050523-005D	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:13
23050523-005E	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	SW-846 9060				05/22/2023 15:25
23050523-005F	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	SW-846 9060				05/22/2023 10:52
23050523-006A	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 15:49
	Field Elevation Measurements				05/22/2023 15:49
	Standard Methods 2130 B Field				05/22/2023 15:49
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 15:49
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 9:13
	Standard Methods 2320 B 1997, 2011				05/26/2023 9:13
	Standard Methods 2510 B Field				05/22/2023 15:49
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:54
	Standard Methods 2550 B Field				05/22/2023 15:49
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:11
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 15:26
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 15:26
	Standard Methods 4500-O G Field				05/22/2023 15:49
	Standard Methods 4500-P E 1999				05/23/2023 11:32
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:32
	SW-846 9036 (Total)				05/31/2023 12:06
	SW-846 9040B Field				05/22/2023 15:49
	SW-846 9214 (Total)				05/26/2023 11:58
	SW-846 9251 (Total)				05/25/2023 15:00
23050523-006B	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 9:19
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 9:19
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:08



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 14:13
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 14:13
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:05
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:05
	SW-846 9036 (Dissolved)				05/27/2023 22:47
	SW-846 9251 (Dissolved)				05/25/2023 12:07
23050523-006C	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:28
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:11
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 23:01
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:24
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 18:17
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:37
23050523-006D	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:20
23050523-006E	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	SW-846 9060				06/01/2023 19:57
23050523-006F	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	SW-846 9060				05/30/2023 21:00
23050523-015A	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 15:53
	Field Elevation Measurements				05/18/2023 15:53
	Standard Methods 2130 B Field				05/18/2023 15:53
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 15:53
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:16
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:16
	Standard Methods 2510 B Field				05/18/2023 15:53
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:00
	Standard Methods 2550 B Field				05/18/2023 15:53
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:45
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:07
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:07
	Standard Methods 4500-O G Field				05/18/2023 15:53
	Standard Methods 4500-P E 1999				05/19/2023 13:12
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:12
	SW-846 9036 (Total)				05/21/2023 16:09
	SW-846 9040B Field				05/18/2023 15:53



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 9214 (Total)				05/19/2023 13:41
	SW-846 9251 (Total)				05/21/2023 16:05
23050523-015B	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:14
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:14
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:41
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:32
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:32
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:32
	SW-846 9036 (Dissolved)				05/24/2023 10:56
	SW-846 9251 (Dissolved)				05/21/2023 18:21
23050523-015C	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 19:25
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:08
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:40
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 13:02
23050523-015D	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:14
23050523-015E	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	SW-846 9060				05/22/2023 15:44
23050523-015F	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	SW-846 9060				05/22/2023 11:11
23050523-018A	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 10:41
	Field Elevation Measurements				05/22/2023 10:41
	Standard Methods 2130 B Field				05/22/2023 10:41
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 10:41
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 9:38
	Standard Methods 2320 B 1997, 2011				05/26/2023 9:38
	Standard Methods 2510 B Field				05/22/2023 10:41
	Standard Methods 2540 C (Total) 1997, 2011				05/24/2023 13:20
	Standard Methods 2550 B Field				05/22/2023 10:41
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:12
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:01
	Standard Methods 4500-O G Field				05/22/2023 10:41



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 4500-P E 1999				05/23/2023 11:32
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:32
	SW-846 9036 (Total)				05/25/2023 16:11
	SW-846 9040B Field				05/22/2023 10:41
	SW-846 9214 (Total)				05/26/2023 12:12
	SW-846 9251 (Total)				05/25/2023 16:12
23050523-018B	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 9:47
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 9:47
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:32
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:06
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:06
	SW-846 9036 (Dissolved)				05/25/2023 12:44
	SW-846 9251 (Dissolved)				05/25/2023 12:44
23050523-018C	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:29
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 12:57
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:12
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 18:22
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:39
23050523-018D	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:23
23050523-018E	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 9060				06/01/2023 20:16
23050523-018F	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 9060				05/30/2023 21:51
23050523-019A	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	Ferrous Iron by CHEMets Kit				05/23/2023 16:11
	Field Elevation Measurements				05/23/2023 16:11
	Standard Methods 2130 B Field				05/23/2023 16:11
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 16:11
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 9:57
	Standard Methods 2320 B 1997, 2011				05/26/2023 9:57
	Standard Methods 2510 B Field				05/23/2023 16:11



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:43
	Standard Methods 2550 B Field				05/23/2023 16:11
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 12:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:21
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:21
	Standard Methods 4500-O G Field				05/23/2023 16:11
	Standard Methods 4500-P E 1999				05/24/2023 11:23
	Standard Methods 4500-P E 1999, 2011				05/24/2023 11:23
	SW-846 9036 (Total)				05/25/2023 16:13
	SW-846 9040B Field				05/23/2023 16:11
	SW-846 9214 (Total)				05/26/2023 12:14
	SW-846 9251 (Total)				05/25/2023 16:20
23050523-019B	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:04
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:04
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:00
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 14:50
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 16:12
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/24/2023 11:54
	Standard Methods 4500-P E (Dissolved) 1999				05/24/2023 11:54
	SW-846 9036 (Dissolved)				05/25/2023 12:46
	SW-846 9251 (Dissolved)				05/25/2023 12:52
23050523-019C	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 20:36
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 21:52
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 9:47
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:42
23050523-019D	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:24
23050523-019E	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	SW-846 9060				06/01/2023 20:22
23050523-019F	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	SW-846 9060				05/30/2023 21:57
23050523-021A	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 10:37
	Field Elevation Measurements				05/18/2023 10:37
	Standard Methods 2130 B Field				05/18/2023 10:37



Dates Report

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 10:37
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:31
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:31
	Standard Methods 2510 B Field				05/18/2023 10:37
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:00
	Standard Methods 2550 B Field				05/18/2023 10:37
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:45
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:09
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:09
	Standard Methods 4500-O G Field				05/18/2023 10:37
	Standard Methods 4500-P E 1999				05/19/2023 13:14
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:14
	SW-846 9036 (Total)				05/25/2023 3:36
	SW-846 9040B Field				05/18/2023 10:37
	SW-846 9214 (Total)				05/19/2023 13:49
	SW-846 9251 (Total)				05/21/2023 16:26
23050523-021B	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:21
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:21
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:42
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:34
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:33
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:33
	SW-846 9036 (Dissolved)				05/24/2023 10:58
	SW-846 9251 (Dissolved)				05/21/2023 18:50
23050523-021C	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 19:51
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:51
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 13:04
23050523-021D	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:15
23050523-021E	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	SW-846 9060				05/22/2023 15:50
23050523-021F	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	SW-846 9060				05/22/2023 11:19



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23050523-022A	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 16:10
	Field Elevation Measurements				05/18/2023 16:10
	Standard Methods 2130 B Field				05/18/2023 16:10
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 16:10
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:38
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:38
	Standard Methods 2510 B Field				05/18/2023 16:10
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:01
	Standard Methods 2550 B Field				05/18/2023 16:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:45
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:12
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:12
	Standard Methods 4500-O G Field				05/18/2023 16:10
	Standard Methods 4500-P E 1999				05/19/2023 13:14
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:14
	SW-846 9036 (Total)				05/21/2023 16:28
	SW-846 9040B Field				05/18/2023 16:10
	SW-846 9214 (Total)				05/19/2023 13:52
	SW-846 9251 (Total)				05/25/2023 3:41
23050523-022B	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:28
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:28
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:42
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:36
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:36
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:33
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:33
	SW-846 9036 (Dissolved)				05/24/2023 11:00
	SW-846 9251 (Dissolved)				05/24/2023 11:07
23050523-022C	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 20:02
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 17:46
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 13:06
23050523-022D	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:16



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23050523-022E	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	SW-846 9060				05/22/2023 16:10
23050523-022F	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	SW-846 9060				05/22/2023 11:25
23050523-026A	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	Ferrous Iron by CHEMets Kit				05/16/2023 16:48
	Field Elevation Measurements				05/16/2023 16:48
	Standard Methods 2130 B Field				05/16/2023 16:48
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 16:48
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 11:23
	Standard Methods 2320 B 1997, 2011				05/18/2023 11:23
	Standard Methods 2510 B Field				05/16/2023 16:48
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:17
	Standard Methods 2550 B Field				05/16/2023 16:48
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:24
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:44
	Standard Methods 4500-O G Field				05/16/2023 16:48
	Standard Methods 4500-P E 1999				05/17/2023 14:08
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:08
	SW-846 9036 (Total)				05/19/2023 0:55
	SW-846 9040B Field				05/16/2023 16:48
	SW-846 9214 (Total)				05/18/2023 12:11
	SW-846 9251 (Total)				05/18/2023 13:34
23050523-026B	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:01
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:01
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:18
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:02
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:02
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 14:40
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 14:40
	SW-846 9036 (Dissolved)				05/19/2023 0:32
	SW-846 9251 (Dissolved)				05/18/2023 11:19
23050523-026C	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 12:47
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 23:26



Dates Report

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/26/2023 13:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 19:39
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 8:21
23050523-026D	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 9:39
23050523-026E	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	SW-846 9060				05/22/2023 17:00
23050523-026F	BAL_MW-366	05/16/2023 16:48	05/16/2023 18:45		
	SW-846 9060				05/22/2023 12:14
23050523-029A	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	Ferrous Iron by CHEMets Kit				05/18/2023 12:32
	Field Elevation Measurements				05/18/2023 12:32
	Standard Methods 2130 B Field				05/18/2023 12:32
	Standard Methods 18th Ed. 2580 B Field				05/18/2023 12:32
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:52
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:52
	Standard Methods 2510 B Field				05/18/2023 12:32
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:01
	Standard Methods 2550 B Field				05/18/2023 12:32
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:14
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 16:14
	Standard Methods 4500-O G Field				05/18/2023 12:32
	Standard Methods 4500-P E 1999				05/19/2023 13:15
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:15
	SW-846 9036 (Total)				05/28/2023 0:21
	SW-846 9040B Field				05/18/2023 12:32
	SW-846 9214 (Total)				05/19/2023 13:59
	SW-846 9251 (Total)				05/21/2023 17:06
23050523-029B	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:42
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:42
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:43
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:39
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 15:39
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:34
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:34



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name				Prep Date/Time	Analysis Date/Time
	SW-846 9036 (Dissolved)				05/27/2023 23:19
	SW-846 9251 (Dissolved)				05/21/2023 19:14
23050523-029C	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/22/2023 20:05
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/19/2023 15:07	05/26/2023 19:27
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/19/2023 15:07	05/22/2023 19:43
	SW-846 7470A (Total)			05/22/2023 8:17	05/22/2023 13:13
23050523-029D	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/21/2023 12:31	05/22/2023 10:16
23050523-029E	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	SW-846 9060				05/22/2023 17:18
23050523-029F	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	SW-846 9060				05/22/2023 12:46
23050523-030A	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 12:52
	Field Elevation Measurements				05/22/2023 12:52
	Standard Methods 2130 B Field				05/22/2023 12:52
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 12:52
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 10:21
	Standard Methods 2320 B 1997, 2011				05/26/2023 10:21
	Standard Methods 2510 B Field				05/22/2023 12:52
	Standard Methods 2540 C (Total) 1997, 2011				05/24/2023 13:20
	Standard Methods 2550 B Field				05/22/2023 12:52
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:13
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:10
	Standard Methods 4500-O G Field				05/22/2023 12:52
	Standard Methods 4500-P E 1999				05/23/2023 11:33
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:33
	SW-846 9036 (Total)				05/25/2023 16:45
	SW-846 9040B Field				05/22/2023 12:52
	SW-846 9214 (Total)				05/26/2023 12:17
	SW-846 9251 (Total)				05/25/2023 17:05
23050523-030B	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:28
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:28
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:09



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:34
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:06
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:06
	SW-846 9036 (Dissolved)				05/25/2023 13:01
	SW-846 9251 (Dissolved)				05/25/2023 13:08
23050523-030C	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:30
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 12:58
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 18:27
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:41
23050523-030D	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:28
23050523-030E	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	SW-846 9060				06/01/2023 20:28
23050523-030F	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	SW-846 9060				05/30/2023 22:03
23050523-032A	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 14:28
	Field Elevation Measurements				05/22/2023 14:28
	Standard Methods 2130 B Field				05/22/2023 14:28
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 14:28
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 10:35
	Standard Methods 2320 B 1997, 2011				05/26/2023 10:35
	Standard Methods 2510 B Field				05/22/2023 14:28
	Standard Methods 2540 C (Total) 1997, 2011				05/24/2023 13:20
	Standard Methods 2550 B Field				05/22/2023 14:28
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:13
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:12
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:12
	Standard Methods 4500-O G Field				05/22/2023 14:28
	Standard Methods 4500-P E 1999				05/23/2023 11:34
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:34
	SW-846 9036 (Total)				05/25/2023 17:13
	SW-846 9040B Field				05/22/2023 14:28
	SW-846 9214 (Total)				05/26/2023 12:19



Dates Report

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9251 (Total)				05/25/2023 17:08
23050523-032B	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:50
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 10:50
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:37
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:37
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:07
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:07
	SW-846 9036 (Dissolved)				05/25/2023 13:37
	SW-846 9251 (Dissolved)				05/25/2023 13:27
23050523-032C	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:35
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:14
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:35
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 18:33
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:43
23050523-032D	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:43
23050523-032E	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	SW-846 9060				06/01/2023 20:34
23050523-032F	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	SW-846 9060				05/30/2023 22:10
23050523-033A	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 13:43
	Field Elevation Measurements				05/22/2023 13:43
	Standard Methods 2130 B Field				05/22/2023 13:43
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 13:43
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 10:57
	Standard Methods 2320 B 1997, 2011				05/26/2023 10:57
	Standard Methods 2510 B Field				05/22/2023 13:43
	Standard Methods 2540 C (Total) 1997, 2011				05/24/2023 13:21
	Standard Methods 2550 B Field				05/22/2023 13:43
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:14
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:14
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:14
	Standard Methods 4500-O G Field				05/22/2023 13:43



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	Standard Methods 4500-P E 1999				05/23/2023 11:35
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:35
	SW-846 9036 (Total)				05/25/2023 17:14
	SW-846 9040B Field				05/22/2023 13:43
	SW-846 9214 (Total)				05/26/2023 12:21
	SW-846 9251 (Total)				05/25/2023 17:21
23050523-033B	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:04
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:04
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:52
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:52
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:07
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:07
	SW-846 9036 (Dissolved)				05/25/2023 13:53
	SW-846 9251 (Dissolved)				05/25/2023 13:53
23050523-033C	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:36
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:13
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:15
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:39
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 19:05
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:46
23050523-033D	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:45
23050523-033E	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	SW-846 9060				06/01/2023 20:41
23050523-033F	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	SW-846 9060				05/30/2023 22:16
23050523-034A	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 15:25
	Field Elevation Measurements				05/17/2023 15:25
	Standard Methods 2130 B Field				05/17/2023 15:25
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 15:25
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:17
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:17
	Standard Methods 2510 B Field				05/17/2023 15:25



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 10:29
	Standard Methods 2550 B Field				05/17/2023 15:25
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:01
	Standard Methods 4500-O G Field				05/17/2023 15:25
	Standard Methods 4500-P E 1999				05/19/2023 13:16
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:16
	SW-846 9036 (Total)				05/19/2023 12:23
	SW-846 9040B Field				05/17/2023 15:25
	SW-846 9214 (Total)				05/19/2023 13:07
	SW-846 9251 (Total)				05/19/2023 12:24
23050523-034B	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:29
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:29
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:06
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 17:37
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 17:37
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:34
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:34
	SW-846 9036 (Dissolved)				05/19/2023 10:32
	SW-846 9251 (Dissolved)				05/19/2023 10:33
23050523-034C	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:17
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 18:50
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 20:39
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 20:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/19/2023 18:55
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 15:11
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:39
23050523-034D	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 16:54
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 11:47
23050523-034E	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	SW-846 9060				05/22/2023 17:31
23050523-034F	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	SW-846 9060				05/22/2023 12:59



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<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23050523-035A	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 16:36
	Field Elevation Measurements				05/17/2023 16:36
	Standard Methods 2130 B Field				05/17/2023 16:36
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 16:36
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:23
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:23
	Standard Methods 2510 B Field				05/17/2023 16:36
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 10:30
	Standard Methods 2550 B Field				05/17/2023 16:36
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 17:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 17:48
	Standard Methods 4500-O G Field				05/17/2023 16:36
	Standard Methods 4500-P E 1999				05/19/2023 13:17
	Standard Methods 4500-P E 1999, 2011				05/19/2023 13:17
	SW-846 9036 (Total)				05/21/2023 17:11
	SW-846 9040B Field				05/17/2023 16:36
	SW-846 9214 (Total)				05/19/2023 13:17
	SW-846 9251 (Total)				05/19/2023 12:40
23050523-035B	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:36
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:36
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:07
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 17:46
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 17:46
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:35
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:35
	SW-846 9036 (Dissolved)				05/24/2023 11:41
	SW-846 9251 (Dissolved)				05/19/2023 10:49
23050523-035C	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:21
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 18:51
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 20:43
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/31/2023 13:04
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/19/2023 20:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 17:19
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:41



Dates Report

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
23050523-035D	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 16:58
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 11:48
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 11:48
23050523-035E	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	SW-846 9060				05/22/2023 17:38
23050523-035F	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	SW-846 9060				05/22/2023 13:37
23050523-053A	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	Ferrous Iron by CHEMets Kit				05/22/2023 10:41
	Field Elevation Measurements				05/22/2023 10:41
	Standard Methods 2130 B Field				05/22/2023 10:41
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 10:41
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 12:22
	Standard Methods 2320 B 1997, 2011				05/26/2023 12:22
	Standard Methods 2510 B Field				05/22/2023 10:41
	Standard Methods 2540 C (Total) 1997, 2011				05/24/2023 13:21
	Standard Methods 2550 B Field				05/22/2023 10:41
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:14
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:29
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:29
	Standard Methods 4500-O G Field				05/22/2023 10:41
	Standard Methods 4500-P E 1999				05/23/2023 11:35
	Standard Methods 4500-P E 1999, 2011				05/23/2023 11:35
	SW-846 9036 (Total)				05/25/2023 18:21
	SW-846 9040B Field				05/22/2023 10:41
	SW-846 9214 (Total)				05/26/2023 12:42
	SW-846 9251 (Total)				05/25/2023 18:22
23050523-053B	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:31
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:31
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 11:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:54
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/23/2023 12:54
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/23/2023 12:08
	Standard Methods 4500-P E (Dissolved) 1999				05/23/2023 12:08
	SW-846 9036 (Dissolved)				05/25/2023 14:48



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9251 (Dissolved)				05/25/2023 14:49
23050523-053C	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:37
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:14
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/25/2023 13:16
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/27/2023 5:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 8:45	05/25/2023 19:10
	SW-846 7470A (Total)			05/24/2023 8:18	05/24/2023 14:52
23050523-053D	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:52
23050523-053E	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 9060				06/01/2023 21:57
23050523-053F	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
	SW-846 9060				05/30/2023 22:48
23050523-054A	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 12:40
	Standard Methods 2320 B 1997, 2011				05/26/2023 12:40
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 9:24
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 12:41
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/25/2023 10:45
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/25/2023 10:45
	Standard Methods 4500-P E 1999				05/24/2023 11:29
	Standard Methods 4500-P E 1999, 2011				05/24/2023 11:29
	SW-846 9036 (Total)				05/25/2023 18:23
	SW-846 9214 (Total)				05/26/2023 12:44
	SW-846 9251 (Total)				05/25/2023 18:25
23050523-054B	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:43
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:43
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:02
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:19
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:19
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/24/2023 12:02
	Standard Methods 4500-P E (Dissolved) 1999				05/24/2023 12:02
	SW-846 9036 (Dissolved)				05/25/2023 14:53
	SW-846 9251 (Dissolved)				05/25/2023 14:54
23050523-054C	Field Blank	05/23/2023 19:04	05/23/2023 20:30		



Dates Report

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:28
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:44
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 11:32
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 11:02
23050523-054D	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:54
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/30/2023 10:03
23050523-054E	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
	SW-846 9060				06/01/2023 22:03
23050523-054F	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
	SW-846 9060				05/30/2023 23:39



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

STANDARD METHODS 2510 B FIELD

Batch R329281 SampType: LCS Units $\mu\text{S/cm}$

SampID: LCS-R329281

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		1410	1409	0	100.2	90	110	05/16/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.3	90	110	05/17/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.2	90	110	05/18/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.3	90	110	05/19/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.4	90	110	05/22/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.3	90	110	05/23/2023
Spec. Conductance, Field	*	0		1410	1409	0	100.3	90	110	05/15/2023

SW-846 9040B FIELD

Batch R329281 SampType: LCS Units

SampID: LCS-R329281

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		7.08	7.000	0	101.1	98.57	101.4	05/18/2023
pH	*	1.00		7.10	7.000	0	101.4	98.57	101.4	05/23/2023
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	05/19/2023
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	05/17/2023
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	05/16/2023
pH	*	1.00		7.10	7.000	0	101.4	98.57	101.4	05/15/2023
pH	*	1.00		7.10	7.000	0	101.4	98.57	101.4	05/22/2023

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R329081 SampType: MBLK Units mg/L

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/18/2023
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/18/2023

Batch R329081 SampType: LCS Units mg/L

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		980	1000	0	98.0	90	110	05/18/2023
Total Dissolved Solids		20		1000	1000	0	100.4	90	110	05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R329081		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23050523-010ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		50		455				450.0	1.10	05/18/2023	

Batch R329213		SampType: MBLK		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/22/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/22/2023	

Batch R329213		SampType: LCS		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		1040	1000	0	104.2	90	110	05/22/2023	
Total Dissolved Solids		20		994	1000	0	99.4	90	110	05/22/2023	

Batch R329213		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23050523-034ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		636				642.0	0.94	05/22/2023	

Batch R329292		SampType: MBLK		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/23/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/23/2023	

Batch R329292		SampType: LCS		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		980	1000	0	98.0	90	110	05/23/2023	
Total Dissolved Solids		20		992	1000	0	99.2	90	110	05/23/2023	

Batch R329292		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23050523-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		50		755				710.0	6.14	05/23/2023	



Quality Control Results

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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R329344		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/24/2023	

Batch R329344		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		980	1000	0	98.0	90	110	05/24/2023	

Batch R329344		SampType: DUP		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-033ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Total Dissolved Solids		20		1470				1476	0.54	05/24/2023		

Batch R329514		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/27/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/26/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	05/26/2023	

Batch R329514		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		1020	1000	0	101.8	90	110	05/26/2023	
Total Dissolved Solids		20		1010	1000	0	101.4	90	110	05/26/2023	
Total Dissolved Solids		20		1010	1000	0	101.2	90	110	05/27/2023	

Batch R329514		SampType: DUP		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-050ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Total Dissolved Solids		20		490				488.0	0.41	05/27/2023		

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2000, 2011

Batch R328827		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-011BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	103.8	85	115	05/16/2023	



Quality Control Results

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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
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STANDARD METHODS 4500-NO2 B (DISSOLVED) 2000, 2011

Batch R328827		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-011BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.0	0.5190	0.19	05/16/2023	

Batch R328956		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-024BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	108.6	85	115	05/17/2023	

Batch R328956		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-024BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	108.6	0.5430	0.00	05/17/2023	

Batch R328956		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-026BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	105.2	85	115	05/17/2023	

Batch R328956		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-026BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	105.4	0.5260	0.19	05/17/2023	

Batch R328956		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-034BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	108.8	85	115	05/18/2023	

Batch R328956		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-034BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.55	0.5000	0	109.6	0.5440	0.73	05/18/2023	

Batch R328956		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.58	0.5000	0.04900	105.8	85	115	05/18/2023	



Quality Control Results

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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2000, 2011

Batch	R328956	SampType:	MSD	Units mg/L			RPD Limit: 10				
SampID: 23050523-035BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.58	0.5000	0.04900	105.8	0.5780	0.00	05/18/2023	

Batch	R329025	SampType:	MS	Units mg/L			RPD Limit: 10				
SampID: 23050523-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	105.2	85	115	05/19/2023	

Batch	R329025	SampType:	MSD	Units mg/L			RPD Limit: 10				
SampID: 23050523-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.6	0.5260	0.57	05/19/2023	

Batch	R329025	SampType:	MS	Units mg/L			RPD Limit: 10				
SampID: 23050523-004BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.0	85	115	05/19/2023	

Batch	R329025	SampType:	MSD	Units mg/L			RPD Limit: 10				
SampID: 23050523-004BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.6	0.5300	0.56	05/19/2023	

Batch	R329269	SampType:	MBLK	Units mg/L			RPD Limit: 10				
SampID: MB-R329269											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/24/2023	

Batch	R329269	SampType:	LCS	Units mg/L			RPD Limit: 10				
SampID: LCS-R329269											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.67	0.6510	0	102.9	90	110	05/24/2023	

Batch	R329269	SampType:	MS	Units mg/L			RPD Limit: 10				
SampID: 23050523-006BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	103.4	85	115	05/24/2023	



Quality Control Results

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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2000, 2011

Batch R329269		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-006BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	0.5170	0.77	05/24/2023	

Batch R329269		SampType: MS		Units mg/L							
SampID: 23050523-019BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	85	115	05/24/2023	

Batch R329269		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-019BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	0.5210	0.00	05/24/2023	

STANDARD METHODS 4500-NO2 B (TOTAL) 2000, 2011

Batch R328827		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/15/2023	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/15/2023	

Batch R328827		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.64	0.6510	0	99.1	90	110	05/15/2023	
Nitrogen, Nitrite (as N)		0.25		0.64	0.6510	0	99.1	90	110	05/15/2023	

Batch R328956		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/17/2023	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/18/2023	

Batch R328956		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.68	0.6510	0	104.5	90	110	05/18/2023	
Nitrogen, Nitrite (as N)		0.25		0.70	0.6510	0	106.8	90	110	05/17/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

STANDARD METHODS 4500-NO2 B (TOTAL) 2000, 2011

Batch R329025		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/19/2023	

Batch R329025		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.70	0.6510	0	107.5	90	110	05/19/2023	

Batch R329156		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/23/2023	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/22/2023	

Batch R329156		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.64	0.6510	0	99.1	90	110	05/23/2023	
Nitrogen, Nitrite (as N)		0.25		0.65	0.6510	0	99.8	90	110	05/22/2023	

Batch R329156		SampType: MS		Units mg/L							
SampID: 23050523-036AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	H	0.48	0.5000	0	96.8	85	115	05/22/2023	

Batch R329156		SampType: MSD		Units mg/L							
SampID: 23050523-036AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	H	0.49	0.5000	0	97.4	0.4840	0.62	05/22/2023	

Batch R329269		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	05/24/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

STANDARD METHODS 4500-NO2 B (TOTAL) 2000, 2011

Batch R329269		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		0.67	0.6510	0	102.9	90	110	05/24/2023	

Batch R329269		SampType: MS		Units mg/L							
SampID: 23050523-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0.01000	103.2	85	115	05/24/2023	

Batch R329269		SampType: MSD		Units mg/L							
SampID: 23050523-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0.01000	104.4	0.5260	1.13	05/24/2023	

Batch R329269		SampType: MS		Units mg/L							
SampID: 23050523-018AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	H	0.52	0.5000	0.01800	100.0	85	115	05/24/2023	

Batch R329269		SampType: MSD		Units mg/L							
SampID: 23050523-018AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	H	0.52	0.5000	0.01800	101.4	0.5180	1.34	05/24/2023	

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2000, 2011

Batch R328974		SampType: MS		Units mg/L							
SampID: 23050523-011BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	0.255	0.2500	0.01100	97.6	85	115	05/17/2023	

Batch R328974		SampType: MSD		Units mg/L							
SampID: 23050523-011BMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	0.256	0.2500	0.01100	98.0	0.2550	0.39	05/17/2023	



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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
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STANDARD METHODS 4500-NO3 F (DISSOLVED) 2000, 2011

Batch R328974		SampType: MS		Units mg/L						
SampID: 23050523-027BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.251	0.2500	0.01100	96.0	85	115	05/17/2023

Batch R328974		SampType: MSD		Units mg/L						
SampID: 23050523-027BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.252	0.2500	0.01100	96.4	0.2510	0.40	05/17/2023

Batch R329033		SampType: MS		Units mg/L						
SampID: 23050523-034BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.267	0.2500	0.01600	100.4	85	115	05/18/2023

Batch R329033		SampType: MSD		Units mg/L						
SampID: 23050523-034BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.252	0.2500	0.01600	94.4	0.2670	5.78	05/18/2023

Batch R329106		SampType: MS		Units mg/L						
SampID: 23050523-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.298	0.2500	0.04700	100.4	85	115	05/19/2023

Batch R329106		SampType: MSD		Units mg/L						
SampID: 23050523-003BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.297	0.2500	0.04700	100.0	0.2980	0.34	05/19/2023

Batch R329246		SampType: MS		Units mg/L						
SampID: 23050523-006BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		9.47	2.500	7.090	95.1	85	115	05/23/2023

Batch R329246		SampType: MSD		Units mg/L						
SampID: 23050523-006BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		9.57	2.500	7.090	99.1	9.467	1.05	05/23/2023



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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2000, 2011

Batch R329416		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-047BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		0.468	0.5000	0	93.6	85	115	05/25/2023	

Batch R329416		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-047BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.100		0.439	0.5000	0	87.8	0.4680	6.39	05/25/2023		

STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011

Batch R328974		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/17/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/17/2023	

Batch R328974		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.547	0.5000	0	109.4	90	110	05/17/2023	

Batch R328974		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.251	0.2500	0	100.4	85	115	05/17/2023	

Batch R328974		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-010AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.249	0.2500	0	99.6	0.2510	0.80	05/17/2023		

Batch R328974		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-031AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.851	0.2500	0.5840	106.8	85	115	05/17/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

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Batch R328974		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23050523-031AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.852	0.2500	0.5840	107.2	0.8510	0.12	05/17/2023	

Batch R329033		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/18/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/18/2023	

Batch R329033		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.511	0.5000	0	102.2	90	110	05/18/2023	

Batch R329033		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-045AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.247	0.2500	0	98.8	85	115	05/18/2023	

Batch R329033		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23050523-045AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.260	0.2500	0	104.0	0.2470	5.13	05/18/2023	

Batch R329106		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/19/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/19/2023	

Batch R329106		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-205814											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)	*	0.050		< 0.050						05/19/2023	
Nitrogen, Nitrate-Nitrite (as N)	*	0.050		< 0.050	0.0090	0	0	-100	100	05/19/2023	



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Client: Ramboll

Work Order: 23050523

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Batch R329106		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.512	0.5000	0	102.4	90	110	05/19/2023	

Batch R329106		SampType: MS		Units mg/L							
SampID: 23050523-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.73	0.5000	1.245	97.2	85	115	05/19/2023	

Batch R329106		SampType: MSD		Units mg/L						RPD Limit: 10		Date Analyzed
SampID: 23050523-005AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.75	0.5000	1.245	101.0	1.731	1.09	05/19/2023		

Batch R329246		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/23/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/23/2023	

Batch R329246		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.509	0.5000	0	101.8	90	110	05/23/2023	

Batch R329246		SampType: MS		Units mg/L							
SampID: 23050523-018AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.765	0.2500	0.5120	101.2	85	115	05/23/2023	

Batch R329246		SampType: MSD		Units mg/L						RPD Limit: 10		Date Analyzed
SampID: 23050523-018AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.762	0.2500	0.5120	100.0	0.7650	0.39	05/23/2023		



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

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STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011

Batch R329246		SampType: MS		Units mg/L							
SampID: 23050523-036AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	0.246	0.2500	0	98.4	85	115	05/23/2023	

Batch R329246		SampType: MSD		Units mg/L							
SampID: 23050523-036AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	0.250	0.2500	0	100.0	0.2460	1.61	05/23/2023	

Batch R329320		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/24/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/24/2023	

Batch R329320		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.512	0.5000	0	102.4	90	110	05/24/2023	

Batch R329320		SampType: MS		Units mg/L							
SampID: 23050523-051AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.261	0.2500	0.02300	95.2	85	115	05/24/2023	

Batch R329320		SampType: MSD		Units mg/L							
SampID: 23050523-051AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.266	0.2500	0.02300	97.2	0.2610	1.90	05/24/2023	

Batch R329416		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						05/25/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	05/25/2023	



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Batch R329416		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.527	0.5000	0	105.4	90	110	05/25/2023	

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R328949		SampType: MS		Units mg/L							
SampID: 23050523-011BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.050	0.0500	0.005000	90.0	85	115	05/17/2023	

Batch R328949		SampType: MSD		Units mg/L							
SampID: 23050523-011BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.049	0.0500	0.005000	88.0	0.05000	2.02	05/17/2023	

Batch R328949		SampType: MS		Units mg/L							
SampID: 23050523-044BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.052	0.0500	0	104.0	85	115	05/18/2023	

Batch R328949		SampType: MSD		Units mg/L							
SampID: 23050523-044BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.054	0.0500	0	108.0	0.05200	3.77	05/18/2023	

Batch R329122		SampType: MS		Units mg/L							
SampID: 23050523-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.084	0.0500	0.03200	104.0	85	115	05/19/2023	

Batch R329122		SampType: MSD		Units mg/L							
SampID: 23050523-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.086	0.0500	0.03200	108.0	0.08400	2.35	05/19/2023	



Quality Control Results

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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R329122		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-004BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.047	0.0500	0	94.0	85	115	05/19/2023	

Batch R329122		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-004BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.051	0.0500	0	102.0	0.04700	8.16	05/19/2023		

Batch R329122		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-005BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.059	0.0500	0.005000	108.0	85	115	05/19/2023	

Batch R329122		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-005BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.061	0.0500	0.005000	112.0	0.05900	3.33	05/19/2023		

Batch R329315		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-019BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.053	0.0500	0	106.0	85	115	05/24/2023	

Batch R329315		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-019BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.055	0.0500	0	110.0	0.05300	3.70	05/24/2023		

Batch R329391		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-053BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.072	0.0500	0.01700	110.0	85	115	05/23/2023	

Batch R329391		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-053BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.070	0.0500	0.01700	106.0	0.07200	2.82	05/23/2023		



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R329486		SampType: MS		Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010	H	0.101	0.0500	0.04800	106.0	85	115	05/30/2023	

Batch R329486		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phosphorus, Orthophosphate (as P)	*	0.010	H	0.103	0.0500	0.04800	110.0	0.1010	1.96	05/30/2023	

STANDARD METHODS 4500-P E 1999, 2011

Batch R328949		SampType: MBLK		Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	05/17/2023	

Batch R328949		SampType: LCS		Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		0.100	0.1000	0	100.0	90	110	05/17/2023	

Batch R328949		SampType: MS		Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		0.058	0.0500	0.009000	98.0	85	115	05/17/2023	

Batch R328949		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phosphorus, Orthophosphate (as P)	*	0.010		0.059	0.0500	0.009000	100.0	0.05800	1.71	05/17/2023	

Batch R329122		SampType: MBLK		Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	05/19/2023	



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Work Order: 23050523

Client Project: BAL-23Q2

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STANDARD METHODS 4500-P E 1999, 2011

Batch R329122		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.090	0.1000	0	90.0	90	110	05/19/2023	

Batch R329315		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	05/24/2023	

Batch R329315		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.099	0.1000	0	99.0	90	110	05/24/2023	

Batch R329315		SampType: MS		Units mg/L							
SampID: 23050523-019AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.060	0.0500	0.01100	98.0	85	115	05/24/2023	

Batch R329315		SampType: MSD		Units mg/L							
SampID: 23050523-019AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.059	0.0500	0.01100	96.0	0.06000	1.68	05/24/2023	

Batch R329391		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	05/23/2023	

Batch R329391		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.099	0.1000	0	99.0	90	110	05/23/2023	

Batch R329391		SampType: MS		Units mg/L							
SampID: 23050523-053AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.072	0.0500	0.02000	104.0	85	115	05/23/2023	



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Work Order: 23050523

Client Project: BAL-23Q2

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Batch R329391		SampType: MSD		Units mg/L			RPD Limit: 10				
SampID: 23050523-053AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.072	0.0500	0.02000	104.0	0.07200	0.00	05/23/2023	

Batch R329486		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	05/30/2023	

Batch R329486		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.104	0.1000	0	104.0	90	110	05/30/2023	

SW-846 9036 (DISSOLVED)

Batch R329045		SampType: MBLK		Units mg/L							
SampID: MB-R329045											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	7.620	0	0	-100	100	05/18/2023	

Batch R329045		SampType: LCS		Units mg/L							
SampID: LCS-R329045											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	95.5	90	110	05/18/2023	

Batch R329045		SampType: MS		Units mg/L							
SampID: 23050523-010BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10	S	43	20.00	25.67	84.2	85	115	05/18/2023	

Batch R329045		SampType: MSD		Units mg/L			RPD Limit: 10				
SampID: 23050523-010BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		10		43	20.00	25.67	87.4	42.52	1.45	05/18/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

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SW-846 9036 (DISSOLVED)

Batch R329312		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		500	S	1890	1000	1051	84.0	85	115	05/24/2023	

Batch R329312		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-003BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		500		1900	1000	1051	85.3	1891	0.68	05/24/2023		

Batch R329312		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200	S	783	400.0	453.9	82.4	85	115	05/24/2023	

Batch R329312		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-035BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		200		842	400.0	453.9	97.1	783.3	7.24	05/24/2023		

Batch R329383		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100	S	315	200.0	152.4	81.3	85	115	05/25/2023	

Batch R329383		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-002BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		100	S	318	200.0	152.4	82.7	314.9	0.89	05/25/2023		

Batch R329383		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-032BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100		357	200.0	178.0	89.4	85	115	05/25/2023	

Batch R329383		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-032BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		100	S	343	200.0	178.0	82.7	356.8	3.81	05/25/2023		



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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
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SW-846 9036 (TOTAL)

Batch R329045		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/18/2023	

Batch R329045		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	95.5	90	110	05/18/2023	

Batch R329045		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-011AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		245	100.0	153.5	91.3	85	115	05/18/2023	

Batch R329045		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-011AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		50		245	100.0	153.5	91.6	244.7	0.14	05/18/2023		

Batch R329097		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/19/2023	

Batch R329097		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	94.6	90	110	05/19/2023	

Batch R329116		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/21/2023	

Batch R329116		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	93.3	90	110	05/21/2023	



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Client: Ramboll

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Client Project: BAL-23Q2

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SW-846 9036 (TOTAL)

Batch R329116		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-035AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200		819	400.0	430.0	97.3	85	115	05/21/2023	

Batch R329116		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-035AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		200		822	400.0	430.0	98.1	819.3	0.36	05/21/2023		

Batch R329312		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/24/2023	

Batch R329312		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/24/2023	

Batch R329312		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		18	20.00	0	92.4	90	110	05/24/2023	

Batch R329312		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS/ICV											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		18	20.00	0	90.7	90	110	05/24/2023	

Batch R329312		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20	SE	106	40.00	73.53	82.0	85	115	05/25/2023	

Batch R329312		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-004AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		20	E	109	40.00	73.53	87.8	106.3	2.19	05/25/2023		



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Work Order: 23050523

Client Project: BAL-23Q2

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Batch R329383		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/25/2023	

Batch R329383		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		18	20.00	0	91.8	90	110	05/25/2023	

Batch R329383		SampType: MS		Units mg/L							
SampID: 23050523-020AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10	SE	56	20.00	45.35	52.4	85	115	05/25/2023	

Batch R329383		SampType: MSD		Units mg/L							
SampID: 23050523-020AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		10	SE	58	20.00	45.35	62.5	55.82	3.57	05/25/2023	

Batch R329494		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/27/2023	

Batch R329494		SampType: MBLK		Units mg/L							
SampID: MBLK-204908											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate	*	10		< 10	6.140	0	0	-100	100	05/27/2023	

Batch R329494		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	94.3	90	110	05/27/2023	

Batch R329638		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	05/31/2023	



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Client: Ramboll

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Client Project: BAL-23Q2

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Batch R329638		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	94.2	90	110	05/31/2023	

Batch R329638		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		166	100.0	74.72	91.3	85	115	05/31/2023	

Batch R329638		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23050523-006AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		50		171	100.0	74.72	96.8	166.0	3.24	05/31/2023		

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Batch R329186		SampType: MBLK		Units mg/L							Date Analyzed
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		< 1.0	0.4500	0	0	-100	100	05/22/2023	

Batch R329186		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	05/22/2023	

Batch R329186		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		20.0		62.0	59.30	0	104.5	90	110	05/22/2023	

Batch R329186		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-003FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.4	5.000	1.320	100.6	85	115	05/22/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

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Batch R329186		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-003FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.4	5.000	1.320	100.8	6.350	0.16	05/22/2023	

Batch R329186		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-021EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		8.4	5.000	3.720	94.0	85	115	05/22/2023	

Batch R329186		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-021EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		8.4	5.000	3.720	92.6	8.420	0.83	05/22/2023	

Batch R329186		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-026FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		7.1	5.000	2.260	96.6	85	115	05/22/2023	

Batch R329186		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-026FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		7.1	5.000	2.260	96.0	7.090	0.42	05/22/2023	

Batch R329186		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-035EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		8.7	5.000	3.920	95.8	85	115	05/22/2023	

Batch R329186		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-035EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		8.4	5.000	3.920	90.4	8.710	3.15	05/22/2023	

Batch R329186		SampType: MS		Units mg/L				RPD Limit: 10			
SampID: 23050523-041FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.1	5.000	1.320	95.6	85	115	05/22/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

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Batch R329186		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-041FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.0	5.000	1.320	92.6	6.100	2.49	05/22/2023	

Batch R329567		SampType: MBLK		Units mg/L							
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0	J	0.6	0.5900	0	100.0	-100	100	05/30/2023	

Batch R329567		SampType: MS		Units mg/L							
SampID: 23050523-006FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.0	5.000	1.330	92.6	85	115	05/30/2023	

Batch R329567		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-006FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.0	5.000	1.330	93.8	5.960	1.00	05/30/2023	

Batch R329567		SampType: MS		Units mg/L							
SampID: 23050523-051EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		7.3	5.000	2.520	95.0	85	115	05/31/2023	

Batch R329567		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-051EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		7.2	5.000	2.520	93.8	7.270	0.83	05/31/2023	

Batch R329567		SampType: MS		Units mg/L							
SampID: 23050523-053FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.2	5.000	1.490	95.0	85	115	05/30/2023	

Batch R329567		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23050523-053FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.0	5.000	1.490	90.4	6.240	3.76	05/30/2023	



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Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
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Batch R329670		SampType: MBLK		Units mg/L							
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/01/2023	

Batch R329670		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/01/2023	

Batch R329670		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		20.0		64.9	59.30	0	109.4	90	110	06/01/2023	

Batch R329670		SampType: MS		Units mg/L							
SampID: 23050523-006EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.4	5.000	1.090	86.8	85	115	06/01/2023	

Batch R329670		SampType: MSD		Units mg/L							
SampID: 23050523-006EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.4	5.000	1.090	85.6	5.430	1.11	06/01/2023	

Batch R329670		SampType: MS		Units mg/L							
SampID: 23050523-051EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		7.0	5.000	2.630	88.4	85	115	06/01/2023	

Batch R329670		SampType: MSD		Units mg/L							
SampID: 23050523-051EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		7.2	5.000	2.630	92.4	7.050	2.80	06/01/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9214 (TOTAL)

Batch R329012		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	05/18/2023	

Batch R329012		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		1.00	1.000	0	99.9	90	110	05/18/2023	

Batch R329012		SampType: MS		Units mg/L							
SampID: 23050523-037AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		1.00		28.2	20.00	8.420	99.0	75	125	05/18/2023	

Batch R329012		SampType: MSD		Units mg/L							
SampID: 23050523-037AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		1.00		28.8	20.00	8.420	102.2	28.21	2.24	05/18/2023	

Batch R329066		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	05/19/2023	

Batch R329066		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		1.06	1.000	0	105.5	90	110	05/19/2023	

Batch R329066		SampType: MS		Units mg/L							
SampID: 23050523-035AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		5.34	2.000	3.243	104.9	75	125	05/19/2023	

Batch R329066		SampType: MSD		Units mg/L							
SampID: 23050523-035AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		5.38	2.000	3.243	106.8	5.341	0.69	05/19/2023	



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9214 (TOTAL)

Batch R329066		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-044AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.18	2.000	0.1800	99.8	75	125	05/19/2023	

Batch R329066		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-044AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.23	2.000	0.1800	102.6	2.175	2.59	05/19/2023		

Batch R329066		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-045AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.20	2.000	0.1940	100.4	75	125	05/19/2023	

Batch R329066		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-045AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.20	2.000	0.1940	100.3	2.201	0.05	05/19/2023		

Batch R329119		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	05/22/2023	

Batch R329119		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		0.99	1.000	0	98.6	90	110	05/22/2023	

Batch R329119		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-025AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		5.54	2.000	3.306	111.4	75	125	05/22/2023	

Batch R329119		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-025AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		5.53	2.000	3.306	111.3	5.535	0.07	05/22/2023		



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9214 (TOTAL)

Batch R329437		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	05/26/2023	

Batch R329437		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		0.94	1.000	0	93.9	90	110	05/26/2023	

Batch R329437		SampType: MS		Units mg/L							
SampID: 23050523-013AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		3.53	2.000	1.361	108.4	75	125	05/26/2023	

Batch R329437		SampType: MSD		Units mg/L							
SampID: 23050523-013AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		3.44	2.000	1.361	104.2	3.528	2.41	05/26/2023	

Batch R329437		SampType: MS		Units mg/L							
SampID: 23050523-049AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.63	2.000	0.4990	106.7	75	125	05/26/2023	

Batch R329437		SampType: MSD		Units mg/L							
SampID: 23050523-049AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		2.50	2.000	0.4990	100.2	2.633	5.10	05/26/2023	

Batch R329437		SampType: MS		Units mg/L							
SampID: 23050523-054AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.00	2.000	0	100.1	75	125	05/26/2023	

Batch R329437		SampType: MSD		Units mg/L							
SampID: 23050523-054AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		1.93	2.000	0	96.4	2.002	3.77	05/26/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9251 (DISSOLVED)

Batch R329023		SampType: MS		Units mg/L							Date
SampID: 23050523-010BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4		44	20.00	25.44	92.9	85	115		05/18/2023

Batch R329023		SampType: MSD		Units mg/L		RPD Limit: 15					Date
SampID: 23050523-010BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4		44	20.00	25.44	92.7	44.02	0.11		05/18/2023

Batch R329098		SampType: MS		Units mg/L							Date
SampID: 23050523-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		40		350	200.0	175.7	87.4	85	115		05/19/2023

Batch R329098		SampType: MSD		Units mg/L		RPD Limit: 15					Date
SampID: 23050523-035BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		40		348	200.0	175.7	86.2	350.4	0.69		05/19/2023

Batch R329395		SampType: MS		Units mg/L							Date
SampID: 23050523-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4		32	20.00	13.17	93.7	85	115		05/25/2023

Batch R329395		SampType: MSD		Units mg/L		RPD Limit: 15					Date
SampID: 23050523-002BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4		32	20.00	13.17	92.8	31.90	0.50		05/25/2023

Batch R329395		SampType: MS		Units mg/L							Date
SampID: 23050523-032BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4	E	63	20.00	43.09	98.0	85	115		05/25/2023

Batch R329395		SampType: MSD		Units mg/L		RPD Limit: 15					Date
SampID: 23050523-032BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4	E	64	20.00	43.09	105.3	62.69	2.30		05/25/2023



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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9251 (DISSOLVED)

Batch R329548		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		8		91	40.00	54.94	89.9	85	115	05/28/2023	

Batch R329548		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-003BMSSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		8		90	40.00	54.94	87.0	90.89	1.25	05/28/2023		

SW-846 9251 (TOTAL)

Batch R329023		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/18/2023	

Batch R329023		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	101.0	90	110	05/18/2023	

Batch R329023		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-011AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		20		132	100.0	37.07	94.9	85	115	05/18/2023	

Batch R329023		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-011AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		20		132	100.0	37.07	94.6	132.0	0.23	05/18/2023		

Batch R329098		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/19/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9251 (TOTAL)

Batch R329098		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.9	90	110	05/19/2023	

Batch R329098		SampType: MS		Units mg/L							
SampID: 23050523-035AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40		350	200.0	169.9	89.9	85	115	05/19/2023	

Batch R329098		SampType: MSD		Units mg/L							
SampID: 23050523-035AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		40		357	200.0	169.9	93.6	349.7	2.09	05/19/2023	

Batch R329126		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/21/2023	

Batch R329126		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	101.0	90	110	05/21/2023	

Batch R329126		SampType: MS		Units mg/L							
SampID: 23050523-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40		240	200.0	45.63	96.9	85	115	05/21/2023	

Batch R329126		SampType: MSD		Units mg/L							
SampID: 23050523-004AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		40		245	200.0	45.63	99.9	239.5	2.40	05/21/2023	

Batch R329334		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/24/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9251 (TOTAL)

Batch R329334		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/24/2023	

Batch R329334		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	98.1	90	110	05/24/2023	

Batch R329334		SampType: LCS		Units mg/L							
SampID: LCS/ICV											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.4	90	110	05/24/2023	

Batch R329395		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/25/2023	

Batch R329395		SampType: MBLK		Units mg/Kg							
SampID: MBLK-230521											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride	*	40		< 40	0.5000	0	0	-100	100	05/25/2023	

Batch R329395		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.0	90	110	05/25/2023	

Batch R329395		SampType: MS		Units mg/L							
SampID: 23050523-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		35	20.00	15.86	94.1	85	115	05/25/2023	

Batch R329395		SampType: MSD		Units mg/L							
SampID: 23050523-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		34	20.00	15.86	90.5	34.68	2.10	05/25/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 9251 (TOTAL)

Batch R329395		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-020AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40		373	200.0	191.0	91.2	85	115	05/25/2023	

Batch R329395		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-020AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		40		372	200.0	191.0	90.3	373.4	0.50	05/25/2023		

Batch R329548		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/27/2023	

Batch R329548		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-204908											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride	*	4		< 4	0.5000	0	0	-100	100	05/27/2023	

Batch R329548		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.3	90	110	05/27/2023	

Batch R329609		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	05/31/2023	

Batch R329609		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	99.9	90	110	05/31/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206284 SampType: MBLK Units mg/L

SampID: MBLK-206284

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/18/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/18/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/18/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/18/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/18/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/18/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/18/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/18/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/18/2023

Batch 206284 SampType: LCS Units mg/L

SampID: LCS-206284

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.79	2.000	0	89.5	85	115	05/18/2023
Boron		0.0200		0.462	0.5000	0	92.5	85	115	05/18/2023
Calcium		0.100		2.45	2.500	0	98.1	85	115	05/18/2023
Iron		0.0400		1.87	2.000	0	93.4	85	115	05/18/2023
Magnesium		0.0500		2.31	2.500	0	92.6	85	115	05/18/2023
Manganese		0.0070		0.477	0.5000	0	95.4	85	115	05/18/2023
Potassium		0.100		2.44	2.500	0	97.8	85	115	05/18/2023
Silicon	*	0.0500		0.472	0.5000	0	94.4	85	115	05/18/2023
Sodium		0.0500		2.33	2.500	0	93.1	85	115	05/18/2023

Batch 206284 SampType: MS Units mg/L

SampID: 23050523-028DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		3.57	4.000	0	89.2	75	125	05/18/2023
Calcium		0.100		41.1	5.000	36.70	88.0	75	125	05/18/2023
Iron		0.0400		3.74	4.000	0	93.5	75	125	05/18/2023
Magnesium		0.0500		25.4	5.000	21.57	76.9	75	125	05/18/2023
Manganese		0.0070		0.924	1.000	0.01120	91.3	75	125	05/18/2023
Potassium		0.100		9.94	5.000	5.125	96.3	75	125	05/18/2023
Silicon	*	0.0500		4.57	1.000	3.630	93.5	75	125	05/18/2023
Sodium		0.0500	S	1080	5.000	1086	-96.8	75	125	05/18/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206284		SampType: MSD		Units mg/L				RPD Limit: 20			Date Analyzed
SampID: 23050523-028DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		3.76	4.000	0	94.0	3.570	5.18	05/18/2023	
Calcium		0.100		42.5	5.000	36.70	115.4	41.10	3.28	05/18/2023	
Iron		0.0400		3.96	4.000	0	99.0	3.740	5.71	05/18/2023	
Magnesium		0.0500		26.3	5.000	21.57	94.8	25.41	3.45	05/18/2023	
Manganese		0.0070		0.978	1.000	0.01120	96.6	0.9243	5.62	05/18/2023	
Potassium		0.100	E	10.3	5.000	5.125	104.2	9.939	3.88	05/18/2023	
Silicon	*	0.0500		4.71	1.000	3.630	108.1	4.565	3.15	05/18/2023	
Sodium		0.0500	S	1110	5.000	1086	423.0	1081	2.37	05/18/2023	

Batch 206332		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK-206332										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/19/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/19/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/19/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/19/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/19/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/19/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/19/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/19/2023

Batch 206332		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-206332										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.81	2.000	0	90.5	85	115	05/22/2023
Boron		0.0200		0.437	0.5000	0	87.3	85	115	05/19/2023
Calcium		0.100		2.26	2.500	0	90.5	85	115	05/19/2023
Iron		0.0400		1.80	2.000	0	90.0	85	115	05/19/2023
Magnesium		0.0500		2.15	2.500	0	86.0	85	115	05/19/2023
Manganese		0.0070		0.436	0.5000	0	87.3	85	115	05/19/2023
Potassium		0.100		2.40	2.500	0	96.0	85	115	05/19/2023
Silicon	*	0.0500		0.489	0.5000	0	97.8	85	115	05/19/2023
Silicon	*	0.0500		0.492	0.5000	0	98.3	85	115	05/22/2023
Sodium		0.0500		2.18	2.500	0	87.3	85	115	05/19/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206332		SampType: MS		Units mg/L						
SampID: 23050523-041DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.69	2.000	0	84.6	75	125	05/19/2023
Calcium		0.100	S	77.1	2.500	76.60	20.8	75	125	05/19/2023
Iron		0.0400		2.10	2.000	0.2560	92.2	75	125	05/19/2023
Magnesium		0.0500	S	32.7	2.500	31.33	55.8	75	125	05/19/2023
Manganese		0.0070		0.778	0.5000	0.3449	86.5	75	125	05/19/2023
Potassium		0.100		3.16	2.500	0.7591	96.0	75	125	05/19/2023
Silicon	*	0.0500	S	10.8	0.5000	10.44	72.9	75	125	05/22/2023
Sodium		0.0500	S	51.8	2.500	50.26	59.6	75	125	05/19/2023

Batch 206332		SampType: MSD		Units mg/L							RPD Limit: 20
SampID: 23050523-041DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		1.69	2.000	0	84.4	1.693	0.21	05/19/2023	
Calcium		0.100	S	77.7	2.500	76.60	45.6	77.12	0.80	05/19/2023	
Iron		0.0400		2.11	2.000	0.2560	92.7	2.100	0.48	05/19/2023	
Magnesium		0.0500	S	33.2	2.500	31.33	72.9	32.73	1.30	05/19/2023	
Manganese		0.0070		0.789	0.5000	0.3449	88.7	0.7776	1.40	05/19/2023	
Potassium		0.100		3.15	2.500	0.7591	95.6	3.160	0.39	05/19/2023	
Silicon	*	0.0500	S	10.7	0.5000	10.44	45.7	10.80	1.27	05/22/2023	
Sodium		0.0500	S	51.4	2.500	50.26	45.6	51.75	0.68	05/19/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206401 SampType: MBLK Units mg/L

SampleID: MBLK-206401

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/22/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206401 SampType: LCS Units mg/L

SampleID: LCS-206401

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.83	2.000	0	91.5	85	115	05/22/2023
Aluminum		0.0250		1.89	2.000	0	94.5	85	115	05/22/2023
Aluminum		0.0250		1.85	2.000	0	92.6	85	115	05/22/2023
Boron		0.0200		0.464	0.5000	0	92.9	85	115	05/22/2023
Boron		0.0200		0.471	0.5000	0	94.2	85	115	05/22/2023
Boron		0.0200		0.463	0.5000	0	92.6	85	115	05/22/2023
Calcium		0.100		2.49	2.500	0	99.4	85	115	05/22/2023
Calcium		0.100		2.43	2.500	0	97.3	85	115	05/22/2023
Calcium		0.100		2.42	2.500	0	96.8	85	115	05/22/2023
Iron		0.0400		1.83	2.000	0	91.7	85	115	05/22/2023
Iron		0.0400		1.83	2.000	0	91.5	85	115	05/22/2023
Iron		0.0400		1.84	2.000	0	92.1	85	115	05/22/2023
Magnesium		0.0500	S	2.12	2.500	0	84.9	85	115	05/22/2023
Magnesium		0.0500		2.21	2.500	0	88.3	85	115	05/22/2023
Manganese		0.0070		0.471	0.5000	0	94.1	85	115	05/22/2023
Manganese		0.0070		0.466	0.5000	0	93.2	85	115	05/22/2023
Manganese		0.0070		0.475	0.5000	0	95.0	85	115	05/22/2023
Potassium		0.100		2.64	2.500	0	105.6	85	115	05/22/2023
Potassium		0.100		2.73	2.500	0	109.2	85	115	05/22/2023
Potassium		0.100		2.63	2.500	0	105.1	85	115	05/22/2023
Silicon	*	0.0500		0.503	0.5000	0	100.6	85	115	05/22/2023
Silicon	*	0.0500		0.505	0.5000	0	101.0	85	115	05/22/2023
Silicon	*	0.0500		0.500	0.5000	0	100.1	85	115	05/22/2023
Sodium		0.0500		2.38	2.500	0	95.2	85	115	05/22/2023
Sodium		0.0500		2.36	2.500	0	94.6	85	115	05/22/2023
Sodium		0.0500		2.45	2.500	0	97.9	85	115	05/22/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206401		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-003DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		1.87	2.000	0	93.4	75	125	05/22/2023	
Boron		0.0200		3.82	0.5000	3.422	78.9	75	125	05/22/2023	
Calcium		0.100	S	182	2.500	182.7	-10.8	75	125	05/22/2023	
Iron		0.0400		1.85	2.000	0	92.7	75	125	05/22/2023	
Magnesium		0.0500	S	149	2.500	149.2	1.6	75	125	05/22/2023	
Manganese		0.0070		0.472	0.5000	0.003800	93.6	75	125	05/22/2023	
Potassium		0.100		3.59	2.500	0.8693	108.8	75	125	05/22/2023	
Silicon	*	0.0500	S	10.6	0.5000	10.28	64.8	75	125	05/22/2023	
Sodium		0.0500	S	109	2.500	109.0	15.6	75	125	05/22/2023	

Batch 206401		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23050523-003DMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aluminum		0.0250		1.88	2.000	0	93.8	1.868	0.43	05/22/2023		
Boron		0.0200		3.80	0.5000	3.422	76.5	3.817	0.31	05/22/2023		
Calcium		0.100	S	181	2.500	182.7	-78.0	182.4	0.93	05/22/2023		
Iron		0.0400		1.86	2.000	0	92.9	1.855	0.21	05/22/2023		
Magnesium		0.0500	S	148	2.500	149.2	-34.9	149.3	0.61	05/22/2023		
Manganese		0.0070		0.473	0.5000	0.003800	93.9	0.4720	0.30	05/22/2023		
Potassium		0.100		3.58	2.500	0.8693	108.5	3.590	0.20	05/22/2023		
Silicon	*	0.0500	S	10.6	0.5000	10.28	59.2	10.60	0.27	05/22/2023		
Sodium		0.0500	S	110	2.500	109.0	21.6	109.4	0.14	05/22/2023		

Batch 206425		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206425											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023	
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023	
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023	
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/22/2023	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206425 SampType: LCS Units mg/L

SampID: LCS-206425

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.83	2.000	0	91.3	85	115	05/22/2023
Boron		0.0200		0.446	0.5000	0	89.3	85	115	05/22/2023
Calcium		0.100		2.47	2.500	0	98.7	85	115	05/22/2023
Iron		0.0400		1.81	2.000	0	90.3	85	115	05/22/2023
Magnesium		0.0500		2.17	2.500	0	86.8	85	115	05/22/2023
Manganese		0.0070		0.466	0.5000	0	93.2	85	115	05/22/2023
Potassium		0.100		2.51	2.500	0	100.4	85	115	05/22/2023
Silicon	*	0.0500		0.476	0.5000	0	95.2	85	115	05/22/2023
Sodium		0.0500		2.32	2.500	0	92.9	85	115	05/22/2023

Batch 206425 SampType: MS Units mg/L

SampID: 23050523-025DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		3.34	4.000	0	83.5	75	125	05/22/2023
Calcium		0.100		14.3	5.000	10.38	77.6	75	125	05/22/2023
Iron		0.0400		3.69	4.000	0.2421	86.2	75	125	05/22/2023
Magnesium		0.0500		8.83	5.000	4.836	79.8	75	125	05/22/2023
Manganese		0.0070		1.04	1.000	0.1815	86.1	75	125	05/22/2023
Potassium		0.100		8.49	5.000	3.853	92.7	75	125	05/22/2023
Silicon	*	0.0500		4.32	1.000	3.538	78.6	75	125	05/22/2023
Sodium		0.0500	S	1150	5.000	1239	-1709	75	125	05/22/2023

Batch 206425 SampType: MSD Units mg/L

SampID: 23050523-025DMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		3.37	4.000	0	84.2	3.340	0.89	05/22/2023
Calcium		0.100		14.5	5.000	10.38	82.4	14.26	1.67	05/22/2023
Iron		0.0400		3.73	4.000	0.2421	87.2	3.690	1.08	05/22/2023
Magnesium		0.0500		8.82	5.000	4.836	79.7	8.825	0.06	05/22/2023
Manganese		0.0070		1.05	1.000	0.1815	86.6	1.042	0.50	05/22/2023
Potassium		0.100		8.62	5.000	3.853	95.3	8.490	1.51	05/22/2023
Silicon	*	0.0500		4.30	1.000	3.538	75.8	4.324	0.65	05/22/2023
Sodium		0.0500	S	1180	5.000	1239	-1171	1154	2.30	05/22/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 206584 SampType: MBLK Units mg/L
SampID: MBLK-206584

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/25/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/25/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/25/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/25/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/25/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/25/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/25/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/25/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/25/2023

Batch 206584 SampType: LCS Units mg/L
SampID: LCS-206584

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.75	2.000	0	87.6	85	115	05/25/2023
Boron		0.0200		0.452	0.5000	0	90.5	85	115	05/25/2023
Calcium		0.100		2.40	2.500	0	95.8	85	115	05/25/2023
Iron		0.0400		1.81	2.000	0	90.7	85	115	05/25/2023
Magnesium		0.0500		2.24	2.500	0	89.5	85	115	05/25/2023
Manganese		0.0070		0.458	0.5000	0	91.6	85	115	05/25/2023
Potassium		0.100		2.40	2.500	0	96.1	85	115	05/25/2023
Silicon	*	0.0500		0.484	0.5000	0	96.9	85	115	05/25/2023
Sodium		0.0500		2.25	2.500	0	90.0	85	115	05/25/2023

Batch 206584 SampType: MS Units mg/L
SampID: 23050523-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		0.617	0.5000	0.1882	85.8	75	125	05/25/2023
Iron		0.0400		6.39	2.000	4.650	87.0	75	125	05/25/2023
Manganese		0.0070		2.28	0.5000	1.897	76.5	75	125	05/25/2023

Batch 206584 SampType: MSD Units mg/L
SampID: 23050523-001DMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		0.620	0.5000	0.1882	86.3	0.6171	0.42	05/25/2023
Iron		0.0400		6.40	2.000	4.650	87.5	6.390	0.16	05/25/2023
Manganese		0.0070		2.29	0.5000	1.897	77.9	2.280	0.31	05/25/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206255 SampType: MBLK Units mg/L
 SampID: MBLK-206255

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/19/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/18/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	05/22/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	05/19/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	05/18/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/18/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/22/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/19/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/19/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/22/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/18/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/19/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/18/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/22/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/19/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/18/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/19/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/18/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/19/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/18/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/18/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/19/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/22/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	05/18/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	05/19/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/18/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/19/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/19/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	05/18/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206255		SampType: MBLK		Units mg/L						
SampID: MBLK-206255										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/19/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/18/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/19/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/18/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/19/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/18/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/22/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/19/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/19/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/18/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	05/19/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	05/22/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	05/18/2023
Silicon	*	0.0500		< 0.0500	0.0400	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/19/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/18/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	05/22/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	05/18/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	05/19/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206255	SampType:	LCS	Units	mg/L						Date	
SampID:	LCS-206255											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		0.0250		2.02	2.000	0	100.8	85	115	05/19/2023		
Aluminum		0.0250		1.97	2.000	0	98.6	85	115	05/22/2023		
Aluminum		0.0250		1.91	2.000	0	95.6	85	115	05/18/2023		
Antimony		0.0500		0.484	0.5000	0	96.7	85	115	05/18/2023		
Antimony		0.0500		0.497	0.5000	0	99.4	85	115	05/22/2023		
Antimony		0.0500		0.503	0.5000	0	100.6	85	115	05/19/2023		
Arsenic		0.0250		0.506	0.5000	0	101.1	85	115	05/18/2023		
Arsenic		0.0250		0.529	0.5000	0	105.7	85	115	05/19/2023		
Arsenic		0.0250		0.508	0.5000	0	101.7	85	115	05/22/2023		
Barium		0.0025		1.99	2.000	0	99.5	85	115	05/22/2023		
Barium		0.0025		1.97	2.000	0	98.4	85	115	05/18/2023		
Barium		0.0025		2.13	2.000	0	106.3	85	115	05/19/2023		
Beryllium		0.0005		0.0523	0.0500	0	104.6	85	115	05/19/2023		
Beryllium		0.0005		0.0495	0.0500	0	99.0	85	115	05/18/2023		
Beryllium		0.0005		0.0479	0.0500	0	95.8	85	115	05/22/2023		
Boron		0.0200		0.489	0.5000	0	97.8	85	115	05/18/2023		
Boron		0.0200		0.507	0.5000	0	101.4	85	115	05/19/2023		
Boron		0.0200		0.506	0.5000	0	101.3	85	115	05/22/2023		
Cadmium		0.0020		0.0503	0.0500	0	100.6	85	115	05/18/2023		
Cadmium		0.0020		0.0472	0.0500	0	94.4	85	115	05/22/2023		
Cadmium		0.0020		0.0523	0.0500	0	104.6	85	115	05/19/2023		
Calcium		0.100		2.61	2.500	0	104.6	85	115	05/22/2023		
Calcium		0.100		2.62	2.500	0	104.7	85	115	05/19/2023		
Calcium		0.100		2.51	2.500	0	100.5	85	115	05/18/2023		
Chromium		0.0050		0.205	0.2000	0	102.6	85	115	05/19/2023		
Chromium		0.0050		0.196	0.2000	0	98.0	85	115	05/22/2023		
Chromium		0.0050		0.195	0.2000	0	97.6	85	115	05/18/2023		
Cobalt		0.0050		0.525	0.5000	0	105.0	85	115	05/19/2023		
Cobalt		0.0050		0.494	0.5000	0	98.8	85	115	05/18/2023		
Cobalt		0.0050		0.496	0.5000	0	99.1	85	115	05/22/2023		
Iron		0.0400		2.09	2.000	0	104.4	85	115	05/19/2023		
Iron		0.0400		1.97	2.000	0	98.6	85	115	05/22/2023		
Iron		0.0400		1.98	2.000	0	98.9	85	115	05/18/2023		
Lead		0.0150		0.478	0.5000	0	95.5	85	115	05/22/2023		
Lead		0.0150		0.494	0.5000	0	98.7	85	115	05/18/2023		
Lead		0.0150		0.488	0.5000	0	97.6	85	115	05/22/2023		



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206255 SampType: LCS Units mg/L

SampID: LCS-206255

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0150		0.541	0.5000	0	108.2	85	115	05/19/2023
Lithium	*	0.0050		0.535	0.5000	0	107.0	85	115	05/22/2023
Magnesium		0.0500		2.58	2.500	0	103.0	85	115	05/19/2023
Magnesium		0.0500		2.28	2.500	0	91.4	85	115	05/22/2023
Magnesium		0.0500		2.34	2.500	0	93.4	85	115	05/18/2023
Manganese		0.0070		0.470	0.5000	0	94.0	85	115	05/22/2023
Manganese		0.0070		0.494	0.5000	0	98.8	85	115	05/18/2023
Manganese		0.0070		0.519	0.5000	0	103.8	85	115	05/19/2023
Manganese		0.0070		0.504	0.5000	0	100.7	85	115	05/22/2023
Molybdenum		0.0100		0.474	0.5000	0	94.9	85	115	05/18/2023
Molybdenum		0.0100		0.479	0.5000	0	95.9	85	115	05/22/2023
Molybdenum		0.0100		0.500	0.5000	0	100.1	85	115	05/19/2023
Potassium		0.100		2.58	2.500	0	103.0	85	115	05/18/2023
Potassium		0.100		2.81	2.500	0	112.2	85	115	05/22/2023
Potassium		0.100		2.60	2.500	0	104.1	85	115	05/19/2023
Selenium		0.0400		0.495	0.5000	0	99.0	85	115	05/18/2023
Selenium		0.0400		0.524	0.5000	0	104.9	85	115	05/19/2023
Selenium		0.0400		0.489	0.5000	0	97.8	85	115	05/22/2023
Silicon	*	0.0500		0.543	0.5000	0	108.5	85	115	05/22/2023
Sodium		0.0500		2.57	2.500	0	102.9	85	115	05/22/2023
Sodium		0.0500		2.40	2.500	0	96.1	85	115	05/18/2023
Sodium		0.0500		2.42	2.500	0	97.0	85	115	05/19/2023
Thallium		0.0500		0.241	0.2500	0	96.4	85	115	05/22/2023
Thallium		0.0500		0.240	0.2500	0	96.0	85	115	05/19/2023
Thallium		0.0500		0.241	0.2500	0	96.2	85	115	05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206255		SampType: MS		Units mg/L						
SampID: 23050523-011CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.14	2.000	0.1068	101.7	75	125	05/20/2023
Arsenic		0.0250		0.523	0.5000	0	104.6	75	125	05/20/2023
Barium		0.0025		2.18	2.000	0.08320	104.7	75	125	05/20/2023
Beryllium		0.0005		0.0519	0.0500	0	103.8	75	125	05/20/2023
Boron		0.0200		0.541	0.5000	0.03950	100.3	75	125	05/20/2023
Cadmium		0.0020		0.0511	0.0500	0	102.2	75	125	05/20/2023
Calcium		0.100	S	91.2	2.500	92.26	-44.0	75	125	05/20/2023
Chromium		0.0050		0.200	0.2000	0	100.0	75	125	05/20/2023
Iron		0.0400		2.69	2.000	0.6362	102.7	75	125	05/20/2023
Lead		0.0150		0.534	0.5000	0	106.9	75	125	05/22/2023
Lithium		0.0050		0.602	0.5000	0	120.3	75	125	05/22/2023
Magnesium		0.0500	S	35.1	2.500	34.12	40.4	75	125	05/20/2023
Manganese		0.0070		0.795	0.5000	0.2936	100.3	75	125	05/20/2023
Molybdenum		0.0100		0.498	0.5000	0	99.7	75	125	05/20/2023
Potassium		0.100		3.27	2.500	0.5795	107.7	75	125	05/20/2023
Silicon	*	0.0500		11.1	0.5000	10.57	99.2	75	125	05/22/2023
Sodium		0.0500	S	79.7	2.500	79.89	-8.4	75	125	05/20/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206255	SampType:	MSD	Units mg/L				RPD Limit: 20			Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Aluminum		0.0250		2.17	2.000	0.1068	103.2	2.141	1.35	05/20/2023	
Arsenic		0.0250		0.538	0.5000	0	107.7	0.5228	2.92	05/20/2023	
Barium		0.0025		2.24	2.000	0.08320	107.7	2.178	2.72	05/20/2023	
Beryllium		0.0005		0.0533	0.0500	0	106.6	0.05190	2.66	05/20/2023	
Boron		0.0200		0.558	0.5000	0.03950	103.8	0.5412	3.11	05/20/2023	
Cadmium		0.0020		0.0523	0.0500	0	104.6	0.05110	2.32	05/20/2023	
Calcium		0.100	S	93.9	2.500	92.26	64.0	91.16	2.92	05/20/2023	
Chromium		0.0050		0.207	0.2000	0	103.4	0.2001	3.29	05/20/2023	
Iron		0.0400		2.75	2.000	0.6362	105.8	2.691	2.24	05/20/2023	
Lead		0.0150		0.516	0.5000	0	103.1	0.5343	3.54	05/22/2023	
Lithium		0.0050		0.579	0.5000	0	115.8	0.6017	3.85	05/22/2023	
Magnesium		0.0500		36.3	2.500	34.12	86.4	35.13	3.22	05/20/2023	
Manganese		0.0070		0.818	0.5000	0.2936	104.8	0.7953	2.75	05/20/2023	
Molybdenum		0.0100		0.511	0.5000	0	102.2	0.4985	2.52	05/20/2023	
Potassium		0.100		3.34	2.500	0.5795	110.5	3.273	2.12	05/20/2023	
Silicon	*	0.0500		11.1	0.5000	10.57	96.7	11.06	0.11	05/22/2023	
Sodium		0.0500		81.8	2.500	79.89	76.8	79.68	2.64	05/20/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/18/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/22/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	05/18/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/22/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/18/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/22/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/18/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/22/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/18/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/18/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/18/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/22/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/18/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/22/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/22/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/18/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	05/18/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/18/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/18/2023
Lithium	*	0.0050	S	0.0187	0.0019	0	984.2	-100	100	05/26/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/18/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/18/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206278 SampType: MBLK Units mg/L

SampleID: MBLK-206278

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/18/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/23/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	05/18/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/26/2023
Silicon	*	0.0500	S	0.0535	0.0122	0	438.5	-100	100	05/22/2023
Silicon	*	0.0500	JS	0.047	0.0122	0	383.6	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/18/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	SampType:	Units	mg/L								
206278	LCS										
SampID: LCS-206278											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250		1.98	2.000	0	99.2	85	115		05/18/2023
Aluminum		0.0250		2.05	2.000	0	102.5	85	115		05/22/2023
Aluminum		0.0250		2.16	2.000	0	107.8	85	115		05/22/2023
Antimony		0.0500		0.505	0.5000	0	101.0	85	115		05/18/2023
Arsenic		0.0250		0.520	0.5000	0	104.1	85	115		05/22/2023
Arsenic		0.0250		0.522	0.5000	0	104.5	85	115		05/18/2023
Barium		0.0025		2.07	2.000	0	103.5	85	115		05/18/2023
Barium		0.0025		2.02	2.000	0	101.0	85	115		05/22/2023
Beryllium		0.0005		0.0511	0.0500	0	102.2	85	115		05/18/2023
Beryllium		0.0005		0.0570	0.0500	0	114.0	85	115		05/22/2023
Boron		0.0200		0.506	0.5000	0	101.3	85	115		05/18/2023
Boron		0.0200		0.518	0.5000	0	103.7	85	115		05/22/2023
Boron		0.0200		0.554	0.5000	0	110.7	85	115		05/22/2023
Cadmium		0.0020		0.0512	0.0500	0	102.4	85	115		05/18/2023
Cadmium		0.0020		0.0480	0.0500	0	96.0	85	115		05/22/2023
Cadmium		0.0020		0.0540	0.0500	0	108.0	85	115		05/22/2023
Calcium		0.100		2.63	2.500	0	105.3	85	115		05/18/2023
Calcium		0.100		2.69	2.500	0	107.5	85	115		05/22/2023
Chromium		0.0050		0.200	0.2000	0	99.8	85	115		05/22/2023
Chromium		0.0050		0.201	0.2000	0	100.5	85	115		05/18/2023
Chromium		0.0050		0.220	0.2000	0	109.8	85	115		05/22/2023
Cobalt		0.0050		0.508	0.5000	0	101.6	85	115		05/18/2023
Iron		0.0400		2.20	2.000	0	109.8	85	115		05/22/2023
Iron		0.0400		2.07	2.000	0	103.5	85	115		05/22/2023
Iron		0.0400		2.07	2.000	0	103.5	85	115		05/18/2023
Lead		0.0150		0.494	0.5000	0	98.7	85	115		05/22/2023
Lead		0.0150		0.536	0.5000	0	107.3	85	115		05/22/2023
Lead		0.0150		0.504	0.5000	0	100.9	85	115		05/18/2023
Lithium	*	0.0050	B	0.550	0.5000	0	109.9	85	115		05/26/2023
Magnesium		0.0500		2.31	2.500	0	92.6	85	115		05/22/2023
Magnesium		0.0500		2.38	2.500	0	95.1	85	115		05/18/2023
Magnesium		0.0500		2.81	2.500	0	112.3	85	115		05/22/2023
Manganese		0.0070		0.517	0.5000	0	103.5	85	115		05/22/2023
Manganese		0.0070		0.552	0.5000	0	110.4	85	115		05/22/2023
Manganese		0.0070		0.510	0.5000	0	101.9	85	115		05/18/2023
Molybdenum		0.0100		0.489	0.5000	0	97.7	85	115		05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206278		SampType: LCS		Units mg/L							
SampID: LCS-206278											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Molybdenum		0.0100		0.492	0.5000	0	98.4	85	115	05/22/2023	
Potassium		0.100		2.77	2.500	0	110.9	85	115	05/22/2023	
Potassium		0.100		2.72	2.500	0	108.7	85	115	05/18/2023	
Potassium		0.100		2.87	2.500	0	114.7	85	115	05/23/2023	
Selenium		0.0400		0.512	0.5000	0	102.4	85	115	05/18/2023	
Silicon	*	0.0500		0.489	0.5000	0	97.8	85	115	05/26/2023	
Silicon	*	0.0500	B	0.571	0.5000	0	114.1	85	115	05/22/2023	
Silicon	*	0.0500	B	0.528	0.5000	0	105.5	85	115	05/22/2023	
Sodium		0.0500		2.60	2.500	0	103.9	85	115	05/22/2023	
Sodium		0.0500		2.66	2.500	0	106.4	85	115	05/22/2023	
Sodium		0.0500		2.52	2.500	0	101.0	85	115	05/18/2023	
Thallium		0.0500		0.243	0.2500	0	97.2	85	115	05/18/2023	

Batch 206278		SampType: MS		Units mg/L							
SampID: 23050523-027CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		4.48	4.000	0.2738	105.2	75	125	05/22/2023	
Arsenic		0.0250		1.06	1.000	0	105.7	75	125	05/22/2023	
Barium		0.0025		4.05	4.000	0.1324	97.9	75	125	05/22/2023	
Beryllium		0.0005		0.100	0.1000	0	100.1	75	125	05/22/2023	
Boron		0.0200		1.29	1.000	0.2321	106.0	75	125	05/22/2023	
Cadmium		0.0020		0.0947	0.1000	0	94.7	75	125	05/22/2023	
Calcium		0.100	S	127	5.000	124.0	57.8	75	125	05/22/2023	
Chromium		0.0050		0.409	0.4000	0	102.2	75	125	05/22/2023	
Iron		0.0400		4.52	4.000	0.2700	106.2	75	125	05/22/2023	
Lead		0.0150		1.00	1.000	0	100.1	75	125	05/22/2023	
Lithium		0.0050		1.01	1.000	0.002400	100.6	75	125	05/22/2023	
Magnesium		0.0500		44.2	5.000	39.90	86.5	75	125	05/22/2023	
Manganese		0.0070		1.50	1.000	0.4216	107.5	75	125	05/22/2023	
Molybdenum		0.0100		1.01	1.000	0.005400	100.8	75	125	05/22/2023	
Potassium		0.100		8.35	5.000	3.423	98.6	75	125	05/22/2023	
Silicon	*	0.0500	S	12.0	1.000	12.22	-25.0	75	125	05/26/2023	
Sodium		0.0500	S	102	5.000	99.12	66.4	75	125	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206278	SampType:	MSD	Units	mg/L	RPD Limit: 20					Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Aluminum		0.0250		4.50	4.000	0.2738	105.7	4.480	0.45	05/22/2023	
Arsenic		0.0250		1.05	1.000	0	104.9	1.057	0.77	05/22/2023	
Barium		0.0025		4.08	4.000	0.1324	98.7	4.050	0.74	05/22/2023	
Beryllium		0.0005		0.0988	0.1000	0	98.8	0.1001	1.31	05/22/2023	
Boron		0.0200		1.30	1.000	0.2321	106.4	1.292	0.33	05/22/2023	
Cadmium		0.0020		0.0965	0.1000	0	96.5	0.09470	1.88	05/22/2023	
Calcium		0.100		129	5.000	124.0	98.8	126.8	1.60	05/22/2023	
Chromium		0.0050		0.409	0.4000	0	102.4	0.4087	0.17	05/22/2023	
Iron		0.0400		4.64	4.000	0.2700	109.3	4.520	2.62	05/22/2023	
Lead		0.0150		1.00	1.000	0	100.4	1.001	0.26	05/22/2023	
Lithium		0.0050		1.01	1.000	0.002400	101.0	1.008	0.40	05/22/2023	
Magnesium		0.0500		44.9	5.000	39.90	100.9	44.23	1.61	05/22/2023	
Manganese		0.0070		1.48	1.000	0.4216	105.8	1.497	1.19	05/22/2023	
Molybdenum		0.0100		1.01	1.000	0.005400	100.7	1.013	0.03	05/22/2023	
Potassium		0.100		8.27	5.000	3.423	97.0	8.352	0.97	05/22/2023	
Silicon	*	0.0500	S	12.3	1.000	12.22	6.0	11.97	2.56	05/26/2023	
Sodium		0.0500		104	5.000	99.12	95.6	102.4	1.42	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	SampType:	Units								
206326	MBLK	mg/L								
SampID: MBLK-206326										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/19/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/19/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/19/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/19/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/22/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/19/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/19/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/22/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/19/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/22/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/19/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/19/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/19/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/19/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/19/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/24/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/19/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/19/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/19/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/19/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/19/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/19/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/19/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/19/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/26/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/19/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/19/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206326 SampType: MBLK Units mg/L

SampleID: MBLK-206326

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/19/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/19/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/19/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/19/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/19/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/19/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/19/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/26/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/19/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/19/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	SampType:	Units								
206326	LCS	mg/L								
SampID: LCS-206326										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.05	2.000	0	102.3	85	115	05/19/2023
Aluminum		0.0250		1.85	2.000	0	92.4	85	115	05/19/2023
Arsenic		0.0250		0.501	0.5000	0	100.1	85	115	05/22/2023
Arsenic		0.0250		0.508	0.5000	0	101.5	85	115	05/19/2023
Arsenic		0.0250		0.541	0.5000	0	108.1	85	115	05/19/2023
Barium		0.0025		2.16	2.000	0	108.0	85	115	05/19/2023
Barium		0.0025		2.03	2.000	0	101.5	85	115	05/19/2023
Barium		0.0025		2.01	2.000	0	100.5	85	115	05/22/2023
Beryllium		0.0005		0.0498	0.0500	0	99.6	85	115	05/22/2023
Beryllium		0.0005		0.0532	0.0500	0	106.4	85	115	05/19/2023
Beryllium		0.0005		0.0498	0.0500	0	99.6	85	115	05/19/2023
Boron		0.0200		0.499	0.5000	0	99.7	85	115	05/22/2023
Boron		0.0200		0.481	0.5000	0	96.1	85	115	05/19/2023
Boron		0.0200		0.515	0.5000	0	102.9	85	115	05/19/2023
Cadmium		0.0020		0.0499	0.0500	0	99.8	85	115	05/22/2023
Cadmium		0.0020		0.0472	0.0500	0	94.4	85	115	05/24/2023
Cadmium		0.0020		0.0541	0.0500	0	108.2	85	115	05/19/2023
Cadmium		0.0020		0.0531	0.0500	0	106.2	85	115	05/19/2023
Calcium		0.100		2.67	2.500	0	106.6	85	115	05/19/2023
Calcium		0.100		2.57	2.500	0	103.0	85	115	05/22/2023
Calcium		0.100		2.49	2.500	0	99.6	85	115	05/19/2023
Chromium		0.0050		0.194	0.2000	0	96.8	85	115	05/22/2023
Chromium		0.0050		0.209	0.2000	0	104.6	85	115	05/19/2023
Chromium		0.0050		0.196	0.2000	0	98.2	85	115	05/19/2023
Iron		0.0400		1.97	2.000	0	98.7	85	115	05/19/2023
Iron		0.0400		1.95	2.000	0	97.5	85	115	05/22/2023
Iron		0.0400		2.11	2.000	0	105.7	85	115	05/19/2023
Lead		0.0150		0.488	0.5000	0	97.5	85	115	05/19/2023
Lead		0.0150		0.548	0.5000	0	109.7	85	115	05/19/2023
Lead		0.0150		0.480	0.5000	0	96.1	85	115	05/22/2023
Lead		0.0150		0.530	0.5000	0	105.9	85	115	05/22/2023
Lithium	*	0.0050		0.574	0.5000	0	114.8	85	115	05/25/2023
Lithium	*	0.0050		0.475	0.5000	0	95.0	85	115	05/22/2023
Magnesium		0.0500		2.61	2.500	0	104.4	85	115	05/19/2023
Magnesium		0.0500		2.25	2.500	0	90.1	85	115	05/22/2023
Magnesium		0.0500		2.37	2.500	0	95.0	85	115	05/19/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206326		SampType: LCS		Units mg/L						
SampID: LCS-206326										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0070		0.492	0.5000	0	98.3	85	115	05/22/2023
Manganese		0.0070		0.527	0.5000	0	105.5	85	115	05/19/2023
Manganese		0.0070		0.477	0.5000	0	95.4	85	115	05/19/2023
Molybdenum		0.0100		0.470	0.5000	0	93.9	85	115	05/19/2023
Molybdenum		0.0100		0.475	0.5000	0	95.0	85	115	05/22/2023
Molybdenum		0.0100		0.508	0.5000	0	101.5	85	115	05/19/2023
Potassium		0.100		2.63	2.500	0	105.1	85	115	05/19/2023
Potassium		0.100		2.65	2.500	0	106.1	85	115	05/19/2023
Potassium		0.100		2.73	2.500	0	109.1	85	115	05/22/2023
Silicon	*	0.0500		0.482	0.5000	0	96.4	85	115	05/25/2023
Silicon	*	0.0500		0.540	0.5000	0	108.0	85	115	05/22/2023
Sodium		0.0500		2.44	2.500	0	97.7	85	115	05/19/2023
Sodium		0.0500		2.53	2.500	0	101.2	85	115	05/22/2023
Sodium		0.0500		2.46	2.500	0	98.5	85	115	05/19/2023

Batch 206326		SampType: MS		Units mg/L						
SampID: 23050523-045CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.46	2.000	0.4205	102.1	75	125	05/19/2023
Arsenic		0.0250		0.554	0.5000	0	110.9	75	125	05/19/2023
Barium		0.0025		2.27	2.000	0.06920	110.2	75	125	05/19/2023
Beryllium		0.0005		0.0543	0.0500	0	108.6	75	125	05/19/2023
Boron		0.0200		1.03	0.5000	0.4842	109.8	75	125	05/19/2023
Cadmium		0.0020		0.0532	0.0500	0	106.4	75	125	05/19/2023
Calcium		0.100	S	150	2.500	143.2	268.0	75	125	05/19/2023
Chromium		0.0050		0.211	0.2000	0	105.6	75	125	05/19/2023
Iron		0.0400		2.60	2.000	0.4629	107.1	75	125	05/19/2023
Lead		0.0150		0.515	0.5000	0	103.0	75	125	05/22/2023
Lithium		0.0050		0.551	0.5000	0.006900	108.8	75	125	05/26/2023
Magnesium		0.0500	S	59.4	2.500	55.50	158.0	75	125	05/19/2023
Manganese		0.0070		0.871	0.5000	0.3253	109.1	75	125	05/19/2023
Molybdenum		0.0100		0.518	0.5000	0	103.7	75	125	05/19/2023
Potassium		0.100		3.32	2.500	0.5142	112.2	75	125	05/19/2023
Silicon	*	0.0500	S	20.0	0.5000	18.99	202.8	75	125	05/22/2023
Sodium		0.0500	S	48.7	2.500	44.53	165.2	75	125	05/19/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206326	SampType:	MSD	Units mg/L				RPD Limit: 20			Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Aluminum		0.0250		2.45	2.000	0.4205	101.3	2.462	0.61	05/20/2023	
Arsenic		0.0250		0.532	0.5000	0	106.3	0.5545	4.24	05/20/2023	
Barium		0.0025		2.20	2.000	0.06920	106.4	2.273	3.40	05/20/2023	
Beryllium		0.0005		0.0525	0.0500	0	105.0	0.05430	3.37	05/20/2023	
Boron		0.0200		0.998	0.5000	0.4842	102.8	1.033	3.42	05/20/2023	
Cadmium		0.0020		0.0515	0.0500	0	103.0	0.05320	3.25	05/20/2023	
Calcium		0.100	S	145	2.500	143.2	60.0	149.9	3.53	05/20/2023	
Chromium		0.0050		0.204	0.2000	0	102.0	0.2111	3.47	05/20/2023	
Iron		0.0400		2.52	2.000	0.4629	103.0	2.604	3.16	05/20/2023	
Lead		0.0150		0.518	0.5000	0	103.5	0.5150	0.52	05/22/2023	
Lithium		0.0050		0.526	0.5000	0.006900	103.9	0.5508	4.57	05/26/2023	
Magnesium		0.0500		57.5	2.500	55.50	81.2	59.45	3.28	05/20/2023	
Manganese		0.0070		0.842	0.5000	0.3253	103.3	0.8707	3.36	05/20/2023	
Molybdenum		0.0100		0.504	0.5000	0	100.7	0.5183	2.88	05/20/2023	
Potassium		0.100		3.22	2.500	0.5142	108.3	3.318	2.97	05/20/2023	
Silicon	*	0.0500		19.5	0.5000	18.99	92.9	20.00	2.79	05/22/2023	
Sodium		0.0500		46.9	2.500	44.53	96.4	48.66	3.60	05/20/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206399		SampType: MBLK		Units mg/L							
SampID: MBLK-206399											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250	S	0.0613	0.0127	0	482.7	-100	100	05/22/2023	
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/26/2023	
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/22/2023	
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/22/2023	
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/22/2023	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/22/2023	
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/22/2023	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/22/2023	
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/22/2023	
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/26/2023	
Iron		0.0400	JS	0.021	0.0200	0	106.5	-100	100	05/22/2023	
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/22/2023	
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/22/2023	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/22/2023	
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/22/2023	
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/22/2023	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/22/2023	
Silicon	*	0.0500	S	0.0579	0.0122	0	474.6	-100	100	05/26/2023	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206399		SampType: LCS		Units mg/L							Date
SampID: LCS-206399											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Aluminum		0.0250		2.27	2.000	0	113.4	85	115	05/26/2023	
Aluminum		0.0250	B	2.11	2.000	0	105.4	85	115	05/22/2023	
Arsenic		0.0250		0.561	0.5000	0	112.1	85	115	05/22/2023	
Barium		0.0025		2.22	2.000	0	111.2	85	115	05/22/2023	
Beryllium		0.0005		0.0559	0.0500	0	111.8	85	115	05/22/2023	
Boron		0.0200		0.546	0.5000	0	109.3	85	115	05/22/2023	
Cadmium		0.0020		0.0537	0.0500	0	107.4	85	115	05/22/2023	
Calcium		0.100		2.80	2.500	0	112.1	85	115	05/22/2023	
Chromium		0.0050		0.217	0.2000	0	108.6	85	115	05/22/2023	
Iron		0.0400		1.98	2.000	0	99.0	85	115	05/26/2023	
Iron		0.0400	B	2.17	2.000	0	108.4	85	115	05/22/2023	
Lead		0.0150		0.538	0.5000	0	107.5	85	115	05/22/2023	
Lithium	*	0.0050	S	0.607	0.5000	0	121.4	85	115	05/22/2023	
Magnesium		0.0500		2.76	2.500	0	110.2	85	115	05/22/2023	
Manganese		0.0070		0.548	0.5000	0	109.6	85	115	05/22/2023	
Molybdenum		0.0100		0.536	0.5000	0	107.2	85	115	05/22/2023	
Potassium		0.100		2.62	2.500	0	104.9	85	115	05/22/2023	
Silicon	*	0.0500	B	0.460	0.5000	0	91.9	85	115	05/26/2023	
Sodium		0.0500		2.55	2.500	0	102.1	85	115	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206399		SampType: MS		Units mg/L						
SampID: 23050523-021CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.18	2.000	0.06170	106.0	75	125	05/26/2023
Arsenic		0.0250		0.571	0.5000	0	114.2	75	125	05/22/2023
Barium		0.0025		2.58	2.000	0.3270	112.9	75	125	05/22/2023
Beryllium		0.0005		0.0572	0.0500	0	114.4	75	125	05/22/2023
Boron		0.0200		1.11	0.5000	0.5596	110.5	75	125	05/22/2023
Cadmium		0.0020		0.0543	0.0500	0	108.6	75	125	05/22/2023
Calcium		0.100	S	85.3	2.500	83.95	54.8	75	125	05/22/2023
Chromium		0.0050		0.222	0.2000	0	110.8	75	125	05/22/2023
Iron		0.0400		2.22	2.000	0.05770	108.3	75	125	05/26/2023
Lead		0.0150		0.541	0.5000	0	108.3	75	125	05/22/2023
Lithium		0.0050		0.605	0.5000	0.06640	107.7	75	125	05/26/2023
Magnesium		0.0500		3.40	2.500	0.6465	110.2	75	125	05/22/2023
Manganese		0.0070		0.554	0.5000	0	110.9	75	125	05/22/2023
Molybdenum		0.0100		0.552	0.5000	0	110.3	75	125	05/22/2023
Potassium		0.100		7.77	2.500	5.006	110.7	75	125	05/22/2023
Silicon	*	0.0500	B	6.61	0.5000	6.195	82.8	75	125	05/26/2023
Sodium		0.0500	S	92.4	2.500	91.15	48.0	75	125	05/22/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206399	SampType:	MSD	Units mg/L				RPD Limit: 20			Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Aluminum		0.0250		2.19	2.000	0.06170	106.5	2.181	0.46	05/26/2023	
Arsenic		0.0250		0.576	0.5000	0	115.2	0.5711	0.82	05/22/2023	
Barium		0.0025		2.62	2.000	0.3270	114.6	2.585	1.31	05/22/2023	
Beryllium		0.0005		0.0582	0.0500	0	116.4	0.05720	1.73	05/22/2023	
Boron		0.0200		1.14	0.5000	0.5596	115.1	1.112	2.05	05/22/2023	
Cadmium		0.0020		0.0550	0.0500	0	110.0	0.05430	1.28	05/22/2023	
Calcium		0.100	S	87.1	2.500	83.95	125.2	85.32	2.04	05/22/2023	
Chromium		0.0050		0.225	0.2000	0	112.6	0.2217	1.52	05/22/2023	
Iron		0.0400		2.27	2.000	0.05770	110.7	2.224	2.09	05/26/2023	
Lead		0.0150		0.548	0.5000	0	109.7	0.5413	1.28	05/22/2023	
Lithium		0.0050		0.609	0.5000	0.06640	108.4	0.6048	0.63	05/26/2023	
Magnesium		0.0500		3.46	2.500	0.6465	112.4	3.402	1.57	05/22/2023	
Manganese		0.0070		0.563	0.5000	0	112.6	0.5544	1.50	05/22/2023	
Molybdenum		0.0100		0.564	0.5000	0	112.7	0.5515	2.19	05/22/2023	
Potassium		0.100		7.93	2.500	5.006	116.9	7.773	1.99	05/22/2023	
Silicon	*	0.0500	B	6.73	0.5000	6.195	106.4	6.609	1.77	05/26/2023	
Sodium		0.0500		94.2	2.500	91.15	120.4	92.35	1.94	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206421 SampType: MBLK Units mg/L

SampID: MBLK-206421

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/26/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/25/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/26/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/25/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/25/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/26/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/25/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/26/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/25/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/26/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/25/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/26/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/25/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/26/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/25/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/24/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/25/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/26/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/25/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/26/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/26/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/26/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/25/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/26/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/25/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/25/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/26/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/26/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/25/2023
Silicon	*	0.0500	JS	0.041	0.0122	0	333.6	-100	100	05/26/2023
Sodium		0.0500	S	0.0699	0.0180	0	388.3	-100	100	05/26/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206421		SampType: LCS		Units mg/L							
SampID: LCS-206421											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250		1.87	2.000	0	93.5	85	115	05/25/2023	
Aluminum		0.0250		2.01	2.000	0	100.6	85	115	05/26/2023	
Arsenic		0.0250		0.526	0.5000	0	105.2	85	115	05/26/2023	
Arsenic		0.0250		0.536	0.5000	0	107.2	85	115	05/25/2023	
Barium		0.0025		1.98	2.000	0	99.0	85	115	05/25/2023	
Barium		0.0025		2.09	2.000	0	104.4	85	115	05/26/2023	
Beryllium		0.0005		0.0507	0.0500	0	101.4	85	115	05/25/2023	
Beryllium		0.0005		0.0518	0.0500	0	103.6	85	115	05/26/2023	
Boron		0.0200		0.502	0.5000	0	100.4	85	115	05/26/2023	
Boron		0.0200		0.497	0.5000	0	99.4	85	115	05/25/2023	
Cadmium		0.0020		0.0509	0.0500	0	101.8	85	115	05/26/2023	
Cadmium		0.0020		0.0518	0.0500	0	103.6	85	115	05/25/2023	
Calcium		0.100		2.63	2.500	0	105.1	85	115	05/26/2023	
Calcium		0.100		2.58	2.500	0	103.1	85	115	05/25/2023	
Chromium		0.0050		0.201	0.2000	0	100.4	85	115	05/25/2023	
Chromium		0.0050		0.203	0.2000	0	101.5	85	115	05/24/2023	
Iron		0.0400		2.07	2.000	0	103.5	85	115	05/25/2023	
Iron		0.0400		2.00	2.000	0	100.2	85	115	05/31/2023	
Lead		0.0150		0.513	0.5000	0	102.5	85	115	05/25/2023	
Lead		0.0150		0.508	0.5000	0	101.5	85	115	05/26/2023	
Lithium	*	0.0050		0.504	0.5000	0	100.7	85	115	05/26/2023	
Magnesium		0.0500		2.49	2.500	0	99.8	85	115	05/25/2023	
Magnesium		0.0500		2.55	2.500	0	102.1	85	115	05/26/2023	
Manganese		0.0070		0.505	0.5000	0	100.9	85	115	05/25/2023	
Manganese		0.0070		0.517	0.5000	0	103.5	85	115	05/26/2023	
Molybdenum		0.0100		0.490	0.5000	0	97.9	85	115	05/25/2023	
Molybdenum		0.0100		0.500	0.5000	0	100.0	85	115	05/26/2023	
Potassium		0.100		2.47	2.500	0	98.9	85	115	05/25/2023	
Potassium		0.100		2.45	2.500	0	98.0	85	115	05/26/2023	
Silicon	*	0.0500	B	0.478	0.5000	0	95.7	85	115	05/26/2023	
Sodium		0.0500	B	2.36	2.500	0	94.3	85	115	05/26/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206421		SampType: MS		Units mg/L						
SampID: 23050523-009BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		0.608	0.5000	0	121.7	75	125	05/26/2023
Barium		0.0025		3.76	2.000	1.276	124.4	75	125	05/26/2023
Beryllium		0.0005		0.0603	0.0500	0.001500	117.6	75	125	05/26/2023
Boron		0.0200		0.642	0.5000	0.06660	115.1	75	125	05/26/2023
Cadmium		0.0020		0.0570	0.0500	0	114.0	75	125	05/26/2023
Calcium		0.100	S	79.4	2.500	70.58	353.2	75	125	05/26/2023
Chromium		0.0050		0.267	0.2000	0.03190	117.4	75	125	05/26/2023
Lead		0.0150		0.586	0.5000	0.01450	114.2	75	125	05/26/2023
Lithium		0.0050		0.602	0.5000	0.02440	115.6	75	125	05/26/2023
Magnesium		0.0500	S	39.2	2.500	36.01	129.6	75	125	05/31/2023
Molybdenum		0.0100		0.546	0.5000	0.004400	108.4	75	125	05/26/2023
Potassium		0.100		6.60	2.500	3.702	115.9	75	125	05/31/2023
Sodium		0.0500	BS	102	2.500	98.65	150.0	75	125	05/31/2023

Batch 206421		SampType: MSD		Units mg/L		RPD Limit: 20				
SampID: 23050523-009BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		0.574	0.5000	0	114.9	0.6085	5.75	05/26/2023
Barium		0.0025		3.57	2.000	1.276	114.9	3.763	5.15	05/26/2023
Beryllium		0.0005		0.0572	0.0500	0.001500	111.4	0.06030	5.28	05/26/2023
Boron		0.0200		0.615	0.5000	0.06660	109.7	0.6420	4.31	05/26/2023
Cadmium		0.0020		0.0544	0.0500	0	108.8	0.05700	4.67	05/26/2023
Calcium		0.100	S	75.0	2.500	70.58	174.8	79.41	5.78	05/26/2023
Chromium		0.0050		0.254	0.2000	0.03190	110.8	0.2666	5.00	05/26/2023
Lead		0.0150		0.559	0.5000	0.01450	108.9	0.5857	4.70	05/26/2023
Lithium		0.0050		0.567	0.5000	0.02440	108.6	0.6023	5.98	05/26/2023
Magnesium		0.0500	S	39.3	2.500	36.01	130.4	39.25	0.05	05/31/2023
Molybdenum		0.0100		0.521	0.5000	0.004400	103.3	0.5463	4.78	05/26/2023
Potassium		0.100		6.56	2.500	3.702	114.3	6.600	0.61	05/31/2023
Sodium		0.0500	BS	103	2.500	98.65	162.0	102.4	0.29	05/31/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206524 SampType: MBLK Units mg/L

SampID: MBLK-206524

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/24/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/24/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/25/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/27/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/27/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/25/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/24/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/24/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/25/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/27/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/24/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/24/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/27/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/25/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/24/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/24/2023
Boron		0.0200		< 0.0200	0.0130	0	0	-100	100	05/24/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/27/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/24/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/24/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/27/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/25/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/24/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/24/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/27/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/24/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/25/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/24/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/27/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/24/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/25/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/27/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/24/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/24/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/24/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/27/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206524 SampType: MBLK Units mg/L

SampID: MBLK-206524

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/24/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/25/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/24/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/27/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/27/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/24/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/24/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/25/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/27/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/24/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/24/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/25/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/25/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/24/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/27/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/24/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/25/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/24/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/24/2023
Silicon	*	0.0500		< 0.0500	0.0400	0	0	-100	100	05/25/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/27/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/27/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/24/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/24/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/25/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206524	SampType:	LCS	Units	mg/L						Date
SampID:	LCS-206524										Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250		1.95	2.000	0	97.4	85	115	05/24/2023	
Aluminum		0.0250		2.01	2.000	0	100.5	85	115	05/25/2023	
Aluminum		0.0250		1.93	2.000	0	96.4	85	115	05/24/2023	
Aluminum		0.0250		2.07	2.000	0	103.6	85	115	05/27/2023	
Arsenic		0.0250		0.548	0.5000	0	109.6	85	115	05/27/2023	
Arsenic		0.0250		0.526	0.5000	0	105.2	85	115	05/25/2023	
Arsenic		0.0250		0.529	0.5000	0	105.8	85	115	05/24/2023	
Arsenic		0.0250		0.522	0.5000	0	104.4	85	115	05/24/2023	
Barium		0.0025		2.03	2.000	0	101.4	85	115	05/25/2023	
Barium		0.0025		2.19	2.000	0	109.6	85	115	05/27/2023	
Barium		0.0025		2.01	2.000	0	100.5	85	115	05/24/2023	
Barium		0.0025		2.05	2.000	0	102.5	85	115	05/24/2023	
Beryllium		0.0005		0.0534	0.0500	0	106.8	85	115	05/27/2023	
Beryllium		0.0005		0.0521	0.0500	0	104.2	85	115	05/25/2023	
Beryllium		0.0005		0.0496	0.0500	0	99.2	85	115	05/24/2023	
Beryllium		0.0005		0.0508	0.0500	0	101.6	85	115	05/24/2023	
Boron		0.0200		0.517	0.5000	0	103.4	85	115	05/27/2023	
Boron		0.0200		0.506	0.5000	0	101.1	85	115	05/24/2023	
Boron		0.0200		0.520	0.5000	0	104.0	85	115	05/24/2023	
Cadmium		0.0020		0.0525	0.0500	0	105.0	85	115	05/27/2023	
Cadmium		0.0020		0.0472	0.0500	0	94.4	85	115	05/25/2023	
Cadmium		0.0020		0.0513	0.0500	0	102.6	85	115	05/24/2023	
Cadmium		0.0020		0.0493	0.0500	0	98.6	85	115	05/24/2023	
Calcium		0.100		2.74	2.500	0	109.6	85	115	05/27/2023	
Calcium		0.100		2.59	2.500	0	103.5	85	115	05/24/2023	
Calcium		0.100		2.57	2.500	0	103.0	85	115	05/24/2023	
Chromium		0.0050		0.203	0.2000	0	101.5	85	115	05/25/2023	
Chromium		0.0050		0.199	0.2000	0	99.6	85	115	05/24/2023	
Chromium		0.0050		0.211	0.2000	0	105.4	85	115	05/27/2023	
Chromium		0.0050		0.203	0.2000	0	101.4	85	115	05/24/2023	
Iron		0.0400		2.05	2.000	0	102.5	85	115	05/25/2023	
Iron		0.0400		2.00	2.000	0	99.8	85	115	05/24/2023	
Iron		0.0400		2.13	2.000	0	106.4	85	115	05/27/2023	
Iron		0.0400		2.11	2.000	0	105.5	85	115	05/24/2023	
Lead		0.0150		0.492	0.5000	0	98.5	85	115	05/24/2023	
Lead		0.0150		0.524	0.5000	0	104.7	85	115	05/27/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206524		SampType: LCS		Units mg/L						
SampID: LCS-206524										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0150		0.504	0.5000	0	100.9	85	115	05/24/2023
Lead		0.0150		0.491	0.5000	0	98.3	85	115	05/25/2023
Lithium	*	0.0050		0.488	0.5000	0	97.6	85	115	05/24/2023
Lithium	*	0.0050		0.509	0.5000	0	101.9	85	115	05/27/2023
Magnesium		0.0500		2.56	2.500	0	102.4	85	115	05/25/2023
Magnesium		0.0500		2.39	2.500	0	95.5	85	115	05/24/2023
Magnesium		0.0500		2.61	2.500	0	104.5	85	115	05/27/2023
Magnesium		0.0500		2.44	2.500	0	97.6	85	115	05/24/2023
Manganese		0.0070		0.535	0.5000	0	107.1	85	115	05/27/2023
Manganese		0.0070		0.512	0.5000	0	102.5	85	115	05/25/2023
Manganese		0.0070		0.512	0.5000	0	102.3	85	115	05/24/2023
Manganese		0.0070		0.508	0.5000	0	101.6	85	115	05/24/2023
Molybdenum		0.0100		0.522	0.5000	0	104.5	85	115	05/27/2023
Molybdenum		0.0100		0.498	0.5000	0	99.7	85	115	05/25/2023
Molybdenum		0.0100		0.494	0.5000	0	98.9	85	115	05/24/2023
Molybdenum		0.0100		0.486	0.5000	0	97.1	85	115	05/24/2023
Potassium		0.100		2.54	2.500	0	101.4	85	115	05/25/2023
Potassium		0.100		2.77	2.500	0	111.0	85	115	05/24/2023
Potassium		0.100		2.70	2.500	0	107.9	85	115	05/24/2023
Silicon	*	0.0500		0.566	0.5000	0	113.2	85	115	05/25/2023
Silicon	*	0.0500		0.467	0.5000	0	93.4	85	115	05/27/2023
Sodium		0.0500		2.50	2.500	0	100.0	85	115	05/24/2023
Sodium		0.0500		2.25	2.500	0	90.0	85	115	05/25/2023
Sodium		0.0500		2.58	2.500	0	103.3	85	115	05/24/2023
Sodium		0.0500		2.39	2.500	0	95.5	85	115	05/27/2023

Batch 206524		SampType: MS		Units mg/L						
SampID: 23050523-002CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		2.17	2.000	0.05480	105.8	75	125	05/24/2023
Manganese		0.0070		0.596	0.5000	0.08430	102.4	75	125	05/24/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	206524	SampType:	MSD	Units mg/L							RPD Limit: 20
SampID: 23050523-002CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Iron		0.0400		2.11	2.000	0.05480	102.8	2.170	2.80	05/24/2023	
Manganese		0.0070		0.581	0.5000	0.08430	99.4	0.5964	2.56	05/24/2023	

Batch	206553	SampType:	MBLK	Units mg/L							
SampID: MBLK-206553											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/25/2023	
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/25/2023	
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/25/2023	
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/25/2023	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/26/2023	
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/25/2023	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/25/2023	
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/25/2023	
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/25/2023	
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/25/2023	
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/25/2023	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/25/2023	
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/25/2023	
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/25/2023	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/25/2023	
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/25/2023	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/25/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206553		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206553											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		1.99	2.000	0	99.6	85	115	05/25/2023	
Arsenic		0.0250		0.506	0.5000	0	101.2	85	115	05/25/2023	
Barium		0.0025		2.08	2.000	0	104.0	85	115	05/25/2023	
Beryllium		0.0005		0.0508	0.0500	0	101.6	85	115	05/25/2023	
Boron		0.0200		0.503	0.5000	0	100.6	85	115	05/31/2023	
Cadmium		0.0020		0.0490	0.0500	0	98.0	85	115	05/25/2023	
Calcium		0.100		2.63	2.500	0	105.2	85	115	05/25/2023	
Chromium		0.0050		0.196	0.2000	0	98.0	85	115	05/25/2023	
Iron		0.0400		1.98	2.000	0	99.2	85	115	05/25/2023	
Lead		0.0150		0.500	0.5000	0	100.1	85	115	05/25/2023	
Lithium	*	0.0050		0.557	0.5000	0	111.3	85	115	05/25/2023	
Magnesium		0.0500		2.50	2.500	0	100.0	85	115	05/25/2023	
Manganese		0.0070		0.494	0.5000	0	98.9	85	115	05/25/2023	
Molybdenum		0.0100		0.483	0.5000	0	96.6	85	115	05/25/2023	
Potassium		0.100		2.49	2.500	0	99.6	85	115	05/25/2023	
Silicon	*	0.0500		0.472	0.5000	0	94.4	85	115	05/25/2023	
Sodium		0.0500		2.37	2.500	0	94.9	85	115	05/25/2023	

Batch 206553		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-014BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic		0.0250		0.513	0.5000	0	102.6	75	125	05/25/2023	
Barium		0.0025		2.15	2.000	0.09220	102.7	75	125	05/25/2023	
Beryllium		0.0005		0.0506	0.0500	0	101.2	75	125	05/25/2023	
Boron		0.0200		1.32	0.5000	0.7538	112.2	75	125	05/26/2023	
Cadmium		0.0020		0.0488	0.0500	0	97.6	75	125	05/25/2023	
Calcium		0.100	S	48.8	2.500	43.36	218.4	75	125	05/25/2023	
Chromium		0.0050		0.197	0.2000	0	98.4	75	125	05/25/2023	
Lead		0.0150		0.497	0.5000	0	99.4	75	125	05/25/2023	
Lithium		0.0050		0.590	0.5000	0.04470	109.0	75	125	05/25/2023	
Magnesium		0.0500	S	18.4	2.500	14.87	139.6	75	125	05/25/2023	
Molybdenum		0.0100		0.489	0.5000	0.007500	96.4	75	125	05/25/2023	
Potassium		0.100		5.47	2.500	2.673	112.0	75	125	05/25/2023	
Sodium		0.0500	S	242	2.500	226.0	644.0	75	125	05/25/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206553		SampType: MSD		Units mg/L			RPD Limit: 20			
SampID: 23050523-014BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0250		0.508	0.5000	0	101.5	0.5129	1.02	05/25/2023
Barium		0.0025		2.14	2.000	0.09220	102.5	2.146	0.19	05/25/2023
Beryllium		0.0005		0.0507	0.0500	0	101.4	0.05060	0.20	05/25/2023
Boron		0.0200		1.32	0.5000	0.7538	113.4	1.315	0.46	05/26/2023
Cadmium		0.0020		0.0488	0.0500	0	97.6	0.04880	0.00	05/25/2023
Calcium		0.100	S	49.4	2.500	43.36	243.2	48.82	1.26	05/25/2023
Chromium		0.0050		0.196	0.2000	0	98.0	0.1967	0.41	05/25/2023
Lead		0.0150		0.497	0.5000	0	99.5	0.4968	0.12	05/25/2023
Lithium		0.0050		0.590	0.5000	0.04470	109.1	0.5897	0.08	05/25/2023
Magnesium		0.0500	S	18.5	2.500	14.87	146.8	18.36	0.98	05/25/2023
Molybdenum		0.0100		0.489	0.5000	0.007500	96.4	0.4893	0.00	05/25/2023
Potassium		0.100		5.50	2.500	2.673	113.0	5.474	0.42	05/25/2023
Sodium		0.0500	S	245	2.500	226.0	752.0	242.1	1.11	05/25/2023

Batch 206614		SampType: MBLK		Units mg/L						
SampID: MBLK-206614										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/26/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/26/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/26/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/26/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/26/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/26/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/26/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/26/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/26/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/26/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/26/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/26/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/26/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/26/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	05/26/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	05/26/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/26/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206614 SampType: LCS Units mg/L

SampID: LCS-206614

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.04	2.000	0	102.0	85	115	05/27/2023
Arsenic		0.0250		0.536	0.5000	0	107.3	85	115	05/27/2023
Barium		0.0025		2.13	2.000	0	106.7	85	115	05/27/2023
Beryllium		0.0005		0.0526	0.0500	0	105.2	85	115	05/27/2023
Boron		0.0200		0.511	0.5000	0	102.2	85	115	05/27/2023
Cadmium		0.0020		0.0517	0.0500	0	103.4	85	115	05/27/2023
Calcium		0.100		2.69	2.500	0	107.8	85	115	05/27/2023
Chromium		0.0050		0.208	0.2000	0	104.2	85	115	05/27/2023
Iron		0.0400		2.10	2.000	0	105.0	85	115	05/27/2023
Lead		0.0150		0.516	0.5000	0	103.3	85	115	05/27/2023
Lithium	*	0.0050		0.507	0.5000	0	101.5	85	115	05/27/2023
Magnesium		0.0500		2.59	2.500	0	103.7	85	115	05/27/2023
Manganese		0.0070		0.528	0.5000	0	105.6	85	115	05/27/2023
Molybdenum		0.0100		0.513	0.5000	0	102.7	85	115	05/27/2023
Potassium		0.100		2.48	2.500	0	99.3	85	115	05/27/2023
Silicon	*	0.0500		0.459	0.5000	0	91.7	85	115	05/27/2023
Sodium		0.0500		2.37	2.500	0	94.6	85	115	05/27/2023



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	SampType:	Units	mg/L							RPD Limit:	Date
206614	LCSD									20	Analyzed
SampID: LCSD-206614											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date	
Aluminum		0.0250		2.08	2.000	0	104.1	2.040	2.04	05/27/2023	
Arsenic		0.0250		0.542	0.5000	0	108.3	0.5365	0.95	05/27/2023	
Barium		0.0025		2.17	2.000	0	108.4	2.134	1.53	05/27/2023	
Beryllium		0.0005		0.0533	0.0500	0	106.6	0.05260	1.32	05/27/2023	
Boron		0.0200		0.524	0.5000	0	104.7	0.5111	2.40	05/27/2023	
Cadmium		0.0020		0.0524	0.0500	0	104.8	0.05170	1.34	05/27/2023	
Calcium		0.100		2.71	2.500	0	108.4	2.694	0.59	05/27/2023	
Chromium		0.0050		0.212	0.2000	0	106.0	0.2085	1.71	05/27/2023	
Iron		0.0400		2.13	2.000	0	106.4	2.099	1.42	05/27/2023	
Lead		0.0150		0.525	0.5000	0	105.1	0.5163	1.75	05/27/2023	
Lithium	*	0.0050		0.513	0.5000	0	102.6	0.5074	1.12	05/27/2023	
Magnesium		0.0500		2.62	2.500	0	104.7	2.593	0.92	05/27/2023	
Manganese		0.0070		0.536	0.5000	0	107.2	0.5280	1.54	05/27/2023	
Molybdenum		0.0100		0.520	0.5000	0	104.0	0.5134	1.32	05/27/2023	
Potassium		0.100		2.51	2.500	0	100.6	2.483	1.24	05/27/2023	
Silicon	*	0.0500		0.478	0.5000	0	95.7	0.4587	4.20	05/27/2023	
Sodium		0.0500		2.40	2.500	0	95.8	2.366	1.26	05/27/2023	



Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 206685 SampType: MBLK Units mg/L

SampID: MBLK-206685

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/05/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	05/31/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/05/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	05/31/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/05/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	05/31/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	05/31/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/05/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	05/31/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/05/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	05/31/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/05/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	05/31/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/05/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	05/31/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/05/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	05/31/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	05/31/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	06/05/2023
Lithium	*	0.0050		< 0.0050	0.0019	0	0	-100	100	05/31/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/05/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	05/31/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/05/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	05/31/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	05/31/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/05/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/05/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/05/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	05/31/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.91	2.000	0	95.7	85	115	06/05/2023
Aluminum		0.0250		1.95	2.000	0	97.5	85	115	05/31/2023
Arsenic		0.0250		0.524	0.5000	0	104.8	85	115	06/05/2023
Arsenic		0.0250		0.513	0.5000	0	102.5	85	115	05/31/2023
Barium		0.0025		2.03	2.000	0	101.5	85	115	06/05/2023
Barium		0.0025		2.02	2.000	0	100.8	85	115	05/31/2023
Beryllium		0.0005		0.0507	0.0500	0	101.4	85	115	05/31/2023
Boron		0.0200		0.499	0.5000	0	99.7	85	115	06/05/2023
Boron		0.0200		0.493	0.5000	0	98.5	85	115	05/31/2023
Cadmium		0.0020		0.0526	0.0500	0	105.2	85	115	06/05/2023
Cadmium		0.0020		0.0502	0.0500	0	100.4	85	115	05/31/2023
Calcium		0.100		2.54	2.500	0	101.6	85	115	06/05/2023
Calcium		0.100		2.53	2.500	0	101.1	85	115	05/31/2023
Chromium		0.0050		0.199	0.2000	0	99.3	85	115	06/05/2023
Chromium		0.0050		0.198	0.2000	0	99.2	85	115	05/31/2023
Iron		0.0400		2.08	2.000	0	104.0	85	115	06/05/2023
Iron		0.0400		1.97	2.000	0	98.6	85	115	05/31/2023
Lead		0.0150		0.501	0.5000	0	100.1	85	115	06/05/2023
Lead		0.0150		0.511	0.5000	0	102.1	85	115	05/31/2023
Lithium		0.0050		0.526	0.5000	0	105.3	85	115	05/31/2023
Magnesium		0.0500		2.43	2.500	0	97.1	85	115	06/05/2023
Magnesium		0.0500		2.60	2.500	0	104.1	85	115	05/31/2023
Manganese		0.0070		0.499	0.5000	0	99.9	85	115	06/05/2023
Manganese		0.0070		0.498	0.5000	0	99.6	85	115	05/31/2023
Molybdenum		0.0100		0.486	0.5000	0	97.2	85	115	06/05/2023
Molybdenum		0.0100		0.472	0.5000	0	94.3	85	115	05/31/2023
Potassium		0.100		2.59	2.500	0	103.5	85	115	06/05/2023
Sodium		0.0500		2.50	2.500	0	100.2	85	115	06/05/2023
Sodium		0.0500		2.33	2.500	0	93.3	85	115	05/31/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206255 SampType: MBLK Units mg/L

SampID: MBLK-206255

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/17/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/17/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/17/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/17/2023

Batch 206255 SampType: LCS Units mg/L

SampID: LCS-206255

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.502	0.5000	0	100.3	80	120	05/17/2023
Cobalt		0.0010		0.478	0.5000	0	95.5	80	120	05/17/2023
Selenium		0.0010		0.500	0.5000	0	99.9	80	120	05/18/2023
Thallium		0.0020		0.234	0.2500	0	93.6	80	120	05/17/2023

Batch 206255 SampType: MS Units mg/L

SampID: 23050523-011CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	0.635	0.5000	0	127.0	75	125	05/17/2023
Cobalt		0.0010		0.596	0.5000	0.0004864	119.1	75	125	05/17/2023
Selenium		0.0010		0.488	0.5000	0	97.7	75	125	05/18/2023
Thallium		0.0020		0.279	0.2500	0	111.7	75	125	05/17/2023

Batch 206255 SampType: MSD Units mg/L

RPD Limit: 20

SampID: 23050523-011CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.602	0.5000	0	120.5	0.6350	5.26	05/17/2023
Cobalt		0.0010	S	0.626	0.5000	0.0004864	125.1	0.5959	4.91	05/17/2023
Selenium		0.0010		0.496	0.5000	0	99.2	0.4883	1.54	05/18/2023
Thallium		0.0020		0.307	0.2500	0	122.7	0.2792	9.45	05/17/2023

Batch 206278 SampType: MBLK Units mg/L

SampID: MBLK-206278

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/18/2023
Cobalt		0.0010		< 0.0010	0.0003	0	0	-100	100	05/18/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/18/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/18/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206278		SampType: LCS		Units mg/L							
SampID: LCS-206278											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.514	0.5000	0	102.7	80	120	05/18/2023	
Cobalt		0.0010		0.521	0.5000	0	104.1	80	120	05/18/2023	
Selenium		0.0010		0.541	0.5000	0	108.3	80	120	05/19/2023	
Thallium		0.0020		0.255	0.2500	0	102.1	80	120	05/18/2023	

Batch 206278		SampType: MS		Units mg/L							
SampID: 23050523-027CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		1.17	1.000	0	116.8	75	125	05/18/2023	
Cobalt		0.0010		1.01	1.000	0.002143	100.4	75	125	05/18/2023	
Selenium		0.0010		1.00	1.000	0	100.3	75	125	05/18/2023	
Thallium		0.0020		0.538	0.5000	0	107.6	75	125	05/18/2023	

Batch 206278		SampType: MSD		Units mg/L						RPD Limit: 20		Date Analyzed
SampID: 23050523-027CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010		1.19	1.000	0	119.0	1.168	1.83	05/18/2023		
Cobalt		0.0010		1.01	1.000	0.002143	101.3	1.006	0.89	05/18/2023		
Selenium		0.0010		0.996	1.000	0	99.6	1.003	0.63	05/18/2023		
Thallium		0.0020		0.538	0.5000	0	107.7	0.5380	0.09	05/18/2023		

Batch 206326		SampType: MBLK		Units mg/L							
SampID: MBLK-206326											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/19/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/19/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/19/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/19/2023	

Batch 206326		SampType: LCS		Units mg/L							
SampID: LCS-206326											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.496	0.5000	0	99.2	80	120	05/22/2023	
Cobalt		0.0010		0.498	0.5000	0	99.7	80	120	05/19/2023	
Selenium		0.0010		0.511	0.5000	0	102.1	80	120	05/22/2023	
Thallium		0.0020		0.243	0.2500	0	97.4	80	120	05/19/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206326		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-045CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.494	0.5000	0	98.9	75	125	05/22/2023	
Cobalt		0.0010		0.500	0.5000	0.0007559	99.9	75	125	05/19/2023	
Selenium		0.0010		0.515	0.5000	0	103.0	75	125	05/22/2023	
Thallium		0.0020		0.258	0.2500	0	103.2	75	125	05/19/2023	

Batch 206326		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23050523-045CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010		0.481	0.5000	0	96.1	0.4944	2.80	05/22/2023		
Cobalt		0.0010		0.464	0.5000	0.0007559	92.7	0.5001	7.40	05/19/2023		
Selenium		0.0010		0.486	0.5000	0	97.3	0.5151	5.72	05/22/2023		
Thallium		0.0020		0.249	0.2500	0	99.6	0.2581	3.54	05/19/2023		

Batch 206399		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206399											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/22/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/22/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/22/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/22/2023	

Batch 206399		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206399											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.535	0.5000	0	106.9	80	120	05/22/2023	
Cobalt		0.0010		0.554	0.5000	0	110.8	80	120	05/22/2023	
Selenium		0.0010		0.556	0.5000	0	111.2	80	120	05/22/2023	
Thallium		0.0020		0.271	0.2500	0	108.4	80	120	05/22/2023	

Batch 206399		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-021CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.484	0.5000	0.001086	96.5	75	125	05/22/2023	
Cobalt		0.0010		0.479	0.5000	0	95.8	75	125	05/22/2023	
Selenium		0.0010		0.493	0.5000	0	98.6	75	125	05/22/2023	
Thallium		0.0020		0.242	0.2500	0	96.8	75	125	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206399		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 23050523-021CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		0.488	0.5000	0.001086	97.3	0.4836	0.83	05/22/2023	
Cobalt		0.0010		0.487	0.5000	0	97.5	0.4789	1.75	05/22/2023	
Selenium		0.0010		0.501	0.5000	0	100.2	0.4928	1.66	05/22/2023	
Thallium		0.0020		0.247	0.2500	0	98.7	0.2419	1.95	05/22/2023	

Batch 206421		SampType: MBLK		Units mg/L							
SampID: MBLK-206421											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/23/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/23/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/23/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/23/2023	

Batch 206421		SampType: LCS		Units mg/L							
SampID: LCS-206421											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.484	0.5000	0	96.8	80	120	05/23/2023	
Cobalt		0.0010		0.476	0.5000	0	95.3	80	120	05/23/2023	
Selenium		0.0010		0.496	0.5000	0	99.1	80	120	05/23/2023	
Thallium		0.0020		0.231	0.2500	0	92.3	80	120	05/23/2023	

Batch 206421		SampType: MS		Units mg/L							
SampID: 23050523-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cobalt		0.0010		0.423	0.5000	0.005863	83.5	75	125	05/23/2023	
Selenium		0.0010		0.439	0.5000	0	87.8	75	125	05/23/2023	
Thallium		0.0020		0.213	0.2500	0	85.3	75	125	05/23/2023	

Batch 206421		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 23050523-009BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cobalt		0.0010		0.440	0.5000	0.005863	86.8	0.4235	3.85	05/23/2023	
Selenium		0.0010		0.448	0.5000	0	89.5	0.4389	1.94	05/23/2023	
Thallium		0.0020		0.227	0.2500	0	91.0	0.2132	6.44	05/23/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206524 SampType: MBLK Units mg/L

SampID: MBLK-206524

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/25/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/25/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/25/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/25/2023

Batch 206524 SampType: LCS Units mg/L

SampID: LCS-206524

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.469	0.5000	0	93.8	80	120	05/25/2023
Cobalt		0.0010		0.468	0.5000	0	93.7	80	120	05/25/2023
Selenium		0.0010		0.481	0.5000	0	96.1	80	120	05/25/2023
Thallium		0.0020		0.226	0.2500	0	90.6	80	120	05/25/2023

Batch 206553 SampType: MBLK Units mg/L

SampID: MBLK-206553

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/27/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/27/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/27/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/27/2023

Batch 206553 SampType: LCS Units mg/L

SampID: LCS-206553

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.500	0.5000	0	100.0	85	115	05/27/2023
Cobalt		0.0010		0.506	0.5000	0	101.2	85	115	05/27/2023
Selenium		0.0010		0.501	0.5000	0	100.2	85	115	05/27/2023
Thallium		0.0020		0.238	0.2500	0	95.3	85	115	05/27/2023

Batch 206553 SampType: MS Units mg/L

SampID: 23050523-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.502	0.5000	0.003551	99.7	75	125	05/27/2023
Cobalt		0.0010		0.487	0.5000	0.0003913	97.3	75	125	05/27/2023
Selenium		0.0010		0.481	0.5000	0	96.1	75	125	05/27/2023
Thallium		0.0020		0.237	0.2500	0	94.8	75	125	05/27/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 206553		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 23050523-014BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		0.503	0.5000	0.003551	99.9	0.5019	0.23	05/27/2023	
Cobalt		0.0010		0.492	0.5000	0.0003913	98.3	0.4868	1.01	05/27/2023	
Selenium		0.0010		0.483	0.5000	0	96.6	0.4806	0.50	05/27/2023	
Thallium		0.0020		0.236	0.2500	0	94.5	0.2370	0.33	05/27/2023	

Batch 206614		SampType: MBLK		Units mg/L							
SampID: MBLK-206614											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	05/26/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	05/30/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	05/26/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	05/30/2023	

Batch 206614		SampType: LCS		Units mg/L							
SampID: LCS-206614											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.522	0.5000	0	104.3	85	115	05/26/2023	
Cobalt		0.0010		0.523	0.5000	0	104.7	85	115	05/30/2023	
Selenium		0.0010		0.550	0.5000	0	110.0	85	115	05/26/2023	
Thallium		0.0020		0.254	0.2500	0	101.5	85	115	05/30/2023	

Batch 206614		SampType: LCSD		Units mg/L				RPD Limit: 20			
SampID: LCSD-206614											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		0.492	0.5000	0	98.3	0.5217	5.96	05/26/2023	
Cobalt		0.0010		0.535	0.5000	0	107.1	0.5233	2.30	05/30/2023	
Selenium		0.0010		0.522	0.5000	0	104.4	0.5498	5.16	05/26/2023	
Thallium		0.0020		0.254	0.2500	0	101.6	0.2538	0.07	05/30/2023	

Batch 206614		SampType: MS		Units mg/L							
SampID: 23050523-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.834	1.000	0	83.4	75	125	05/26/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch	206614	SampType:	MSD	Units mg/L			RPD Limit: 20				Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		0.0010		0.866	1.000	0	86.6	0.8340	3.82	05/26/2023	

SW-846 7470A (TOTAL)

Batch	206267	SampType:	MBLK	Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/17/2023	

Batch	206267	SampType:	LCS	Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00451	0.0050	0	90.2	85	115	05/17/2023	

Batch	206267	SampType:	MS	Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00442	0.0050	0	88.5	75	125	05/17/2023	

Batch	206267	SampType:	MSD	Units mg/L			RPD Limit: 15				Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury		0.00020		0.00433	0.0050	0	86.6	0.004424	2.17	05/17/2023	

Batch	206322	SampType:	MBLK	Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/19/2023	

Batch	206322	SampType:	LCS	Units mg/L							Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00441	0.0050	0	88.2	85	115	05/19/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 7470A (TOTAL)

Batch 206322		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-026CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00489	0.0050	0	97.8	75	125	05/19/2023	

Batch 206322		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-026CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00449	0.0050	0	89.8	0.004890	8.49	05/19/2023		

Batch 206403		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206403											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/22/2023	

Batch 206403		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206403											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00532	0.0050	0	106.4	85	115	05/22/2023	

Batch 206403		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-029CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00515	0.0050	0	102.9	75	125	05/22/2023	

Batch 206403		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-029CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00493	0.0050	0	98.6	0.005145	4.27	05/22/2023		

Batch 206426		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206426											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/22/2023	

Batch 206426		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206426											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00521	0.0050	0	104.3	85	115	05/22/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050523
Report Date: 19-Jun-23

SW-846 7470A (TOTAL)

Batch 206426		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-025CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00444	0.0050	0	88.8	75	125	05/22/2023	

Batch 206426		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-025CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00428	0.0050	0	85.5	0.004441	3.78	05/22/2023		

Batch 206529		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206529											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/24/2023	

Batch 206529		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206529											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00520	0.0050	0	103.9	85	115	05/24/2023	

Batch 206529		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-033CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00488	0.0050	0	97.5	75	125	05/24/2023	

Batch 206529		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-033CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00489	0.0050	0	97.8	0.004876	0.28	05/24/2023		

Batch 206550		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-206550											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	05/25/2023	

Batch 206550		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-206550											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00478	0.0050	0	95.5	85	115	05/25/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

SW-846 7470A (TOTAL)

Batch 206550		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-054CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00493	0.0050	0	98.7	75	125	05/25/2023	

Batch 206550		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23050523-054CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00488	0.0050	0	97.6	0.004934	1.12	05/25/2023		



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Carrier: Tracy Carroll

Received By: TWM

Completed by:

Reviewed by:

On:

24-May-23

Timothy W. Mathis

On:

25-May-23

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 9.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input checked="" type="checkbox"/>	Lab <input type="checkbox"/>	NA <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Any No responses must be detailed below or on the COC.

pH strip #88374. - TWM/acolin - 5/15/2023 Temp 5.6 LTG 5

pH strip #88374. - CET/acolin - 5/16/2023 Temp 8.2 LTG 5

pH strip #88374. - TWM/acolin - 5/17/2023 Temp 6.2 LTG 5

pH strip #88374. - TWM/acolin - 5/18/2023 Temp 14.2 LTG 5

pH strip #88374. - CET/acolin - 5/19/2023 Temp 11.2 LTG 5

pH strip #88374. - acolin - 5/22/2023 Temp 10.2 LTG 5

pH strip #88374. - TWM/acolin - 5/23/2023 Temp 9.0 LTG 5

23090923

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 4

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	REGULATORY AGENCY		
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey	NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Company Name: Vistra Corp	UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Address: see Section A	Site Location		
Phone: (217) 753-8911 Fax:	Project Name:	Quote Reference:	STATE: IL		
Requested Due Date/TAT: 10 day	Project Number: 2285	Project Manager:			
		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED										Requested Analysis Filtered (Y/N)									Residual Chlorine (Y/N)	Project No./ Lab I.D.	
					DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000			BAL_WPCP_605
									Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other										
									Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N										
1	BAL_MW-258						2	1	1																23050523 - 017	
2	BAL_MW-304						6	2	2	2							✓	✓	✓							018
3	BAL_MW-306						6	2	2	2							✓	✓	✓							019
4	BAL_MW-307						2	1	1									✓								020
5	BAL_MW-350						6	2	2	2								✓	✓	✓						021
6	BAL_MW-352						6	2	2	2									✓	✓	✓					022
7	BAL_MW-355						4	2	2	2										✓						023
8	BAL_MW-356						6	2	2	2							✓				✓					024
9	BAL_MW-358						6	2	2	2										✓						025
10	BAL_MW-366						6	2	2	2								✓			✓					026
11	BAL_MW-369						6	2	2	2								✓			✓					027
12	BAL_MW-370						6	2	2	2								✓			✓					028
13	BAL_MW-375						6	2	2	2								✓			✓					029
14	BAL_MW-377						6	2	2	2								✓			✓					030
15	BAL_MW-382						6	2	2	2								✓			✓					031
16	BAL_MW-383						6	2	2	2								✓	✓	✓		✓				032

ADDITIONAL COMMENTS BAL-23Q2-Rev 2	RELINQUISHED BY / AFFILIATION <i>Mary Carroll</i>	DATE 5/15/23	TIME 1805	ACCEPTED BY / AFFILIATION <i>Elizabetta & Hanley</i>	DATE 5/15/23	TIME 1805	SAMPLE CONDITIONS			
SAMPLER NAME AND SIGNATURE							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:				<i>Tracey Carroll Brett Callahan</i>						
SIGNATURE of SAMPLER:				DATE Signed (MM/DD/YY): 5/15/23						

BAL-845-605
23050523

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
REGULATORY AGENCY					
NPDES		GROUND WATER		DRINKING WATER	
UST		RCRA		OTHER	
Site Location				STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED DATE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No / Lab I.D.	
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈	Methanol	Other	Analysis Test ↓	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605				
																						MATRIX CODE (see valid codes to left)			SAMPLE TYPE (G=GRAB C=COMP)
1	BAL_MW-384				6	2	2	2																	23050523-033
2	BAL_MW-390				6	2	2	2																	034
3	BAL_MW-391				6	2	2	2																	035
4	BAL_MW-392				6	2	2	2																	036
5	BAL_MW-393		5/15/23	1543	6	2	2	2																	037
6	BAL_MW-394		5/15/23	1353	6	2	2	2																	038
7	BAL_OW-156				0																				039
8	BAL_OW-157				0																				040
9	BAL_OW-256				6	2	2	2																	041
10	BAL_OW-257				6	2	2	2																	042
11	BAL_PZ-169				0																				043
12	BAL_PZ-170				6	2	2	2																	044
13	BAL_PZ-182				6	2	2	2																	045
14	BAL_TPZ-159				0																				046
15	BAL_TPZ-164_pore				6	2	2	2																	047
16	BAL_XPW01				6	2	2	2																	048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	<i>Tracy Carroll</i>	5/14/23	1805	<i>Ellen L. A. Hawley</i>	5/15/23	1805	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Tracy Carroll</i>				
SIGNATURE of SAMPLER:	<i>Tracy Carroll</i>	DATE Signed (MM/DD/YY):	<i>5/15/23</i>		

23050523

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
REGULATORY AGENCY					
				NPDES	
				GROUND WATER	
				DRINKING WATER	
				UST	
				RCRA	
				OTHER	
				Site Location	
				IL	
				STATE:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.	
							Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓								
1	BAL_XPW02					2	1	1															23050523-049
2	BAL_XPW04					2	1	1															050
3	BAL_XPW05					6	2	2															051
4	BAL_XPW06					6	2	2															052
5	BAL_MW-304 Duplicate					6	2	2															053
6	Field Blank					6	2	2															054
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
BAL-23Q2-Rev 2	<i>Tracy Carroll</i>	5/15/23	1805	<i>Brett Gullihan</i>	5/15/23	1805		

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	<i>Tracy Carroll</i>	<i>Brett Gullihan</i>	
SIGNATURE of SAMPLER:	<i>Tracy Carroll</i>	DATE Signed (MM/DD/YY):	5/15/23
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

BAL-845-605
23050923

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Profile #:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test Y/N	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.	
							COLLECTED	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601		BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605					
																								Matrix Code	Sample Type			Methanol
1	BAL_MW-258					2	1	1																				23050923-017
2	BAL_MW-304					6	2	2	2																			018
3	BAL_MW-306					6	2	2	2																			019
4	BAL_MW-307					2	1	1																				020
5	BAL_MW-350					6	2	2	2																			021
6	BAL_MW-352					6	2	2	2																			022
7	BAL_MW-355					4	2	2																				023
8	BAL_MW-356		5/16/23	1229		6	2	2	2																			024
9	BAL_MW-358					6	2	2	2																			025
10	BAL_MW-366		5/16/23	11048		6	2	2	2																			026
11	BAL_MW-369		5/16/23	1503		6	2	2	2																			027
12	BAL_MW-370			1424		6	2	2	2																			028
13	BAL_MW-375					6	2	2	2																			029
14	BAL_MW-377					6	2	2	2																			030
15	BAL_MW-382		5/16/23	1542		6	2	2	2																			031
16	BAL_MW-383					6	2	2	2																			032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	<i>Jason Carroll</i>	5/16/23	1845	<i>Jason Carroll</i>	5-11-23	1845	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Jason Carroll</i>				
SIGNATURE of SAMPLER:	<i>Jason Carroll</i>	DATE Signed (MM/DD/YY):	<i>5/16/23</i>		

23050523

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No. / Lab I.D.							
						DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605									
1	BAL_MW-384				6	2	2	2																			23050523-033					
2	BAL_MW-390				6	2	2	2																			034					
3	BAL_MW-391				6	2	2	2																			035					
4	BAL_MW-392		5/16/23	1131	6	2	2	2																			036					
5	BAL_MW-393				6	2	2	2																			037					
6	BAL_MW-394				6	2	2	2																			038					
7	BAL_OW-156		5/16/23	1247	0																						039					
8	BAL_OW-157		6	11015	0																						040					
9	BAL_OW-256				6	2	2	2																			041					
10	BAL_OW-257				6	2	2	2																			042					
11	BAL_PZ-169		5/16/23	1343	0																						043					
12	BAL_PZ-170				6	2	2	2																			044					
13	BAL_PZ-182				6	2	2	2																			045					
14	BAL_TPZ-159				0																						046					
15	BAL_TPZ-164_pore				6	2	2	2																			047					
16	BAL_XPW01				6	2	2	2																			048					

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q2-Rev 2		Jason Stuckey		5/16/23	1845	[Signature]		5/16/23	1845				
SAMPLER NAME AND SIGNATURE										Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: [Signature]													
SIGNATURE of SAMPLER: [Signature]										DATE Signed (MM/DD/YYYY): 5/16/23			

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911		Project Name:		Quote Reference:		STATE: IL		
Fax:		Project Number: 2285		Project Manager:				
Requested Due Date/TAT: 10 day				Profile #:				

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOUD SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No. / Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605						
1	BAL_XPW02						2	1	1																					23050523-049
2	BAL_XPW04						2	1	1																					050
3	BAL_XPW05						6	2	2																					051
4	BAL_XPW06						6	2	2																					052
5	BAL_MW-304 Duplicate						6	2	2																					053
6	Field Blank						6	2	2																					054

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q2-Rev 2	<i>Jeremy Carroll</i>	5/16/23	1845	<i>[Signature]</i>	5-16-23	1846			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>J Carroll</i>				
SIGNATURE of SAMPLER:	<i>Jeremy Carroll</i>	DATE Signed (MM/DD/YY):	5/16/23		

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
REGULATORY AGENCY					
		NPDES		GROUND WATER	
		UST		RCRA	
		Site Location:		OTHER	
		STATE:		IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID S OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.							
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
1	BAL_MW-384						6	2	2	2										23050523-033							
2	BAL_MW-390				5/17/23	1525	6	2	2	2										034							
3	BAL_MW-391				5/17/23	1636	6	2	2	2										035							
4	BAL_MW-392						6	2	2	2										036							
5	BAL_MW-393						6	2	2	2										037							
6	BAL_MW-394						6	2	2	2										038							
7	BAL_OW-156						0													039							
8	BAL_OW-157						0													040							
9	BAL_OW-256				5/17/23	1116	6	2	2	2										041							
10	BAL_OW-257				5/17/23	1250	6	2	2	2										042							
11	BAL_PZ-169						0													043							
12	BAL_PZ-170				5/17/23	1153	6	2	2	2										044							
13	BAL_PZ-182				5/17/23	1421	6	2	2	2										045							
14	BAL_TPZ-159						0													046							
15	BAL_TPZ-164_pore						6	2	2	2										047							
16	BAL_XPW01						6	2	2	2										048							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																	
BAL-23Q2-Rev 2		Jenny Carroll		5/17/23	1840	[Signature]		5/17/23	1840	*3 102 -1																	

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:		[Signature]					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YYYY): 5/17/23					

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY			
Company: Vistra Corp	Report To: Brian Voelker	Attention: Jason Stuckey	Company Name: Vistra Corp	NPDES	GROUND WATER	DRINKING WATER			
Address: 13498 E. 900th St	Copy To: Jason Stuckey	Address: see Section A	Quote Reference:	UST	RCRA	OTHER			
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Project Name:	Project Manager:	Site Location:		STATE: IL			
Phone: (217) 753-8911 Fax:	Project Number: 2285	Profile #:							
Requested Due Date/TAT: 10 day									

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	Preservatives								Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)	Project No./ Lab I.D.			
				DATE	TIME	UNPRESERVED	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other			Analysis Test ↑	Y/N	
1	BAL_MW-104#SR			4	2	2												
2	BAL_MW-104&DR			4	2	2												
3	BAL_MW-150		5/18/23	119	6	2	2	2										002
4	BAL_MW-151			1348	6	2	2	2										003
5	BAL_MW-152			1523	6	2	2	2										004
6	BAL_MW-153				6	2	2	2										005
7	BAL_MW-154				6	2	2	2										006
8	BAL_MW-155				4	2	2											007
9	BAL_MW-158IR				2	1	1											008
10	BAL_MW-192				6	2	2	2										009
11	BAL_MW-193				6	2	2	2										010
12	BAL_MW-194				2	1	1											011
13	BAL_MW-203				2	1	1											012
14	BAL_MW-204				2	1	1											013
15	BAL_MW-252		5/18/23	1553	6	2	2	2										014
16	BAL_MW-253				6	2	2	2										015

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q2-Rev 2	Jesus Carradi	5/18/23	1830	[Signature]	5-18-23	1830	142	Y	N	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Carradi, B Gillihan				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YYYY):	5/18/23		

BAL 845 005
23090923

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER UST RCRA OTHER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location STATE: IL		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:				
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WFCP_605			
						DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME			
1	BAL_MW-258				2	1	1																23050523 - 017	
2	BAL_MW-304				6	2	2	2															018	
3	BAL_MW-306				6	2	2	2															019	
4	BAL_MW-307				2	1	1																020	
5	BAL_MW-350		5/18/23	1037	6	2	2	2															021	
6	BAL_MW-352		5/18/23	11610	6	2	2	2															022	
7	BAL_MW-355				4	2	2																023	
8	BAL_MW-356				6	2	2	2															024	
9	BAL_MW-358				6	2	2	2															025	
10	BAL_MW-366				6	2	2	2															026	
11	BAL_MW-369				6	2	2	2															027	
12	BAL_MW-370				6	2	2	2															028	
13	BAL_MW-375		5/18/23	1232	6	2	2	2															029	
14	BAL_MW-377				6	2	2	2															030	
15	BAL_MW-382				6	2	2	2															031	
16	BAL_MW-383				6	2	2	2															032	

ADDITIONAL COMMENTS BAL-23Q2-Rev 2	RELINQUISHED BY / AFFILIATION <i>Jeanne Carroll</i>	DATE 5/18/23	TIME 1030	ACCEPTED BY / AFFILIATION <i>[Signature]</i>	DATE 5/18/23	TIME 1530	SAMPLE CONDITIONS	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
--	--	------------------------	---------------------	---	------------------------	---------------------	-------------------	------------	-----------------------	-----------------------------	----------------------

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRINT Name of SAMPLER:	<i>J. Carroll</i> <i>B. Gillihan</i>				
SIGNATURE of SAMPLER:	<i>Jeanne Carroll</i> DATE Signed (MM/DD/YY): 5/18/23				

BAL 845-805
23050523

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Page: 1 of 4
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Company: Vistra Corp		Report To: Brian Voelker	Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey	Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Address: see Section A	
Phone: (217) 753-8911	Fax:	Project Name:	Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285	Project Manager:	
			Profile #:	
REGULATORY AGENCY				
		NPDES		GROUND WATER
		UST		RCRA
				DRINKING WATER
				OTHER
		Site Location	IL	
		STATE:		

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to lab)	SAMPLE TYPE (C=CRAB, C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)																		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_805	BAL_SUP_000	BAL_WPCP_605											
																											1	BAL_MW-104#SR						4	2	2	
2	BAL_MW-104&DR						4	2	2																												
3	BAL_MW-150						6	2	2	2																											
4	BAL_MW-151						6	2	2	2																											
5	BAL_MW-152						6	2	2	2																											
6	BAL_MW-153						6	2	2	2																											
7	BAL_MW-154						4	2	2																												
8	BAL_MW-155						4	2	2																												
9	BAL_MW-158!R				5/19/23	1055		2	1	1																											
10	BAL_MW-192						6	2	2	2																											
11	BAL_MW-193						6	2	2	2																											
12	BAL_MW-194						2	1	1																												
13	BAL_MW-203						2	1	1																												
14	BAL_MW-204						2	1	1																												
15	BAL_MW-252						6	2	2	2																											
16	BAL_MW-253						6	2	2	2																											
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																									
BAL-23Q2-Rev 2		<i>Jessy Carroll</i>			1412	5-19-23	<i>B. Gilligan</i>			5-19-23	1412	Y N																									

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Jessy Carroll</i> <i>B. Gilligan</i>						
SIGNATURE of SAMPLER: <i>Jessy Carroll</i> <i>B. Gilligan</i>						
DATE Signed (MM/DD/YY): 5/19/23						

CR 5-19-23

BAL-845-005
23050923

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		STATE: IL		
Requested Due Date/FAT: 10 day		Project Number: 2285		Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No. / Lab I.D.					
								Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601	BAL_257_605					BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
								MATRIX CODE	DRINKING WATER DW	WATER WT	WASTE WATER WW	PRODUCT P	SOIL/SOLID SL	OIL OL	WIPE WP	AIR AR	OTHER OT					TISSUE TS				
1	BAL_MW-258			5/19/23	1210		2	1	1											23050923-017						
2	BAL_MW-304						6	2	2	2										018						
3	BAL_MW-306						6	2	2	2										019						
4	BAL_MW-307						2	1	1											020						
5	BAL_MW-350						6	2	2	2										021						
6	BAL_MW-352						6	2	2	2										022						
7	BAL_MW-355						4	2	2											023						
8	BAL_MW-356						6	2	2	2										024						
9	BAL_MW-358			5/19/23	1128		6	2	2	2										025						
10	BAL_MW-366						6	2	2	2										026						
11	BAL_MW-369						6	2	2	2										027						
12	BAL_MW-370						6	2	2	2										028						
13	BAL_MW-375						6	2	2	2										029						
14	BAL_MW-377						6	2	2	2										030						
15	BAL_MW-382						6	2	2	2										031						
16	BAL_MW-383						6	2	2	2										032						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS															
BAL-23Q2-Rev 2			Mary Carroll		5/19/23	1412	BG		5-19-23	1412																

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	T. Carroll				
SIGNATURE of SAMPLER:	Mary Carroll				
DATE Signed (MM/DD/YY):		5/19/23			

23050523

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 4

Section A Required Client Information: Company: Vistra Corp Address: 13498 E. 900th St Email To: Brian.Voelker@VistraCorp.com Phone: (217) 753-8911 Fax: _____ Requested Due Date/TAT: 10 day		Section B Required Project Information: Report To: Brian Voelker Copy To: Jason Stuckey Purchase Order No.: _____ Project Name: _____ Project Number: 2285		Section C Invoice Information: Attention: Jason Stuckey Company Name: Vistra Corp Address: see Section A Quote Reference: _____ Project Manager: _____ Profile #: _____		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER		
Site Location: IL STATE: _____								

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.																	
		DRINKING WATER	DW			WATER	WT			WASTE WATER	WW	PRODUCT	P	SOIL/SOLID	SL	OIL		OL	WIPE	WP	AIR	AR	OTHER	OT			TISSUE	TS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
		DATE	TIME			Unpreserved	H ₂ SO ₄			HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601		BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605																				
1	BAL_MW-258								2	1	1																											23050523-017					
2	BAL_MW-304					5/22/23	1041		6	2	2	2																										018					
3	BAL_MW-306								6	2	2	2																										019					
4	BAL_MW-307								2	1	1																											020					
5	BAL_MW-350								6	2	2	2																										021					
6	BAL_MW-352								6	2	2	2																										022					
7	BAL_MW-355					5/22/23	1725		4	2	2																											023					
8	BAL_MW-356								6	2	2	2																										024					
9	BAL_MW-358								6	2	2	2																										025					
10	BAL_MW-366								6	2	2	2																										026					
11	BAL_MW-369								6	2	2	2																										027					
12	BAL_MW-370								6	2	2	2																										028					
13	BAL_MW-375								6	2	2	2																										029					
14	BAL_MW-377					5/22/23	1752		6	2	2	2																										030					
15	BAL_MW-382								6	2	2	2																										031					
16	BAL_MW-383					5/22/23	1428		6	2	2	2																										032					

ADDITIONAL COMMENTS BAL-23Q2-Rev 2	RELINQUISHED BY / AFFILIATION <i>Theresa Carroll</i>	DATE 5/22/23	TIME 1905	ACCEPTED BY / AFFILIATION <i>[Signature]</i>	DATE 5/22/23	TIME 1905	SAMPLE CONDITIONS
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Theresa Carroll B. Gilligan</i> SIGNATURE of SAMPLER: <i>Theresa Carroll</i> DATE Signed (MM/DD/YY): 5/22/23							Temp in °C Received on Ice (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Residual Chlorine (Y/N)	
				Profile #:		Project No./ Lab I.D.	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WW WASTE WATER WW PRODUCT P SOILSOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Y/N ↑	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					
1	BAL_MW-384				5/22/23	1343		6	2	2	2										23050523-033
2	BAL_MW-390							6	2	2	2										034
3	BAL_MW-391							6	2	2	2										035
4	BAL_MW-392							6	2	2	2										036
5	BAL_MW-393							6	2	2	2										037
6	BAL_MW-394							6	2	2	2										038
7	BAL_OW-156							0													039
8	BAL_OW-157							0													040
9	BAL_OW-256							6	2	2	2										041
10	BAL_OW-257							6	2	2	2										042
11	BAL_PZ-169							0													043
12	BAL_PZ-170							6	2	2	2										044
13	BAL_PZ-182							6	2	2	2										045
14	BAL_TPZ-159							0													046
15	BAL_TPZ-164_pore							6	2	2	2										047
16	BAL_XPW01							6	2	2	2										048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	<i>Janey Carrick</i>	5/22/23	1905	<i>Janey Carrick</i>	5/22/23	1905	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Janey Carrick</i>				
SIGNATURE of SAMPLER:	<i>Janey Carrick</i>	DATE Signed (MM/DD/YY):	5/22/23		

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:				
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey				
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		REGULATORY AGENCY		
				Address: see Section A		NPDES GROUND WATER DRINKING WATER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		UST RCRA OTHER		
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		Site Location		
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:		STATE: IL		

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↑ Y/N ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.				
		MATRIX	CODE			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₄	Methanol	Other		BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605						
1	BAL_XPW02								2	1	1																			23050523-049	
2	BAL_XPW04								2	1	1																			050	
3	BAL_XPW05								6	2	2																			051	
4	BAL_XPW06								6	2	2																			052	
5	BAL_MW-304 Duplicate					5/22/23	1091		6	2	2																			053	
6	Field Blank								6	2	2																			054	
7																															
8																															
9																															
10																															
11																															
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q2-Rev 2		<i>Juan Carrizo</i>		5/22/23	1905	<i>[Signature]</i>		5-22-23	1905				
SAMPLER NAME AND SIGNATURE										Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Travis B. Sullivan</i>					SIGNATURE of SAMPLER: <i>Juan Carrizo</i>								

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Page: 1 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No / Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					BAL_257_601	BAL_257_605	BAL_845_601
1	BAL_MW-104#SR							4	2	2											Pres. ✓	MW 45374	23050523-001
2	BAL_MW-104&DR							4	2	2													002
3	BAL_MW-150							6	2	2													003
4	BAL_MW-151							6	2	2													004
5	BAL_MW-152							6	2	2													005
6	BAL_MW-153							6	2	2													006
7	BAL_MW-154							4	2	2													007
8	BAL_MW-155							4	2	2													008
9	BAL_MW-158IR							2	1	1													009
10	BAL_MW-192							6	2	2													010
11	BAL_MW-193							6	2	2													011
12	BAL_MW-194							2	1	1													012
13	BAL_MW-203				5/23/22	1844		2	1	1													013
14	BAL_MW-204				5/23/22	1811		2	1	1													014
15	BAL_MW-252							6	2	2													015
16	BAL_MW-253							6	2	2													016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	<i>Jeremy Carroll</i>	5/23/22	2030	<i>Murphy</i>	5/23/23	2030	9.0

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Carroll / B Gillihan</i>				
SIGNATURE OF SAMPLER:	<i>Jeremy Carroll</i>	DATE Signed (MM/DD/YY):	5/23/23		

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No. / Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓									
																	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605			
1	BAL_MW-258						2	1	1																23050923 - 017	
2	BAL_MW-304						6	2	2	2															018	
3	BAL_MW-306				5/23/23		6	2	2	2															019	
4	BAL_MW-307				1611		2	1	1																020	
5	BAL_MW-350						6	2	2	2															021	
6	BAL_MW-352						6	2	2	2															022	
7	BAL_MW-355						4	2	2																023	
8	BAL_MW-356						6	2	2	2															024	
9	BAL_MW-358						6	2	2	2															025	
10	BAL_MW-366						6	2	2	2															026	
11	BAL_MW-369						6	2	2	2															027	
12	BAL_MW-370						6	2	2	2															028	
13	BAL_MW-375						6	2	2	2															029	
14	BAL_MW-377						6	2	2	2															030	
15	BAL_MW-382						6	2	2	2															031	
16	BAL_MW-383						6	2	2	2															032	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS																			
BAL-23Q2-Rev 2	<i>Jason Stuckey</i>	5/23/23	1030	<i>William Coler</i>	5/23	2020																				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>J. Carroll</i> <i>B. Gilligan</i>				
SIGNATURE of SAMPLER:	<i>J. Carroll</i>	DATE Signed (MM/DD/YY):	5/23/23		

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:			
Company: <u>Vistra Corp</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Jason Stuckey</u>			
Address: <u>13498 E. 900th St</u>		Copy To: <u>Jason Stuckey</u>		Company Name: <u>Vistra Corp</u>			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Address: <u>see Section A</u>			
Phone: <u>(217) 753-8911</u> Fax:		Project Name:		Quote Reference:			
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>2285</u>		Project Manager:			
				Profile #:			
				REGULATORY AGENCY			
				NPDES GROUND WATER DRINKING WATER			
				UST RCRA OTHER			
				Site Location			
				STATE: <u>IL</u>			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
				DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓													
																BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605							
1	BAL_MW-384						6	2	2	2							✓	✓	✓	✓						23050523-033			
2	BAL_MW-390						6	2	2	2							✓	✓	✓	✓						034			
3	BAL_MW-391						6	2	2	2							✓	✓	✓	✓						035			
4	BAL_MW-392						6	2	2	2							✓	✓	✓	✓						036			
5	BAL_MW-393						6	2	2	2							✓	✓	✓	✓						037			
6	BAL_MW-394						6	2	2	2							✓	✓	✓	✓						038			
7	BAL_OW-156						0											✓	✓							039			
8	BAL_OW-157						0											✓	✓							040			
9	BAL_OW-256						6	2	2	2							✓	✓	✓	✓						041			
10	BAL_OW-257						6	2	2	2							✓	✓	✓	✓						042			
11	BAL_PZ-169						0											✓	✓							043			
12	BAL_PZ-170						6	2	2	2							✓	✓	✓	✓						044			
13	BAL_PZ-182						6	2	2	2							✓	✓	✓	✓						045			
14	BAL_TPZ-159						0											✓	✓							046			
15	BAL_TPZ-164_pore			5/23/23	12:29		6	2	2	2							✓	✓	✓	✓						047			
16	BAL_XPW01			Je	1403		6	2	2	2							✓	✓	✓	✓						048			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
BAL-23Q2-Rev 2	<i>J. Mazzoli</i>	5/23/23	2030	<i>Allen Coker</i>	5/23	2030		

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>J. Coker / B. Gullivan</i>	SIGNATURE of SAMPLER: <i>J. Mazzoli</i>				
DATE Signed (MM/DD/YYYY):	<i>5/23/23</i>				

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / .) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.								
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605											
1	BAL_XPW02				5/23/23	1055		2	1	1																								23050523-249	
2	BAL_XPW04					1303		2	1	1																								D50	
3	BAL_XPW05					1142		6	2	2																								051	
4	BAL_XPW06					1508		6	2	2																								052	
5	BAL_MW-304 Duplicate							6	2	2																								053	
6	Field Blank				5/23/23	1904		6	2	2																								054	
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			
13																																			
14																																			
15																																			
16																																			
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																								
BAL-23Q2-Rev 2			Mary Drazick		5/23/23	2030	Allison Colon		5/23	2030																									

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Carmel Blighen</i>		SIGNATURE of SAMPLER: <i>Mary Drazick</i>					

WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device
001A	MW-104#SR	05/22/2023	1151	1151		10.25			Good	Bladder Pump
002A	MW-104&DR	05/22/2023	1133	1133		10.28			Good	Bladder Pump
003A	MW-150	05/18/2023	1119	1119		18.67			Good	Bladder Pump
004A	MW-151	05/18/2023	1348	1348		5.58			Good	Bladder Pump
005A	MW-152	05/18/2023	1523	1523		6.5			Good	Bladder Pump
006A	mw153	05/22/2023	1549	1549		12.86			Good	Bladder Pump
007A	mw-154	05/22/2023	1730	1730		DRY				
008A	MW-155	05/22/2023	1652	1652		17.67			Good	Bladder Pump
009A	MW-158!R	05/19/2023	1055	1055		6.23			Good	Bladder Pump
010A	MW-192	05/16/2023	1037	1037		8.25			Good	Bladder Pump
011A	MW-193	05/15/2023	1456	1456		9.94			Good	Bladder Pump
012A	MW-194	05/15/2023	1309	1309		7.47			Good	Bladder Pump
013A	MW-203	05/23/2023	1844	1844		19.15			Good	Bladder Pump
014A	MW-204	05/23/2023	1811	1811		15.68			Needs Work	Submersible Pump
015A	MW-252	05/18/2023	1553	1553		2.13			Good	Submersible Pump
016A	MW-253	05/22/2023	1520	1520		13.6			Needs Work	Bladder Pump
017A	mw258	05/19/2023	1210	1210		12.94			Good	Bladder Pump
018A	MW-304	05/22/2023	1041	1041		9.53			Good	Bladder Pump
019A	MW-306	05/23/2023	1611	1611		17.11			Good	Bladder Pump
020A	MW-307	05/23/2023	1708	1708		6.53			Good	Submersible Pump
021A	MW-350	05/18/2023	1037	1037		23.74			Good	Bladder Pump
022A	MW-352	05/18/2023	1610	1610		3.27			Good	Bladder Pump
023A	MW-355	05/22/2023	1725	1725		22.98			Good	Bladder Pump
024A	MW-356	05/16/2023	1229	1229		4.23			Good	Bladder Pump
025A	mw358	05/19/2023	1128	1128		42.92			Good	Bladder Pump
026A	MW-366	05/16/2023	1648	1648		13.19			Good	Bladder Pump
027A	MW-369	05/16/2023	1503	1503		10.39			Good	Bladder Pump
028A	MW-370	05/16/2023	1424	1424		18.1			Good	Bladder Pump
029A	MW-375	05/18/2023	1232	1232		32.21			Good	Bladder Pump
030A	MW-377	05/22/2023	1252	1252		5.65			Good	Bladder Pump
031A	MW-382	05/16/2023	1542	1542		16.14			Good	Bladder Pump
032A	mw383	05/22/2023	1428	1428		19.16			Good	Bladder Pump
033A	MW-384	05/22/2023	1343	1343		14.69			Good	Bladder Pump
034A	MW-390	05/17/2023	1525	1525		6.2			Good	Bladder Pump
035A	MW-391	05/17/2023	1636	1636		60.74			Good	Bladder Pump
036A	MW-392	05/16/2023	1131	1131		8.58			Good	Bladder Pump

Site Sampling Event Baldwin 2Q 2023

LIMS Workorder 23050523

Technician TAC/BG

WO Sample	Well ID	Date	Time hmm	Time (adj) hhmm	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device
037A	mw393	05/15/2023	1543	1543		8.21			Good	Bladder Pump
038A	MW-394	05/15/2023	1353	1353		6.27			Good	Bladder Pump
039A	OW-156	05/16/2023	1247	1247		6.22			Good	Bailer
040A	OW-157	05/16/2023	1615	1615		6.05			Good	Bailer
042A	OW-257	05/17/2023	1250	1250		5.14			Good	Submersible Pump
043A	PZ-169	05/16/2023	1343	1343		10.79			Good	
044A	PZ-170	05/17/2023	1153	1153		15.11			Good	Submersible Pump
045A	PZ-182	05/17/2023	1421	1421		16.91			Good	Submersible Pump
046A	TPZ-159	06/02/2023	1012	1012		3.99				
047A	TPZ-164_pore	05/23/2023	1229	1229		3.91			Good	Submersible Pump
048A	XPW01	05/23/2023	1403	1403		10.3			Good	Bladder Pump
049A	XPW02	05/23/2023	1055	1055		4.75			Good	Bladder Pump
050A	XPW04	05/23/2023	1303	1303		8.19			Good	Bladder Pump
051A	XPW05	05/23/2023	1142	1142		4.69			Good	Bladder Pump
052A	XPW06	05/23/2023	1508	1508		2.75			Good	Bladder Pump
053A	MW-304 DUP	05/22/2023	1041	1041		9.43			Good	Bladder Pump
054A	FIELD BLANK	05/23/2023	1904	1904						
041A	OW-256	05/17/2023	1116	1116		7.5			Good	Submersible Pump

Site Sampling Event	Baldwin 2Q 202
LIMS Workorder	23050523
Technician	TAC/BG

WO Sample	Well ID	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	Transducer SN
001A	MW-104#SR	Low Flow	Yes	Clear	None	None	None	overrange	NA
002A	MW-104&DR	Low Flow	Yes	Clear	None	None	None	3.713	NA
003A	MW-150	Low Flow	Yes	Clear	None	None	None	3.989	21615496
004A	MW-151	Low Flow	Yes	Cloudy	None	Rust	Slight	3.06	
005A	MW-152	Low Flow	Yes	Clear	None	None	Slight	3.359	21615493
006A	mw153	Low Flow	Yes	Cloudy	None	Lt. Bro	None	3.114	21615495
007A	mw-154								
008A	MW-155	Low Flow	Yes	Clear	None	None	None	3.791	NA
009A	MW-158!R	Low Flow	Yes	Cloudy	None	Lt. Bro	Slight	3.37	21615717
010A	MW-192	Low Flow	Yes	Clear	Slight	None	None	over range	21615724
011A	MW-193	Low Flow	Yes	Clear	None	None	None	3.539	21615737
012A	MW-194	Low Flow	Yes	Clear	None	None	Slight	3.396	21615716
013A	MW-203	Low Flow	Yes	Clear	None	None	None	3.692	21615736
014A	MW-204	Low Flow	Yes	Clear	Slight	None	Slight	3.707	tbd
015A	MW-252	Low Flow	Yes	Clear	None	None	None	4.418	21615715
016A	MW-253	Low Flow	Yes						21615511
017A	mw258	Low Flow	Yes	Clear	Strong	None	Slight	3.661	21615734
018A	MW-304	Low Flow	Yes	Clear	None	None	None	3.283	21615744
019A	MW-306	Low Flow	Yes	Clear	None	None	None	3.848	21615748
020A	MW-307	Low Flow	Yes	Clear	None	None	Slight	3.191	NA
021A	MW-350	Low Flow	Yes	Clear	None	None	None	3.245	21615512
022A	MW-352	Low Flow	Yes	Clear	Slight	None	None	3.592	21615723
023A	MW-355	Low Flow	Yes	Clear	None	None	None	4.896	NA
024A	MW-356	Low Flow	Yes	Clear	None	None	None	3.239	21615745
025A	mw358	Low Flow	Yes	Clear	None	Lt. Bro	Slight	4.421	21615747
026A	MW-366	Low Flow	Yes	Clear	Slight	None	Slight	3.389	21615721
027A	MW-369	Low Flow	Yes	Clear	None	None	Slight	4.629	21615499
028A	MW-370	Low Flow	Yes	Clear	None	None	None	3.241	21615751
029A	MW-375	Low Flow	Yes	Clear	None	None	None	3.232	21615735
030A	MW-377	Low Flow	Yes	Clear	None	None	None	3.193	21615729
031A	MW-382	Low Flow	Yes	Cloudy	None	None	Slight	3.14	21615731
032A	mw383	Low Flow	Yes	Clear	None	None	None	3.353	21615126
033A	MW-384	Low Flow	Yes	Clear	None	None	None	3.552	21615730
034A	MW-390	Low Flow	Yes	Clear	Slight	None	None	3.801	21615728
035A	MW-391	Low Flow	Yes	Clear	None	Lt. Bro	Slight	3.43	21615125
036A	MW-392	Low Flow	Yes	Clear	Slight	None	None	3.277	21615750

Site Sampling Event	Baldwin 2Q 2023								
LIMS Workorder	23050523								
Technician	TAC/BG								
WO Sample	Well ID	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	Transducer SN
037A	mw393	Low Flow	Yes	Clear	Strong	None	None	3.32	21615749
038A	MW-394	Low Flow	Yes	Clear	Strong	None	None	5.047	21615719
039A	OW-156			Clear	None	None	None		na
040A	OW-157			Clear	None	None	None		na
042A	OW-257	Low Flow	Yes	Cloudy	None	Grey	Moderate	3.381	21615720
043A	PZ-169								na
044A	PZ-170	Low Flow	Yes	Clear	Moder	None	Slight	3.311	21615115
045A	PZ-182	Low Flow	Yes	Cloudy	Slight	None	Moderate	3.271	21615116
046A	TPZ-159								na
047A	TPZ-164_pore	Low Flow	Yes	Clear	None	Lt. Bro	Slight	overrange	21615117
048A	XPW01	Low Flow	Yes	Clear	Slight	None	None	4.255	21615733
049A	XPW02	Low Flow	Yes	Clear	Slight	None	Slight	overrange	21615732
050A	XPW04	Low Flow	Yes	Clear	Slight	None	None	4.593	21615746
051A	XPW05	Low Flow	Yes	Clear	None	None	Slight	4.489	21615753
052A	XPW06	Low Flow	Yes	Clear	None	None	None	5.454	21615738
053A	MW-304 DUP	Low Flow	Yes	Clear	None	None	None	3.283	21615734
054A	FIELD BLANK								
041A	OW-256	Low Flow	Yes	Clear	Slight	None	Slight	Overrange	21615508

Site Sampling Event	Baldwin 2Q 2023	
LIMS Workorder	23050523	
Technician	TAC/BG	
WO Sample	Well ID	Transducer Read
001A	MW-104#SR	
002A	MW-104&DR	
003A	MW-150	377.9787
004A	MW-151	cant locate
005A	MW-152	419.032
006A	mw153	432.7116
007A	mw-154	
008A	MW-155	
009A	MW-158!R	450.5203
010A	MW-192	428.109
011A	MW-193	cant locate
012A	MW-194	430.8829
013A	MW-203	437.5155
014A	MW-204	
015A	MW-252	cant locate
016A	MW-253	432.1028
017A	mw258	442.6589
018A	MW-304	445.8893
019A	MW-306	0
020A	MW-307	
021A	MW-350	373.0026
022A	MW-352	421.7923
023A	MW-355	
024A	MW-356	423.1135
025A	mw358	413.0416
026A	MW-366	411.4914
027A	MW-369	411.9413
028A	MW-370	402.5913
029A	MW-375	390.9095
030A	MW-377	416.0583
031A	MW-382	cant locate
032A	mw383	439.7644
033A	MW-384	444.1137
034A	MW-390	421.5116
035A	MW-391	365.5296
036A	MW-392	428.2357

Pump Broken couldn't pull up as pump is stuck.

Site Sampling Event	Baldwin 2Q 2023	
LIMS Workorder	23050523	
Technician	TAC/BG	
WO Sample	Well ID	Transducer Read
037A	mw393	429.3736
038A	MW-394	431.8519
039A	OW-156	
040A	OW-157	
042A	OW-257	425.8141
043A	PZ-169	
044A	PZ-170	406.3164
045A	PZ-182	414.8616
046A	TPZ-159	
047A	TPZ-164_pore	431.2387
048A	XPW01	427.1972
049A	XPW02	cant locate
050A	XPW04	426.4951
051A	XPW05	cant locate
052A	XPW06	415.1558
053A	MW-304 DUP	445.8893
054A	FIELD BLANK	
041A	OW-256	416.1598

FILE CREATED: 5/24/2023 16:03

DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/15/2023	12:54:50 PM	Baldwin Quarterly	MW-194	754.5	16.8	740.7	878	0.43
5/15/2023	12:57:50 PM	Baldwin Quarterly	MW-194	754.4	16.8	740.5	878.6	0.43
5/15/2023	1:00:50 PM	Baldwin Quarterly	MW-194	754.4	16.7	739	877.5	0.43
5/15/2023	1:03:50 PM	Baldwin Quarterly	MW-194	754.4	16.7	738.1	877.7	0.43
5/15/2023	1:06:50 PM	Baldwin Quarterly	MW-194	754.2	16.9	741.4	877.6	0.43
5/15/2023	1:09:50 PM	Baldwin Quarterly	MW-194	754.3	16.9	740.6	876.2	0.43
5/15/2023	1:44:59 PM	Baldwin Quarterly	MW-394	754.1	17.7	3985.5	4631.9	2.49
5/15/2023	1:47:59 PM	Baldwin Quarterly	MW-394	754.1	17.5	3846	4490.6	2.41
5/15/2023	1:50:59 PM	Baldwin Quarterly	MW-394	753.9	17.6	3717.6	4332	2.32
5/15/2023	1:53:59 PM	Baldwin Quarterly	MW-394	754	17.7	3516.5	4089.8	2.18
5/15/2023	2:47:15 PM	Baldwin Quarterly	MW-193	753.5	17.6	841	979.4	0.49
5/15/2023	2:50:15 PM	Baldwin Quarterly	MW-193	753.4	17.2	831.8	976.4	0.48
5/15/2023	2:53:15 PM	Baldwin Quarterly	MW-193	753.4	17.3	831.2	974.9	0.48
5/15/2023	2:56:15 PM	Baldwin Quarterly	MW-193	753.4	17.2	829.3	973.7	0.48
5/15/2023	3:34:22 PM	Baldwin Quarterly	mw393	752.9	17.8	3674.3	4262.5	2.28
5/15/2023	3:37:22 PM	Baldwin Quarterly	mw393	752.7	17.7	3673.5	4264	2.28
5/15/2023	3:40:22 PM	Baldwin Quarterly	mw393	752.8	17.7	3663.4	4253.7	2.27
5/15/2023	3:43:22 PM	Baldwin Quarterly	mw393	752.7	17.7	3626.7	4214.5	2.25
5/16/2023	10:28:44 AM	Baldwin Quarterly	MW-192	748.4	16.2	675.1	812.1	0.4
5/16/2023	10:31:44 AM	Baldwin Quarterly	MW-192	748.3	16.1	673.5	811.9	0.4
5/16/2023	10:34:44 AM	Baldwin Quarterly	MW-192	748.4	16	672.3	811.4	0.4
5/16/2023	10:37:44 AM	Baldwin Quarterly	MW-192	748.3	16.1	670.8	809.1	0.4
5/16/2023	11:01:40 AM	Baldwin Quarterly	MW-392	748.5	16.6	2717.1	3236	1.7
5/16/2023	11:31:21 AM	Baldwin Quarterly	MW-392	748.6	16.8	3002.6	3559.6	1.88
5/16/2023	12:20:06 PM	Baldwin Quarterly	MW-356	748.7	15.3	1017.2	1248.7	0.63
5/16/2023	2:15:46 PM	Baldwin Quarterly	MW-370	748.2	15.8	4860.4	5893.6	3.22
5/16/2023	2:54:41 PM	Baldwin Quarterly	MW-369	747.8	15.7	991	1205.6	0.6
5/16/2023	3:33:38 PM	Baldwin Quarterly	MW-382	747.2	15.5	1604.4	1961.6	1.01
5/16/2023	3:36:38 PM	Baldwin Quarterly	MW-382	747.1	15.4	1540.5	1885.2	0.96
5/16/2023	3:39:38 PM	Baldwin Quarterly	MW-382	747.1	15.4	1523.4	1865.3	0.95
5/16/2023	3:42:38 PM	Baldwin Quarterly	MW-382	747.2	15.4	1506.4	1844.8	0.94
5/16/2023	4:12:00 PM	Baldwin Quarterly	OW-157	747.1	13.2	3303.5	4266.7	2.28
5/16/2023	4:13:08 PM	Baldwin Quarterly	OW-157	747.1	13.3	3325	4282.3	2.29
5/16/2023	4:15:07 PM	Baldwin Quarterly	OW-157	747	13.4	3339	4293	2.3

FILE CREATED: 5/24/2023 16:03

DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/16/2023	4:39:32 PM	Baldwin Quarterly	MW-366	747.2	14.7	1520.3	1894.9	0.97
5/16/2023	4:42:32 PM	Baldwin Quarterly	MW-366	747.1	14.6	1364.3	1702.8	0.87
5/16/2023	4:45:32 PM	Baldwin Quarterly	MW-366	747	14.6	1277.9	1596.2	0.81
5/16/2023	4:48:32 PM	Baldwin Quarterly	MW-366	747.1	14.5	1261.8	1577.7	0.8
5/17/2023	11:07:50 AM	Baldwin Quarterly	OW-256	748.1	15.5	734.3	896.9	0.44
5/17/2023	11:10:50 AM	Baldwin Quarterly	OW-256	748	15.5	734.9	898.7	0.44
5/17/2023	11:13:50 AM	Baldwin Quarterly	OW-256	748	15.5	736.4	899.9	0.45
5/17/2023	11:16:50 AM	Baldwin Quarterly	OW-256	748.1	15.5	737.3	901.4	0.45
5/17/2023	11:44:55 AM	Baldwin Quarterly	PZ-170	747.9	15.7	1468.7	1787.6	0.91
5/17/2023	11:47:55 AM	Baldwin Quarterly	PZ-170	748	15.9	1458.3	1765	0.9
5/17/2023	11:50:55 AM	Baldwin Quarterly	PZ-170	747.9	16.2	1460.6	1754.7	0.89
5/17/2023	11:53:55 AM	Baldwin Quarterly	PZ-170	747.9	15.9	1447.7	1750.3	0.89
5/17/2023	12:47:00 PM	Baldwin Quarterly	OW-257	747.4	14.4	963.9	1208.2	0.61
5/17/2023	12:50:00 PM	Baldwin Quarterly	OW-257	747.6	14.7	975.4	1214	0.61
5/17/2023	2:12:05 PM	Baldwin Quarterly	PZ-182	747	15.3	934	1145.7	0.57
5/17/2023	2:15:05 PM	Baldwin Quarterly	PZ-182	747	15.3	939.8	1153	0.58
5/17/2023	2:18:05 PM	Baldwin Quarterly	PZ-182	747	15.3	942.7	1156	0.58
5/17/2023	2:21:05 PM	Baldwin Quarterly	PZ-182	747	15.4	943.7	1156.8	0.58
5/17/2023	3:05:38 PM	Baldwin Quarterly	MW-390	746.9	15.7	1800.6	2187.3	1.13
5/17/2023	3:08:38 PM	Baldwin Quarterly	MW-390	746.8	15.5	1353.6	1652.7	0.84
5/17/2023	3:16:01 PM	Baldwin Quarterly	MW-390	746.9	15.4	1009.6	1235.1	0.62
5/17/2023	3:19:01 PM	Baldwin Quarterly	MW-390	746.8	15.4	930.8	1139.3	0.57
5/17/2023	3:22:01 PM	Baldwin Quarterly	MW-390	747	15.3	887	1087.9	0.54
5/17/2023	3:25:01 PM	Baldwin Quarterly	MW-390	746.8	15.4	876.9	1074.8	0.54
5/17/2023	4:21:25 PM	Baldwin Quarterly	MW-391	746.6	15.6	2570.3	3131.4	1.65
5/18/2023	10:28:30 AM	Baldwin Quarterly	MW-350	750.7	14.2	952.9	1199.3	0.6
5/18/2023	10:31:30 AM	Baldwin Quarterly	MW-350	750.8	14.2	973.7	1227.3	0.62
5/18/2023	10:34:30 AM	Baldwin Quarterly	MW-350	750.8	14.1	983	1240.6	0.62
5/18/2023	10:37:30 AM	Baldwin Quarterly	MW-350	750.7	14.1	980.5	1237.7	0.62
5/18/2023	11:10:29 AM	Baldwin Quarterly	MW-150	750.9	13.8	1742.1	2217.8	1.14
5/18/2023	11:13:29 AM	Baldwin Quarterly	MW-150	750.8	13.6	1733.3	2214.2	1.14
5/18/2023	11:16:29 AM	Baldwin Quarterly	MW-150	750.9	13.6	1730.4	2213.5	1.14
5/18/2023	11:19:29 AM	Baldwin Quarterly	MW-150	750.8	13.6	1734.6	2218.7	1.14
5/18/2023	12:23:27 PM	Baldwin Quarterly	MW-375	750	15.2	1456.1	1791	0.91

FILE CREATED: 5/24/2023 16:03

DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/18/2023	12:26:27 PM	Baldwin Quarterly	MW-375	750	15.1	1391.3	1714.4	0.87
5/18/2023	12:29:27 PM	Baldwin Quarterly	MW-375	749.9	15.1	1344.5	1659.4	0.84
5/18/2023	12:32:27 PM	Baldwin Quarterly	MW-375	749.9	15	1311.3	1619.5	0.82
5/18/2023	1:39:22 PM	Baldwin Quarterly	MW-151	750.2	12.5	741.8	973.8	0.48
5/18/2023	1:42:22 PM	Baldwin Quarterly	MW-151	750.1	12.7	741.8	970.6	0.48
5/18/2023	1:45:22 PM	Baldwin Quarterly	MW-151	750.1	12.8	745.1	972.5	0.48
5/18/2023	1:48:22 PM	Baldwin Quarterly	MW-151	750	12.6	755.9	991.2	0.49
5/18/2023	3:14:10 PM	Baldwin Quarterly	MW-152	749.1	12.8	834.6	1087.7	0.54
5/18/2023	3:17:10 PM	Baldwin Quarterly	MW-152	749.1	12.8	836.5	1089.6	0.54
5/18/2023	3:20:10 PM	Baldwin Quarterly	MW-152	749.1	12.7	836.2	1093.1	0.55
5/18/2023	3:23:10 PM	Baldwin Quarterly	MW-152	749.1	12.7	837.4	1093.8	0.55
5/18/2023	3:44:25 PM	Baldwin Quarterly	MW-252	748.9	14.8	1367	1696.5	0.86
5/18/2023	3:47:25 PM	Baldwin Quarterly	MW-252	748.9	14.8	1362.7	1692	0.86
5/18/2023	3:50:25 PM	Baldwin Quarterly	MW-252	749	14.1	1340.1	1693.2	0.86
5/18/2023	3:53:25 PM	Baldwin Quarterly	MW-252	749	14.3	1347.1	1692.6	0.86
5/18/2023	4:01:52 PM	Baldwin Quarterly	MW-352	748.9	15.5	1731.4	2113	1.09
5/18/2023	4:04:52 PM	Baldwin Quarterly	MW-352	748.9	15.2	1776.6	2185.9	1.13
5/18/2023	4:07:52 PM	Baldwin Quarterly	MW-352	748.9	14.9	1766.2	2188.4	1.13
5/18/2023	4:10:52 PM	Baldwin Quarterly	MW-352	748.9	14.8	1739.7	2161.6	1.11
5/19/2023	10:46:19 AM	Baldwin Quarterly	MW-158!R	749.2	14.9	730.2	904.5	0.45
5/19/2023	10:49:19 AM	Baldwin Quarterly	MW-158!R	749.2	14.8	726.7	903.2	0.45
5/19/2023	10:52:19 AM	Baldwin Quarterly	MW-158!R	749.4	14.9	727.8	902.5	0.45
5/19/2023	10:55:19 AM	Baldwin Quarterly	MW-158!R	749.3	14.8	727	903.3	0.45
5/19/2023	11:19:13 AM	Baldwin Quarterly	mw358	749.6	18.7	4677.7	5313.7	2.88
5/19/2023	11:22:13 AM	Baldwin Quarterly	mw358	749.6	18.4	4882.3	5582.4	3.03
5/19/2023	11:25:13 AM	Baldwin Quarterly	mw358	749.6	18.3	4912.9	5638.5	3.07
5/19/2023	11:28:13 AM	Baldwin Quarterly	mw358	749.6	18.2	4910.9	5638	3.07
5/19/2023	12:01:23 PM	Baldwin Quarterly	mw258	749.4	16.3	1117.4	1340.7	0.67
5/19/2023	12:04:23 PM	Baldwin Quarterly	mw258	749.4	16	1109.3	1338.9	0.67
5/19/2023	12:07:23 PM	Baldwin Quarterly	mw258	749.5	16	1106	1335	0.67
5/19/2023	12:10:23 PM	Baldwin Quarterly	mw258	749.4	15.9	1103.9	1337.2	0.67
5/22/2023	10:32:08 AM	Baldwin Quarterly	MW-304	752.1	15.2	1386.1	1706.1	0.87
5/22/2023	10:35:08 AM	Baldwin Quarterly	MW-304	752.1	15.2	1376	1694.6	0.86
5/22/2023	10:38:08 AM	Baldwin Quarterly	MW-304	752	15.2	1372.5	1690.5	0.86

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DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/22/2023	10:41:08 AM	Baldwin Quarterly	MW-304	752.1	15.2	1374.4	1691.1	0.86
5/22/2023	11:24:10 AM	Baldwin Quarterly	MW-104&DR	751.8	14.7	568.1	707.2	0.35
5/22/2023	11:27:09 AM	Baldwin Quarterly	MW-104&DR	751.9	14.7	566.3	704.9	0.35
5/22/2023	11:30:09 AM	Baldwin Quarterly	MW-104&DR	751.8	14.7	565	702.6	0.34
5/22/2023	11:33:09 AM	Baldwin Quarterly	MW-104&DR	751.8	14.7	564.2	701.7	0.34
5/22/2023	11:42:15 AM	Baldwin Quarterly	MW-104#SR	751.8	14.3	719.9	903.9	0.45
5/22/2023	11:45:15 AM	Baldwin Quarterly	MW-104#SR	751.8	14.4	719.1	902	0.45
5/22/2023	11:48:15 AM	Baldwin Quarterly	MW-104#SR	751.8	14.4	706.6	885.6	0.44
5/22/2023	11:51:15 AM	Baldwin Quarterly	MW-104#SR	751.8	14.5	710.4	889.6	0.44
5/22/2023	12:43:22 PM	Baldwin Quarterly	MW-377	752.1	15	654.4	808.6	0.4
5/22/2023	12:46:22 PM	Baldwin Quarterly	MW-377	752.1	15.2	656.6	808.3	0.4
5/22/2023	12:49:22 PM	Baldwin Quarterly	MW-377	752.1	15.1	655.6	808.3	0.4
5/22/2023	12:52:22 PM	Baldwin Quarterly	MW-377	752.1	15.2	655.7	807.5	0.4
5/22/2023	1:34:35 PM	Baldwin Quarterly	MW-384	750.6	17.1	1729.7	2038.4	1.05
5/22/2023	1:37:35 PM	Baldwin Quarterly	MW-384	750.6	17.1	1730.2	2035.9	1.04
5/22/2023	1:40:35 PM	Baldwin Quarterly	MW-384	750.6	17.1	1708.6	2012.2	1.03
5/22/2023	1:43:35 PM	Baldwin Quarterly	MW-384	750.5	17	1668.5	1968.2	1.01
5/22/2023	2:19:10 PM	Baldwin Quarterly	mw383	750.3	18.3	936.2	1074.1	0.53
5/22/2023	2:22:10 PM	Baldwin Quarterly	mw383	750.1	18.4	931.4	1066.5	0.53
5/22/2023	2:25:10 PM	Baldwin Quarterly	mw383	750.2	18.4	927	1060.3	0.53
5/22/2023	2:28:10 PM	Baldwin Quarterly	mw383	750.1	18.4	922	1055.4	0.52
5/22/2023	3:40:58 PM	Baldwin Quarterly	mw153	750.2	13.8	342.8	436.1	0.21
5/22/2023	3:43:58 PM	Baldwin Quarterly	mw153	750.2	13.7	340	433.9	0.21
5/22/2023	3:46:58 PM	Baldwin Quarterly	mw153	750.1	13.6	340	434.4	0.21
5/22/2023	3:49:58 PM	Baldwin Quarterly	mw153	750	13.5	340.8	436.2	0.21
5/22/2023	4:46:13 PM	Baldwin Quarterly	MW-155	751.4	13.4	511.1	657.1	0.32
5/22/2023	4:49:13 PM	Baldwin Quarterly	MW-155	751.3	13.6	518.1	661.6	0.32
5/22/2023	4:52:13 PM	Baldwin Quarterly	MW-155	751.4	13.6	517	660.2	0.32
5/22/2023	4:55:13 PM	Baldwin Quarterly	MW-155	751.3	13.5	512.7	657.3	0.32
5/22/2023	5:16:36 PM	Baldwin Quarterly	MW-355	751.2	13.9	488.1	619.6	0.3
5/22/2023	5:19:36 PM	Baldwin Quarterly	MW-355	751.3	14	490.8	620.8	0.3
5/22/2023	5:22:36 PM	Baldwin Quarterly	MW-355	751.3	14	495	626	0.31
5/22/2023	5:25:36 PM	Baldwin Quarterly	MW-355	751.2	14	498.9	631.1	0.31
5/23/2023	10:46:33 AM	Baldwin Quarterly	XPW02	751.5	15.8	558.7	677.2	0.33

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DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/23/2023	10:49:33 AM	Baldwin Quarterly	XPW02	751.5	16.5	564.3	673.3	0.33
5/23/2023	10:52:33 AM	Baldwin Quarterly	XPW02	751.4	16.4	566.8	677.4	0.33
5/23/2023	10:55:33 AM	Baldwin Quarterly	XPW02	751.5	16.5	568.9	678.5	0.33
5/23/2023	11:33:17 AM	Baldwin Quarterly	XPW05	751.4	17.8	520.5	603.4	0.29
5/23/2023	11:36:17 AM	Baldwin Quarterly	XPW05	751.5	17.8	515.3	597.8	0.29
5/23/2023	11:39:17 AM	Baldwin Quarterly	XPW05	751.5	17.8	510.6	592.5	0.29
5/23/2023	11:42:17 AM	Baldwin Quarterly	XPW05	751.4	17.9	508.7	589	0.29
5/23/2023	12:20:45 PM	Baldwin Quarterly	TPZ-164_pore	751.2	15.3	578	709	0.35
5/23/2023	12:23:45 PM	Baldwin Quarterly	TPZ-164_pore	751.3	15.8	586.4	711.9	0.35
5/23/2023	12:26:45 PM	Baldwin Quarterly	TPZ-164_pore	751.2	15.4	584	715.1	0.35
5/23/2023	12:29:45 PM	Baldwin Quarterly	TPZ-164_pore	751.2	15.2	582.7	716.6	0.35
5/23/2023	12:54:20 PM	Baldwin Quarterly	XPW04	751.2	13.9	498.2	632	0.31
5/23/2023	12:57:20 PM	Baldwin Quarterly	XPW04	751.1	14.7	505.5	629.7	0.31
5/23/2023	1:00:20 PM	Baldwin Quarterly	XPW04	751	14.8	506.1	628.9	0.31
5/23/2023	1:03:20 PM	Baldwin Quarterly	XPW04	751	14.7	505.9	630.2	0.31
5/23/2023	1:54:21 PM	Baldwin Quarterly	XPW01	750.5	15.7	327.6	398.5	0.19
5/23/2023	1:57:21 PM	Baldwin Quarterly	XPW01	750.6	16.2	333.1	400	0.19
5/23/2023	2:00:21 PM	Baldwin Quarterly	XPW01	750.6	16.1	332.9	400.7	0.19
5/23/2023	2:03:21 PM	Baldwin Quarterly	XPW01	750.6	16.1	332.9	400.6	0.19
5/23/2023	2:59:05 PM	Baldwin Quarterly	XPW06	750.8	16.4	539.7	646.2	0.32
5/23/2023	3:02:05 PM	Baldwin Quarterly	XPW06	750.9	16.8	536.9	636	0.31
5/23/2023	3:05:05 PM	Baldwin Quarterly	XPW06	750.8	16.6	533.6	635	0.31
5/23/2023	3:08:05 PM	Baldwin Quarterly	XPW06	750.7	16.5	530.7	633.5	0.31
5/23/2023	4:02:25 PM	Baldwin Quarterly	MW-306	749.5	15.3	358	439.4	0.21
5/23/2023	4:05:25 PM	Baldwin Quarterly	MW-306	749.5	15.4	347.8	425.4	0.21
5/23/2023	4:08:25 PM	Baldwin Quarterly	MW-306	749.4	15.4	358.3	438.9	0.21
5/23/2023	4:11:25 PM	Baldwin Quarterly	MW-306	749.5	15.4	400.4	490.2	0.24
5/23/2023	4:59:47 PM	Baldwin Quarterly	MW-307	749.7	15.3	1954.9	2401.2	1.24
5/23/2023	5:02:47 PM	Baldwin Quarterly	MW-307	749.7	16.3	1971.4	2365.2	1.22
5/23/2023	5:05:47 PM	Baldwin Quarterly	MW-307	749.8	15.2	1963.9	2418.2	1.25
5/23/2023	5:08:47 PM	Baldwin Quarterly	MW-307	749.7	15	1966.9	2429	1.26
5/23/2023	6:05:42 PM	Baldwin Quarterly	MW-204	749.1	15.2	789.8	971.9	0.48
5/23/2023	6:08:42 PM	Baldwin Quarterly	MW-204	749.1	14.9	782.8	970.6	0.48
5/23/2023	6:11:42 PM	Baldwin Quarterly	MW-204	749.1	14.7	778.2	969.6	0.48

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DATE	TIME	SITE	DATA ID	Barometer (mmHg)	Temp (°C)	Cond (µS/cm)	Sp Cond (µS/cm)	Sal (psu)
5/23/2023	6:35:59 PM	Baldwin Quarterly	MW-203	748.8	14.7	742.2	923.8	0.46
5/23/2023	6:38:59 PM	Baldwin Quarterly	MW-203	748.8	14.6	741.8	925.4	0.46
5/23/2023	6:41:59 PM	Baldwin Quarterly	MW-203	748.8	14.6	736.7	919.8	0.46
5/23/2023	6:44:59 PM	Baldwin Quarterly	MW-203	748.8	14.5	735.9	919.7	0.46
5/16/2023	11:04:39	Baldwin Quarterly	MW-392		16.5		3548	
5/16/2023	11:07:39	Baldwin Quarterly	MW-392		16.5		3563	
5/16/2023	11:10:39	Baldwin Quarterly	MW-392		16.5		3561	
5/16/2023	12:23:06	Baldwin Quarterly	MW-356		15.3		1213	
5/16/2023	12:26:06	Baldwin Quarterly	MW-356		15.3		1193	
5/16/2023	12:29:06	Baldwin Quarterly	MW-356		15.3		1166	
5/16/2023	14:18:46	Baldwin Quarterly	MW-370		15.8		5767	
5/16/2023	14:21:46	Baldwin Quarterly	MW-370		15.8		5552	
5/16/2023	14:24:46	Baldwin Quarterly	MW-370		15.7		5461	
5/16/2023	14:57:42	Baldwin Quarterly	MW-369		15.4		1803	
5/16/2023	15:00:42	Baldwin Quarterly	MW-369		15.2		1327	
5/16/2023	15:03:42	Baldwin Quarterly	MW-369		15.2		1213	
5/17/2023	16:24:24	Baldwin Quarterly	MW-391		15.6		3123	
5/17/2023	16:27:24	Baldwin Quarterly	MW-391		15.6		3129	
5/17/2023	16:30:24	Baldwin Quarterly	MW-391		15.6		3134	
5/17/2023	16:33:24	Baldwin Quarterly	MW-391		15.6		3130	
5/17/2023	16:36:24	Baldwin Quarterly	MW-391		15.6		3126	
	12:41	Baldwin Quarterly	OW-156		15.3		1235.4	
	12:44	Baldwin Quarterly	OW-156		15.3		1240.5	
	12:47	Baldwin Quarterly	OW-156		15.3		1248.7	

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DATE	TIME	SITE	DATA ID	nLFCond ($\mu\text{S}/\text{cm}$)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/15/2023	12:54:50 PM	Baldwin Quarterly	MW-194	889.6	571	1350.1	-0.9	-0.9
5/15/2023	12:57:50 PM	Baldwin Quarterly	MW-194	890.3	571	1350.4	-0.9	-0.9
5/15/2023	1:00:50 PM	Baldwin Quarterly	MW-194	889.2	570	1353.3	-0.8	-0.8
5/15/2023	1:03:50 PM	Baldwin Quarterly	MW-194	889.5	571	1354.7	-0.8	-0.8
5/15/2023	1:06:50 PM	Baldwin Quarterly	MW-194	889.2	570	1348.9	-0.9	-0.9
5/15/2023	1:09:50 PM	Baldwin Quarterly	MW-194	887.7	570	1350.3	-0.9	-0.9
5/15/2023	1:44:59 PM	Baldwin Quarterly	MW-394	4688.2	3011	250.9	0.6	0.6
5/15/2023	1:47:59 PM	Baldwin Quarterly	MW-394	4546.4	2919	260	0.5	0.5
5/15/2023	1:50:59 PM	Baldwin Quarterly	MW-394	4385.3	2816	269	0.5	0.5
5/15/2023	1:53:59 PM	Baldwin Quarterly	MW-394	4139.7	2658	284.4	0.3	0.3
5/15/2023	2:47:15 PM	Baldwin Quarterly	MW-193	991.4	637	1189	-1	-1
5/15/2023	2:50:15 PM	Baldwin Quarterly	MW-193	988.9	635	1202.3	-0.9	-0.9
5/15/2023	2:53:15 PM	Baldwin Quarterly	MW-193	987.3	634	1203	-0.9	-0.9
5/15/2023	2:56:15 PM	Baldwin Quarterly	MW-193	986.1	633	1205.8	-0.9	-0.9
5/15/2023	3:34:22 PM	Baldwin Quarterly	mw393	4313.8	2771	272.2	0.4	0.4
5/15/2023	3:37:22 PM	Baldwin Quarterly	mw393	4315.5	2772	272.2	0.4	0.4
5/15/2023	3:40:22 PM	Baldwin Quarterly	mw393	4305.2	2765	273	0.4	0.4
5/15/2023	3:43:22 PM	Baldwin Quarterly	mw393	4265.7	2739	275.7	0.4	0.4
5/16/2023	10:28:44 AM	Baldwin Quarterly	MW-192	823.4	528	1481.3	-0.8	-0.8
5/16/2023	10:31:44 AM	Baldwin Quarterly	MW-192	823.3	528	1484.8	-0.8	-0.8
5/16/2023	10:34:44 AM	Baldwin Quarterly	MW-192	822.9	527	1487.5	-0.7	-0.7
5/16/2023	10:37:44 AM	Baldwin Quarterly	MW-192	820.5	526	1490.7	-0.8	-0.8
5/16/2023	11:01:40 AM	Baldwin Quarterly	MW-392	3279.7	2103	368	0.2	0.2
5/16/2023	11:31:21 AM	Baldwin Quarterly	MW-392	3606.8	2314	333	0.3	0.3
5/16/2023	12:20:06 PM	Baldwin Quarterly	MW-356	1267.4	812	983.1	-0.5	-0.5
5/16/2023	2:15:46 PM	Baldwin Quarterly	MW-370	5978.3	3831	205.7	1.5	1.5
5/16/2023	2:54:41 PM	Baldwin Quarterly	MW-369	1223.1	784	1009	-0.5	-0.5
5/16/2023	3:33:38 PM	Baldwin Quarterly	MW-382	1990.5	1275	623.3	-0.2	-0.2
5/16/2023	3:36:38 PM	Baldwin Quarterly	MW-382	1913.1	1225	649.2	-0.2	-0.2
5/16/2023	3:39:38 PM	Baldwin Quarterly	MW-382	1892.9	1212	656.4	-0.2	-0.2
5/16/2023	3:42:38 PM	Baldwin Quarterly	MW-382	1872.1	1199	663.8	-0.2	-0.2
5/16/2023	4:12:00 PM	Baldwin Quarterly	OW-157	4337.6	2773	302.7	1.1	1.1
5/16/2023	4:13:08 PM	Baldwin Quarterly	OW-157	4353.2	2784	300.8	1.1	1.1
5/16/2023	4:15:07 PM	Baldwin Quarterly	OW-157	4363.8	2790	299.5	1.1	1.1

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DATE	TIME	SITE	DATA ID	nLFCCond ($\mu\text{S}/\text{cm}$)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/16/2023	4:39:32 PM	Baldwin Quarterly	MW-366	1924.2	1232	657.8	-0.1	-0.1
5/16/2023	4:42:32 PM	Baldwin Quarterly	MW-366	1729.2	1107	733	-0.2	-0.2
5/16/2023	4:45:32 PM	Baldwin Quarterly	MW-366	1621	1038	782.6	-0.2	-0.2
5/16/2023	4:48:32 PM	Baldwin Quarterly	MW-366	1602.3	1025	792.5	-0.2	-0.2
5/17/2023	11:07:50 AM	Baldwin Quarterly	OW-256	910.1	583	1361.9	-0.6	-0.6
5/17/2023	11:10:50 AM	Baldwin Quarterly	OW-256	911.9	584	1360.7	-0.6	-0.6
5/17/2023	11:13:50 AM	Baldwin Quarterly	OW-256	913.2	585	1357.9	-0.6	-0.6
5/17/2023	11:16:50 AM	Baldwin Quarterly	OW-256	914.7	586	1356.3	-0.6	-0.6
5/17/2023	11:44:55 AM	Baldwin Quarterly	PZ-170	1813.5	1162	680.9	-0.3	-0.3
5/17/2023	11:47:55 AM	Baldwin Quarterly	PZ-170	1790.2	1147	685.7	-0.3	-0.3
5/17/2023	11:50:55 AM	Baldwin Quarterly	PZ-170	1779.2	1141	684.6	-0.4	-0.4
5/17/2023	11:53:55 AM	Baldwin Quarterly	PZ-170	1775.2	1138	690.7	-0.4	-0.4
5/17/2023	12:47:00 PM	Baldwin Quarterly	OW-257	1227.2	785	1037.5	-0.3	-0.3
5/17/2023	12:50:00 PM	Baldwin Quarterly	OW-257	1232.7	789	1025.2	-0.4	-0.4
5/17/2023	2:12:05 PM	Baldwin Quarterly	PZ-182	1162.8	745	1070.6	-0.5	-0.5
5/17/2023	2:15:05 PM	Baldwin Quarterly	PZ-182	1170.2	749	1064	-0.5	-0.5
5/17/2023	2:18:05 PM	Baldwin Quarterly	PZ-182	1173.2	751	1060.8	-0.5	-0.5
5/17/2023	2:21:05 PM	Baldwin Quarterly	PZ-182	1174	752	1059.6	-0.5	-0.5
5/17/2023	3:05:38 PM	Baldwin Quarterly	MW-390	2218.9	1422	555.4	-0.1	-0.1
5/17/2023	3:08:38 PM	Baldwin Quarterly	MW-390	1676.9	1074	738.8	-0.3	-0.3
5/17/2023	3:16:01 PM	Baldwin Quarterly	MW-390	1253.4	803	990.5	-0.5	-0.5
5/17/2023	3:19:01 PM	Baldwin Quarterly	MW-390	1156.1	741	1074.4	-0.5	-0.5
5/17/2023	3:22:01 PM	Baldwin Quarterly	MW-390	1104.1	707	1127.5	-0.5	-0.5
5/17/2023	3:25:01 PM	Baldwin Quarterly	MW-390	1090.7	699	1140.4	-0.5	-0.5
5/17/2023	4:21:25 PM	Baldwin Quarterly	MW-391	3177.1	2035	389.1	0.3	0.3
5/18/2023	10:28:30 AM	Baldwin Quarterly	MW-350	1218.4	780	1049.4	-0.3	-0.3
5/18/2023	10:31:30 AM	Baldwin Quarterly	MW-350	1246.8	798	1027.1	-0.3	-0.3
5/18/2023	10:34:30 AM	Baldwin Quarterly	MW-350	1260.4	806	1017.3	-0.3	-0.3
5/18/2023	10:37:30 AM	Baldwin Quarterly	MW-350	1257.4	804	1019.9	-0.3	-0.3
5/18/2023	11:10:29 AM	Baldwin Quarterly	MW-150	2253.7	1442	574	0.2	0.2
5/18/2023	11:13:29 AM	Baldwin Quarterly	MW-150	2250.3	1439	576.9	0.2	0.2
5/18/2023	11:16:29 AM	Baldwin Quarterly	MW-150	2249.8	1439	577.9	0.2	0.2
5/18/2023	11:19:29 AM	Baldwin Quarterly	MW-150	2255	1442	576.5	0.2	0.2
5/18/2023	12:23:27 PM	Baldwin Quarterly	MW-375	1817.8	1164	686.8	-0.2	-0.2

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DATE	TIME	SITE	DATA ID	nLFCCond ($\mu\text{S}/\text{cm}$)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/18/2023	12:26:27 PM	Baldwin Quarterly	MW-375	1740.2	1114	718.8	-0.2	-0.2
5/18/2023	12:29:27 PM	Baldwin Quarterly	MW-375	1684.4	1079	743.8	-0.3	-0.3
5/18/2023	12:32:27 PM	Baldwin Quarterly	MW-375	1644	1053	762.6	-0.3	-0.3
5/18/2023	1:39:22 PM	Baldwin Quarterly	MW-151	990.4	633	1348.2	-0.2	-0.2
5/18/2023	1:42:22 PM	Baldwin Quarterly	MW-151	987.1	631	1348.1	-0.2	-0.2
5/18/2023	1:45:22 PM	Baldwin Quarterly	MW-151	988.9	632	1342.1	-0.2	-0.2
5/18/2023	1:48:22 PM	Baldwin Quarterly	MW-151	1008	644	1323	-0.2	-0.2
5/18/2023	3:14:10 PM	Baldwin Quarterly	MW-152	1106	707	1198.2	-0.2	-0.2
5/18/2023	3:17:10 PM	Baldwin Quarterly	MW-152	1108	708	1195.5	-0.2	-0.2
5/18/2023	3:20:10 PM	Baldwin Quarterly	MW-152	1111.6	711	1195.9	-0.2	-0.2
5/18/2023	3:23:10 PM	Baldwin Quarterly	MW-152	1112.2	711	1194.2	-0.2	-0.2
5/18/2023	3:44:25 PM	Baldwin Quarterly	MW-252	1722.5	1103	731.5	-0.2	-0.2
5/18/2023	3:47:25 PM	Baldwin Quarterly	MW-252	1718	1100	733.9	-0.2	-0.2
5/18/2023	3:50:25 PM	Baldwin Quarterly	MW-252	1720.3	1101	746.2	-0.1	-0.1
5/18/2023	3:53:25 PM	Baldwin Quarterly	MW-252	1719.3	1100	742.3	-0.1	-0.1
5/18/2023	4:01:52 PM	Baldwin Quarterly	MW-352	2144	1373	577.6	-0.1	-0.1
5/18/2023	4:04:52 PM	Baldwin Quarterly	MW-352	2218.7	1421	562.9	-0.1	-0.1
5/18/2023	4:07:52 PM	Baldwin Quarterly	MW-352	2221.8	1422	566.2	0	0
5/18/2023	4:10:52 PM	Baldwin Quarterly	MW-352	2194.9	1405	574.8	0	0
5/19/2023	10:46:19 AM	Baldwin Quarterly	MW-158!R	918.3	588	1369.5	-0.5	-0.5
5/19/2023	10:49:19 AM	Baldwin Quarterly	MW-158!R	917.1	587	1376.1	-0.5	-0.5
5/19/2023	10:52:19 AM	Baldwin Quarterly	MW-158!R	916.3	587	1374	-0.5	-0.5
5/19/2023	10:55:19 AM	Baldwin Quarterly	MW-158!R	917.2	587	1375.6	-0.5	-0.5
5/19/2023	11:19:13 AM	Baldwin Quarterly	mw358	5370.8	3454	213.8	0.7	0.7
5/19/2023	11:22:13 AM	Baldwin Quarterly	mw358	5644.7	3629	204.8	0.8	0.8
5/19/2023	11:25:13 AM	Baldwin Quarterly	mw358	5702.8	3665	203.5	0.9	0.9
5/19/2023	11:28:13 AM	Baldwin Quarterly	mw358	5702.4	3665	203.6	0.9	0.9
5/19/2023	12:01:23 PM	Baldwin Quarterly	mw258	1359.3	871	894.9	-0.6	-0.6
5/19/2023	12:04:23 PM	Baldwin Quarterly	mw258	1357.9	870	901.5	-0.5	-0.5
5/19/2023	12:07:23 PM	Baldwin Quarterly	mw258	1353.9	868	904.1	-0.5	-0.5
5/19/2023	12:10:23 PM	Baldwin Quarterly	mw258	1356.3	869	905.8	-0.5	-0.5
5/22/2023	10:32:08 AM	Baldwin Quarterly	MW-304	1731.7	1109	721.4	-0.3	-0.3
5/22/2023	10:35:08 AM	Baldwin Quarterly	MW-304	1720.1	1102	726.7	-0.3	-0.3
5/22/2023	10:38:08 AM	Baldwin Quarterly	MW-304	1715.9	1099	728.6	-0.3	-0.3

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DATE	TIME	SITE	DATA ID	nLFCCond ($\mu\text{S}/\text{cm}$)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/22/2023	10:41:08 AM	Baldwin Quarterly	MW-304	1716.4	1099	727.6	-0.3	-0.3
5/22/2023	11:24:10 AM	Baldwin Quarterly	MW-104&DR	718.2	460	1760.1	-0.6	-0.6
5/22/2023	11:27:09 AM	Baldwin Quarterly	MW-104&DR	715.8	458	1765.9	-0.6	-0.6
5/22/2023	11:30:09 AM	Baldwin Quarterly	MW-104&DR	713.4	457	1769.9	-0.6	-0.6
5/22/2023	11:33:09 AM	Baldwin Quarterly	MW-104&DR	712.5	456	1772.3	-0.6	-0.6
5/22/2023	11:42:15 AM	Baldwin Quarterly	MW-104#SR	918.1	588	1389.1	-0.5	-0.5
5/22/2023	11:45:15 AM	Baldwin Quarterly	MW-104#SR	916.2	586	1390.7	-0.5	-0.5
5/22/2023	11:48:15 AM	Baldwin Quarterly	MW-104#SR	899.5	576	1415.2	-0.5	-0.5
5/22/2023	11:51:15 AM	Baldwin Quarterly	MW-104#SR	903.6	578	1407.6	-0.5	-0.5
5/22/2023	12:43:22 PM	Baldwin Quarterly	MW-377	820.9	526	1528	-0.6	-0.6
5/22/2023	12:46:22 PM	Baldwin Quarterly	MW-377	820.5	525	1523.1	-0.6	-0.6
5/22/2023	12:49:22 PM	Baldwin Quarterly	MW-377	820.5	525	1525.2	-0.6	-0.6
5/22/2023	12:52:22 PM	Baldwin Quarterly	MW-377	819.7	525	1525.1	-0.6	-0.6
5/22/2023	1:34:35 PM	Baldwin Quarterly	MW-384	2064.8	1325	578.1	-0.4	-0.4
5/22/2023	1:37:35 PM	Baldwin Quarterly	MW-384	2062	1323	578	-0.4	-0.4
5/22/2023	1:40:35 PM	Baldwin Quarterly	MW-384	2038.2	1308	585.3	-0.4	-0.4
5/22/2023	1:43:35 PM	Baldwin Quarterly	MW-384	1993.8	1279	599.3	-0.4	-0.4
5/22/2023	2:19:10 PM	Baldwin Quarterly	mw383	1086.4	698	1068.1	-1	-1
5/22/2023	2:22:10 PM	Baldwin Quarterly	mw383	1078.5	693	1073.7	-1.1	-1.1
5/22/2023	2:25:10 PM	Baldwin Quarterly	mw383	1072.2	689	1078.7	-1.1	-1.1
5/22/2023	2:28:10 PM	Baldwin Quarterly	mw383	1067.3	686	1084.6	-1.1	-1.1
5/22/2023	3:40:58 PM	Baldwin Quarterly	mw153	443.1	283	2916.8	-0.6	-0.6
5/22/2023	3:43:58 PM	Baldwin Quarterly	mw153	441	282	2941.3	-0.5	-0.5
5/22/2023	3:46:58 PM	Baldwin Quarterly	mw153	441.5	282	2940.9	-0.5	-0.5
5/22/2023	3:49:58 PM	Baldwin Quarterly	mw153	443.4	284	2934.3	-0.5	-0.5
5/22/2023	4:46:13 PM	Baldwin Quarterly	MW-155	668	427	1956.4	-0.4	-0.4
5/22/2023	4:49:13 PM	Baldwin Quarterly	MW-155	672.4	430	1930.2	-0.5	-0.5
5/22/2023	4:52:13 PM	Baldwin Quarterly	MW-155	670.9	429	1934.3	-0.5	-0.5
5/22/2023	4:55:13 PM	Baldwin Quarterly	MW-155	668.1	427	1950.6	-0.4	-0.4
5/22/2023	5:16:36 PM	Baldwin Quarterly	MW-355	629.6	403	2048.8	-0.5	-0.5
5/22/2023	5:19:36 PM	Baldwin Quarterly	MW-355	630.7	404	2037.5	-0.5	-0.5
5/22/2023	5:22:36 PM	Baldwin Quarterly	MW-355	636	407	2020.2	-0.5	-0.5
5/22/2023	5:25:36 PM	Baldwin Quarterly	MW-355	641.2	410	2004.3	-0.5	-0.5
5/23/2023	10:46:33 AM	Baldwin Quarterly	XPW02	686.9	440	1790	-0.8	-0.8

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DATE	TIME	SITE	DATA ID	nLFCCond ($\mu\text{S}/\text{cm}$)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/23/2023	10:49:33 AM	Baldwin Quarterly	XPW02	682.5	438	1772.1	-0.9	-0.9
5/23/2023	10:52:33 AM	Baldwin Quarterly	XPW02	686.6	440	1764.4	-0.9	-0.9
5/23/2023	10:55:33 AM	Baldwin Quarterly	XPW02	687.7	441	1757.8	-0.9	-0.9
5/23/2023	11:33:17 AM	Baldwin Quarterly	XPW05	610.6	392	1921.3	-1.1	-1.1
5/23/2023	11:36:17 AM	Baldwin Quarterly	XPW05	605	389	1940.6	-1.1	-1.1
5/23/2023	11:39:17 AM	Baldwin Quarterly	XPW05	599.7	385	1958.5	-1.1	-1.1
5/23/2023	11:42:17 AM	Baldwin Quarterly	XPW05	596.1	383	1965.9	-1.2	-1.2
5/23/2023	12:20:45 PM	Baldwin Quarterly	TPZ-164_pore	719.5	461	1730	-0.7	-0.7
5/23/2023	12:23:45 PM	Baldwin Quarterly	TPZ-164_pore	722.2	463	1705.5	-0.7	-0.7
5/23/2023	12:26:45 PM	Baldwin Quarterly	TPZ-164_pore	725.7	465	1712.4	-0.7	-0.7
5/23/2023	12:29:45 PM	Baldwin Quarterly	TPZ-164_pore	727.4	466	1716.3	-0.7	-0.7
5/23/2023	12:54:20 PM	Baldwin Quarterly	XPW04	642.2	411	2007.2	-0.5	-0.5
5/23/2023	12:57:20 PM	Baldwin Quarterly	XPW04	639.4	409	1978.3	-0.6	-0.6
5/23/2023	1:00:20 PM	Baldwin Quarterly	XPW04	638.6	409	1976.1	-0.6	-0.6
5/23/2023	1:03:20 PM	Baldwin Quarterly	XPW04	640	410	1976.5	-0.6	-0.6
5/23/2023	1:54:21 PM	Baldwin Quarterly	XPW01	404.3	259	3052.3	-0.9	-0.9
5/23/2023	1:57:21 PM	Baldwin Quarterly	XPW01	405.6	260	3001.8	-0.9	-0.9
5/23/2023	2:00:21 PM	Baldwin Quarterly	XPW01	406.3	260	3003.8	-0.9	-0.9
5/23/2023	2:03:21 PM	Baldwin Quarterly	XPW01	406.3	260	3003.9	-0.9	-0.9
5/23/2023	2:59:05 PM	Baldwin Quarterly	XPW06	655	420	1852.8	-0.9	-0.9
5/23/2023	3:02:05 PM	Baldwin Quarterly	XPW06	644.4	413	1862.5	-1	-1
5/23/2023	3:05:05 PM	Baldwin Quarterly	XPW06	643.5	413	1874	-0.9	-0.9
5/23/2023	3:08:05 PM	Baldwin Quarterly	XPW06	642.1	412	1884.4	-0.9	-0.9
5/23/2023	4:02:25 PM	Baldwin Quarterly	MW-306	445.9	286	2793.7	-0.8	-0.8
5/23/2023	4:05:25 PM	Baldwin Quarterly	MW-306	431.7	277	2875.5	-0.8	-0.8
5/23/2023	4:08:25 PM	Baldwin Quarterly	MW-306	445.4	285	2791.1	-0.8	-0.8
5/23/2023	4:11:25 PM	Baldwin Quarterly	MW-306	497.4	319	2497.3	-0.8	-0.8
5/23/2023	4:59:47 PM	Baldwin Quarterly	MW-307	2437.1	1561	511.5	0	0
5/23/2023	5:02:47 PM	Baldwin Quarterly	MW-307	2398	1537	507.3	-0.2	-0.2
5/23/2023	5:05:47 PM	Baldwin Quarterly	MW-307	2454.5	1572	509.2	0	0
5/23/2023	5:08:47 PM	Baldwin Quarterly	MW-307	2465.8	1579	508.4	0.1	0.1
5/23/2023	6:05:42 PM	Baldwin Quarterly	MW-204	986.5	632	1266.1	-0.6	-0.6
5/23/2023	6:08:42 PM	Baldwin Quarterly	MW-204	985.5	631	1277.5	-0.5	-0.5
5/23/2023	6:11:42 PM	Baldwin Quarterly	MW-204	984.6	630	1285	-0.5	-0.5

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DATE	TIME	SITE	DATA ID	nLFCond (µS/cm)	TDS (mg/L)	Resistivity (ohms-cm)	Sigma-T (s t)	Sigma (s)
5/23/2023	6:35:59 PM	Baldwin Quarterly	MW-203	938	600	1347.3	-0.5	-0.5
5/23/2023	6:38:59 PM	Baldwin Quarterly	MW-203	939.7	601	1348.1	-0.5	-0.5
5/23/2023	6:41:59 PM	Baldwin Quarterly	MW-203	934.1	598	1357.4	-0.5	-0.5
5/23/2023	6:44:59 PM	Baldwin Quarterly	MW-203	934	598	1358.8	-0.5	-0.5
5/16/2023	11:04:39	Baldwin Quarterly	MW-392					
5/16/2023	11:07:39	Baldwin Quarterly	MW-392					
5/16/2023	11:10:39	Baldwin Quarterly	MW-392					
5/16/2023	12:23:06	Baldwin Quarterly	MW-356					
5/16/2023	12:26:06	Baldwin Quarterly	MW-356					
5/16/2023	12:29:06	Baldwin Quarterly	MW-356					
5/16/2023	14:18:46	Baldwin Quarterly	MW-370					
5/16/2023	14:21:46	Baldwin Quarterly	MW-370					
5/16/2023	14:24:46	Baldwin Quarterly	MW-370					
5/16/2023	14:57:42	Baldwin Quarterly	MW-369					
5/16/2023	15:00:42	Baldwin Quarterly	MW-369					
5/16/2023	15:03:42	Baldwin Quarterly	MW-369					
5/17/2023	16:24:24	Baldwin Quarterly	MW-391					
5/17/2023	16:27:24	Baldwin Quarterly	MW-391					
5/17/2023	16:30:24	Baldwin Quarterly	MW-391					
5/17/2023	16:33:24	Baldwin Quarterly	MW-391					
5/17/2023	16:36:24	Baldwin Quarterly	MW-391					
	12:41	Baldwin Quarterly	OW-156					
	12:44	Baldwin Quarterly	OW-156					
	12:47	Baldwin Quarterly	OW-156					

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/15/2023	12:54:50 PM	Baldwin Quarterly	MW-194	0	9.78	1.61	1.61	6.49	14.8	124.6
5/15/2023	12:57:50 PM	Baldwin Quarterly	MW-194	0	7.25	1.77	1.77	6.49	14.7	118.1
5/15/2023	1:00:50 PM	Baldwin Quarterly	MW-194	0	17.18	1.68	1.68	6.5	14.3	112.3
5/15/2023	1:03:50 PM	Baldwin Quarterly	MW-194	0	4.43	1.57	1.57	6.5	14.1	106.7
5/15/2023	1:06:50 PM	Baldwin Quarterly	MW-194	0	6.6	1.65	1.65	6.5	13.9	102.2
5/15/2023	1:09:50 PM	Baldwin Quarterly	MW-194	0	5.04	1.82	1.82	6.51	13.4	97.8
5/15/2023	1:44:59 PM	Baldwin Quarterly	MW-394	0	2.89	1.55	1.55	7.98	-69.4	-278.9
5/15/2023	1:47:59 PM	Baldwin Quarterly	MW-394	0	0.36	1.45	1.45	8	-70.6	-292.5
5/15/2023	1:50:59 PM	Baldwin Quarterly	MW-394	0	1.77	1.49	1.49	8.04	-72.4	-293.8
5/15/2023	1:53:59 PM	Baldwin Quarterly	MW-394	0	-0.89	1.6	1.6	8.08	-74.7	-285.5
5/15/2023	2:47:15 PM	Baldwin Quarterly	MW-193	0	5.25	1.82	1.82	6.83	-4.5	-29.2
5/15/2023	2:50:15 PM	Baldwin Quarterly	MW-193	0	3.6	1.72	1.72	6.81	-3.3	-28.5
5/15/2023	2:53:15 PM	Baldwin Quarterly	MW-193	0	2.85	1.58	1.58	6.79	-2.5	-28.4
5/15/2023	2:56:15 PM	Baldwin Quarterly	MW-193	0	2.02	1.61	1.61	6.78	-1.9	-27.9
5/15/2023	3:34:22 PM	Baldwin Quarterly	mw393	0	0.95	1.14	1.14	8.33	-88.8	-288.6
5/15/2023	3:37:22 PM	Baldwin Quarterly	mw393	0	-0.75	1.1	1.1	8.32	-88.2	-297.5
5/15/2023	3:40:22 PM	Baldwin Quarterly	mw393	0	-1.29	1.11	1.11	8.3	-87.2	-302
5/15/2023	3:43:22 PM	Baldwin Quarterly	mw393	0	-1.79	1.12	1.12	8.28	-86.4	-306.3
5/16/2023	10:28:44 AM	Baldwin Quarterly	MW-192	0	15.31	1.59	1.59	6.33	20.7	-21
5/16/2023	10:31:44 AM	Baldwin Quarterly	MW-192	0	4.88	1.54	1.54	6.4	17.1	-45.7
5/16/2023	10:34:44 AM	Baldwin Quarterly	MW-192	0	10.15	1.28	1.28	6.47	13.3	-62
5/16/2023	10:37:44 AM	Baldwin Quarterly	MW-192	0	9.18	1.09	1.09	6.48	12.4	-71.7
5/16/2023	11:01:40 AM	Baldwin Quarterly	MW-392	0	9.59	2.61	2.61	7.27	-31.8	-60.3
5/16/2023	11:31:21 AM	Baldwin Quarterly	MW-392	0	2.98	2.11	2.11	7.71	-56.6	-84.6
5/16/2023	12:20:06 PM	Baldwin Quarterly	MW-356	0	3.69	2.24	2.24	7.77	-59.3	5.8
5/16/2023	2:15:46 PM	Baldwin Quarterly	MW-370	0	1.56	0.9	0.9	7.63	-52	36.7
5/16/2023	2:54:41 PM	Baldwin Quarterly	MW-369	0	2.71	2.64	2.64	7.36	-36.6	82
5/16/2023	3:33:38 PM	Baldwin Quarterly	MW-382	0	10.99	1.28	1.28	7.85	-64.3	49.3
5/16/2023	3:36:38 PM	Baldwin Quarterly	MW-382	0	12.66	1.17	1.17	7.78	-60.2	50
5/16/2023	3:39:38 PM	Baldwin Quarterly	MW-382	0	25.58	1.11	1.11	7.75	-58.3	49.5
5/16/2023	3:42:38 PM	Baldwin Quarterly	MW-382	0	44.14	1.12	1.12	7.72	-56.8	48.6
5/16/2023	4:12:00 PM	Baldwin Quarterly	OW-157	0	34.02	3.53	3.53	6.84	-7.5	87.9
5/16/2023	4:13:08 PM	Baldwin Quarterly	OW-157	0	31.84	4.04	4.04	6.69	0.6	73.5
5/16/2023	4:15:07 PM	Baldwin Quarterly	OW-157	0	31.59	3.8	3.8	6.53	9.8	63.6

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/16/2023	4:39:32 PM	Baldwin Quarterly	MW-366	0	5.83	1.76	1.76	6.86	-9	94.8
5/16/2023	4:42:32 PM	Baldwin Quarterly	MW-366	0	3.77	1.86	1.86	6.87	-9.2	93.7
5/16/2023	4:45:32 PM	Baldwin Quarterly	MW-366	0	3.18	1.76	1.76	6.87	-9.2	93.6
5/16/2023	4:48:32 PM	Baldwin Quarterly	MW-366	0	2.79	1.84	1.84	6.86	-8.7	94.7
5/17/2023	11:07:50 AM	Baldwin Quarterly	OW-256	0	16.4	0.78	0.78	6.65	1.7	13.7
5/17/2023	11:10:50 AM	Baldwin Quarterly	OW-256	0	11.79	0.78	0.78	6.66	1.1	7.2
5/17/2023	11:13:50 AM	Baldwin Quarterly	OW-256	0	8.07	0.78	0.78	6.67	1	3.2
5/17/2023	11:16:50 AM	Baldwin Quarterly	OW-256	0	5.43	0.77	0.77	6.67	0.8	0.2
5/17/2023	11:44:55 AM	Baldwin Quarterly	PZ-170	0	6.94	1.02	1.02	6.55	7.3	-74.1
5/17/2023	11:47:55 AM	Baldwin Quarterly	PZ-170	0	5.3	0.95	0.95	6.52	8.9	-72.2
5/17/2023	11:50:55 AM	Baldwin Quarterly	PZ-170	0	4.42	0.96	0.96	6.52	9.5	-68.7
5/17/2023	11:53:55 AM	Baldwin Quarterly	PZ-170	0	3.69	0.93	0.93	6.52	9.2	-67.4
5/17/2023	12:47:00 PM	Baldwin Quarterly	OW-257	0	25.39	0.93	0.93	6.83	-8.4	-68.7
5/17/2023	12:50:00 PM	Baldwin Quarterly	OW-257	0	108.75	0.9	0.9	6.83	-8	-66.2
5/17/2023	2:12:05 PM	Baldwin Quarterly	PZ-182	0	37	0.76	0.76	6.65	1.8	-80.7
5/17/2023	2:15:05 PM	Baldwin Quarterly	PZ-182	0	34.27	0.74	0.74	6.64	2.3	-74.7
5/17/2023	2:18:05 PM	Baldwin Quarterly	PZ-182	0	35.08	0.74	0.74	6.63	2.7	-70.3
5/17/2023	2:21:05 PM	Baldwin Quarterly	PZ-182	0	35.76	0.73	0.73	6.63	2.9	-67.1
5/17/2023	3:05:38 PM	Baldwin Quarterly	MW-390	0	8.87	0.87	0.87	7.16	-26.7	-72.5
5/17/2023	3:08:38 PM	Baldwin Quarterly	MW-390	0	4.68	0.83	0.83	7.1	-23.5	-64.6
5/17/2023	3:16:01 PM	Baldwin Quarterly	MW-390	0	1.41	0.78	0.78	7.03	-19.1	-50.7
5/17/2023	3:19:01 PM	Baldwin Quarterly	MW-390	0	2.52	0.77	0.77	6.94	-14.4	-44.7
5/17/2023	3:22:01 PM	Baldwin Quarterly	MW-390	0	1.47	0.77	0.77	6.86	-9.7	-37.3
5/17/2023	3:25:01 PM	Baldwin Quarterly	MW-390	0	2.48	0.76	0.76	6.83	-8.1	-32
5/17/2023	4:21:25 PM	Baldwin Quarterly	MW-391	0	10.54	0.97	0.97	7.8	-62.2	56.5
5/18/2023	10:28:30 AM	Baldwin Quarterly	MW-350	0	5.11	1.24	1.24	11.41	-262.4	-107.8
5/18/2023	10:31:30 AM	Baldwin Quarterly	MW-350	0	2.29	1.14	1.14	11.41	-262.1	-115.4
5/18/2023	10:34:30 AM	Baldwin Quarterly	MW-350	0	1.66	0.98	0.98	11.41	-262.3	-118
5/18/2023	10:37:30 AM	Baldwin Quarterly	MW-350	0	2.27	0.96	0.96	11.41	-262.3	-123.4
5/18/2023	11:10:29 AM	Baldwin Quarterly	MW-150	0	5.49	2.05	2.05	7.39	-39.2	-97.5
5/18/2023	11:13:29 AM	Baldwin Quarterly	MW-150	0	2.53	2.1	2.1	7.19	-27.9	-34.4
5/18/2023	11:16:29 AM	Baldwin Quarterly	MW-150	0	1.61	2.09	2.09	7.11	-23.2	-0.3
5/18/2023	11:19:29 AM	Baldwin Quarterly	MW-150	0	1	2.21	2.21	7.06	-20.9	19.5
5/18/2023	12:23:27 PM	Baldwin Quarterly	MW-375	0	5.18	1.05	1.05	7.8	-62.1	-5.4

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/18/2023	12:26:27 PM	Baldwin Quarterly	MW-375	0	2.74	0.9	0.9	7.76	-59.7	-5
5/18/2023	12:29:27 PM	Baldwin Quarterly	MW-375	0	1.63	0.85	0.85	7.74	-58.5	2.5
5/18/2023	12:32:27 PM	Baldwin Quarterly	MW-375	0	0.96	0.83	0.83	7.74	-58.5	7.3
5/18/2023	1:39:22 PM	Baldwin Quarterly	MW-151	0	7.74	1.01	1.01	6.79	-5.7	125.7
5/18/2023	1:42:22 PM	Baldwin Quarterly	MW-151	0	5.4	1.05	1.05	6.78	-5.4	126.1
5/18/2023	1:45:22 PM	Baldwin Quarterly	MW-151	0	20.74	1.38	1.38	6.81	-6.9	125.5
5/18/2023	1:48:22 PM	Baldwin Quarterly	MW-151	0	69.96	1.48	1.48	6.82	-7.4	125.3
5/18/2023	3:14:10 PM	Baldwin Quarterly	MW-152	0	21.16	0.83	0.83	6.92	-13	129.4
5/18/2023	3:17:10 PM	Baldwin Quarterly	MW-152	0	17.84	0.83	0.83	6.92	-13.2	128.3
5/18/2023	3:20:10 PM	Baldwin Quarterly	MW-152	0	14.3	0.82	0.82	6.93	-13.4	127.2
5/18/2023	3:23:10 PM	Baldwin Quarterly	MW-152	0	11.56	0.81	0.81	6.93	-13.6	126.3
5/18/2023	3:44:25 PM	Baldwin Quarterly	MW-252	0	17.59	1.71	1.71	6.74	-3.2	83.9
5/18/2023	3:47:25 PM	Baldwin Quarterly	MW-252	0	14.57	1.62	1.62	6.74	-3.2	76
5/18/2023	3:50:25 PM	Baldwin Quarterly	MW-252	0	11.66	1.48	1.48	6.75	-3.5	69.3
5/18/2023	3:53:25 PM	Baldwin Quarterly	MW-252	0	10.02	1.19	1.19	6.75	-3.4	62.5
5/18/2023	4:01:52 PM	Baldwin Quarterly	MW-352	0	1	1.74	1.74	7.25	-31.1	-0.4
5/18/2023	4:04:52 PM	Baldwin Quarterly	MW-352	0	2.67	0.99	0.99	7.32	-35.1	-50.4
5/18/2023	4:07:52 PM	Baldwin Quarterly	MW-352	0	4.29	0.89	0.89	7.38	-38.5	-93.9
5/18/2023	4:10:52 PM	Baldwin Quarterly	MW-352	0	2.99	0.8	0.8	7.41	-40.3	-118.8
5/19/2023	10:46:19 AM	Baldwin Quarterly	MW-158!R	0	15.41	1.85	1.85	6.62	2.2	179.1
5/19/2023	10:49:19 AM	Baldwin Quarterly	MW-158!R	0	22.71	1.76	1.76	6.62	2.2	176.9
5/19/2023	10:52:19 AM	Baldwin Quarterly	MW-158!R	0	30.08	1.85	1.85	6.6	3.2	175.9
5/19/2023	10:55:19 AM	Baldwin Quarterly	MW-158!R	0	43.15	1.74	1.74	6.59	3.8	174.9
5/19/2023	11:19:13 AM	Baldwin Quarterly	mw358	0	5.1	2.38	2.38	7.5	-47.6	22
5/19/2023	11:22:13 AM	Baldwin Quarterly	mw358	0	4.01	1.58	1.58	7.57	-51.2	-13.3
5/19/2023	11:25:13 AM	Baldwin Quarterly	mw358	0	3.52	1.29	1.29	7.6	-53	-58.2
5/19/2023	11:28:13 AM	Baldwin Quarterly	mw358	0	2.77	1.2	1.2	7.62	-53.9	-91.4
5/19/2023	12:01:23 PM	Baldwin Quarterly	mw258	0	12.43	1.71	1.71	8.44	-100.3	-112.5
5/19/2023	12:04:23 PM	Baldwin Quarterly	mw258	0	7.09	1.49	1.49	8.38	-96.5	-144.1
5/19/2023	12:07:23 PM	Baldwin Quarterly	mw258	0	4.97	1.39	1.39	8.35	-95.1	-151.8
5/19/2023	12:10:23 PM	Baldwin Quarterly	mw258	0	5.41	1.42	1.42	8.34	-94.4	-157.2
5/22/2023	10:32:08 AM	Baldwin Quarterly	MW-304	0	0.4	0.98	0.98	7.53	-49.2	119.2
5/22/2023	10:35:08 AM	Baldwin Quarterly	MW-304	0	-0.14	0.86	0.86	7.51	-48.5	117.8
5/22/2023	10:38:08 AM	Baldwin Quarterly	MW-304	0	-0.34	0.86	0.86	7.51	-48.2	116.7

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/22/2023	10:41:08 AM	Baldwin Quarterly	MW-304	0	-0.2	0.81	0.81	7.51	-48.4	115.5
5/22/2023	11:24:10 AM	Baldwin Quarterly	MW-104&DR	0	0.17	1.33	1.33	6.75	-7.8	126.7
5/22/2023	11:27:09 AM	Baldwin Quarterly	MW-104&DR	0	0.01	1.19	1.19	6.73	-6.6	130.3
5/22/2023	11:30:09 AM	Baldwin Quarterly	MW-104&DR	0	-0.16	1.03	1.03	6.72	-6.1	132.4
5/22/2023	11:33:09 AM	Baldwin Quarterly	MW-104&DR	0	-0.2	0.99	0.99	6.72	-5.9	133.7
5/22/2023	11:42:15 AM	Baldwin Quarterly	MW-104#SR	0	2.38	0.89	0.89	6.39	11.6	77.5
5/22/2023	11:45:15 AM	Baldwin Quarterly	MW-104#SR	0	1.29	0.83	0.83	6.39	11.4	59.9
5/22/2023	11:48:15 AM	Baldwin Quarterly	MW-104#SR	0	0.82	0.86	0.86	6.42	9.8	40.9
5/22/2023	11:51:15 AM	Baldwin Quarterly	MW-104#SR	0	0.56	0.85	0.85	6.44	8.8	23.4
5/22/2023	12:43:22 PM	Baldwin Quarterly	MW-377	0	5.92	0.94	0.94	7.06	-24.3	103
5/22/2023	12:46:22 PM	Baldwin Quarterly	MW-377	0	7.64	1.3	1.3	7.02	-22.1	105.5
5/22/2023	12:49:22 PM	Baldwin Quarterly	MW-377	0	4.95	1.62	1.62	7.01	-21.6	107.2
5/22/2023	12:52:22 PM	Baldwin Quarterly	MW-377	0	2.39	1.85	1.85	7.01	-21.5	108.5
5/22/2023	1:34:35 PM	Baldwin Quarterly	MW-384	0	7.22	0.91	0.91	8.11	-80.5	58.9
5/22/2023	1:37:35 PM	Baldwin Quarterly	MW-384	0	9.07	0.88	0.88	8.06	-78.1	58.8
5/22/2023	1:40:35 PM	Baldwin Quarterly	MW-384	0	12.45	0.87	0.87	7.88	-68.2	62.8
5/22/2023	1:43:35 PM	Baldwin Quarterly	MW-384	0	10.47	0.94	0.94	7.66	-56.4	69.1
5/22/2023	2:19:10 PM	Baldwin Quarterly	mw383	0	3.35	0.81	0.81	7.62	-54.3	86
5/22/2023	2:22:10 PM	Baldwin Quarterly	mw383	0	7.48	0.79	0.79	7.54	-50.1	90
5/22/2023	2:25:10 PM	Baldwin Quarterly	mw383	0	9.49	0.76	0.76	7.51	-48.5	84.3
5/22/2023	2:28:10 PM	Baldwin Quarterly	mw383	0	9.52	0.74	0.74	7.49	-47.7	69.5
5/22/2023	3:40:58 PM	Baldwin Quarterly	mw153	0	1.66	2.26	2.26	7.7	-58.4	101.4
5/22/2023	3:43:58 PM	Baldwin Quarterly	mw153	0	3.45	2.37	2.37	7.47	-45.9	108.2
5/22/2023	3:46:58 PM	Baldwin Quarterly	mw153	0	18.12	2.45	2.45	7.31	-37.4	113.2
5/22/2023	3:49:58 PM	Baldwin Quarterly	mw153	0	41.97	2.54	2.54	7.19	-31.3	117.2
5/22/2023	4:46:13 PM	Baldwin Quarterly	MW-155	0	5.99	1.32	1.32	7.03	-22.4	137.3
5/22/2023	4:49:13 PM	Baldwin Quarterly	MW-155	0	3.98	1.24	1.24	6.96	-18.9	139.9
5/22/2023	4:52:13 PM	Baldwin Quarterly	MW-155	0	3.54	1.18	1.18	6.94	-17.6	141.3
5/22/2023	4:55:13 PM	Baldwin Quarterly	MW-155	0	2.41	1.1	1.1	6.92	-16.8	142.2
5/22/2023	5:16:36 PM	Baldwin Quarterly	MW-355	0	1.7	4.07	4.07	7.13	-27.9	94.4
5/22/2023	5:19:36 PM	Baldwin Quarterly	MW-355	0	1.52	3.61	3.61	7.08	-25.2	100.4
5/22/2023	5:22:36 PM	Baldwin Quarterly	MW-355	0	1.71	3.3	3.3	7.03	-22.6	104.6
5/22/2023	5:25:36 PM	Baldwin Quarterly	MW-355	0	1.22	2.9	2.9	6.98	-19.7	108
5/23/2023	10:46:33 AM	Baldwin Quarterly	XPW02	0	16.15	0.79	0.79	6.94	-14.9	22.4

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/23/2023	10:49:33 AM	Baldwin Quarterly	XPW02	0	12.06	0.78	0.78	6.98	-16.9	-11.7
5/23/2023	10:52:33 AM	Baldwin Quarterly	XPW02	0	7.65	0.77	0.77	7.01	-19	-36.8
5/23/2023	10:55:33 AM	Baldwin Quarterly	XPW02	0	6.39	0.76	0.76	7.05	-20.6	-55.6
5/23/2023	11:33:17 AM	Baldwin Quarterly	XPW05	0	14.03	0.72	0.72	7.07	-21.7	-36.3
5/23/2023	11:36:17 AM	Baldwin Quarterly	XPW05	0	8.72	0.72	0.72	7.11	-23.9	-54.6
5/23/2023	11:39:17 AM	Baldwin Quarterly	XPW05	0	5.49	0.71	0.71	7.14	-25.5	-67
5/23/2023	11:42:17 AM	Baldwin Quarterly	XPW05	0	4.27	0.7	0.7	7.16	-26.9	-76
5/23/2023	12:20:45 PM	Baldwin Quarterly	TPZ-164_pore	0	5.72	1.06	1.06	7.23	-30.3	25.1
5/23/2023	12:23:45 PM	Baldwin Quarterly	TPZ-164_pore	0	3.03	0.97	0.97	7.15	-25.9	-29.1
5/23/2023	12:26:45 PM	Baldwin Quarterly	TPZ-164_pore	0	2.6	0.94	0.94	7.15	-26.2	-55.6
5/23/2023	12:29:45 PM	Baldwin Quarterly	TPZ-164_pore	0	2.23	0.88	0.88	7.15	-26.4	-71.2
5/23/2023	12:54:20 PM	Baldwin Quarterly	XPW04	0	12.58	2.34	2.34	8.2	-81.7	32.1
5/23/2023	12:57:20 PM	Baldwin Quarterly	XPW04	0	7.77	2.29	2.29	8.23	-83.4	3.1
5/23/2023	1:00:20 PM	Baldwin Quarterly	XPW04	0	5.11	2.5	2.5	8.24	-84	-17.8
5/23/2023	1:03:20 PM	Baldwin Quarterly	XPW04	0	4.76	2.29	2.29	8.23	-83.6	-35.5
5/23/2023	1:54:21 PM	Baldwin Quarterly	XPW01	0	10.19	1.59	1.59	7.07	-21.7	35.6
5/23/2023	1:57:21 PM	Baldwin Quarterly	XPW01	0	7.23	1.39	1.39	7.02	-19.2	17.5
5/23/2023	2:00:21 PM	Baldwin Quarterly	XPW01	0	4.93	1.52	1.52	7.01	-18.9	3.9
5/23/2023	2:03:21 PM	Baldwin Quarterly	XPW01	0	4.11	1.56	1.56	7	-18.2	-5.5
5/23/2023	2:59:05 PM	Baldwin Quarterly	XPW06	0	1.15	1.17	1.17	7.24	-31.2	-50.2
5/23/2023	3:02:05 PM	Baldwin Quarterly	XPW06	0	0.9	1.21	1.21	7.22	-30.1	-70.8
5/23/2023	3:05:05 PM	Baldwin Quarterly	XPW06	0	0.69	1.06	1.06	7.22	-30.1	-81.9
5/23/2023	3:08:05 PM	Baldwin Quarterly	XPW06	0	0.39	0.99	0.99	7.23	-30.7	-88.5
5/23/2023	4:02:25 PM	Baldwin Quarterly	MW-306	0	1.02	0.94	0.94	10.49	-204.1	-13.6
5/23/2023	4:05:25 PM	Baldwin Quarterly	MW-306	0	1	0.96	0.96	10.38	-198.6	-12.6
5/23/2023	4:08:25 PM	Baldwin Quarterly	MW-306	0	0.63	1.56	1.56	10.8	-220.6	-19.1
5/23/2023	4:11:25 PM	Baldwin Quarterly	MW-306	0	0.55	2.3	2.3	11.14	-238.8	-29.6
5/23/2023	4:59:47 PM	Baldwin Quarterly	MW-307	0	9.39	1.07	1.07	11.97	-282.8	-43.4
5/23/2023	5:02:47 PM	Baldwin Quarterly	MW-307	0	10.65	0.93	0.93	11.95	-283	-52.4
5/23/2023	5:05:47 PM	Baldwin Quarterly	MW-307	0	7.23	0.85	0.85	12.01	-285	-58.6
5/23/2023	5:08:47 PM	Baldwin Quarterly	MW-307	0	5.11	0.87	0.87	12.03	-286.1	-63.4
5/23/2023	6:05:42 PM	Baldwin Quarterly	MW-204	0	2.37	0.93	0.93	7.75	-58	-80.9
5/23/2023	6:08:42 PM	Baldwin Quarterly	MW-204	0	2.79	0.85	0.85	7.69	-55.1	-101.6
5/23/2023	6:11:42 PM	Baldwin Quarterly	MW-204	0	2.84	0.85	0.85	7.67	-53.6	-112.7

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DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
5/23/2023	6:35:59 PM	Baldwin Quarterly	MW-203	0	5.49	0.91	0.91	7.72	-56.2	-9.9
5/23/2023	6:38:59 PM	Baldwin Quarterly	MW-203	0	1.82	0.89	0.89	7.65	-52.9	-14.1
5/23/2023	6:41:59 PM	Baldwin Quarterly	MW-203	0	1	0.8	0.8	7.61	-50.7	-19.8
5/23/2023	6:44:59 PM	Baldwin Quarterly	MW-203	0	0.77	0.78	0.78	7.6	-49.9	-25.3
5/16/2023	11:04:39	Baldwin Quarterly	MW-392		18.04	1.8	1.8	7.48		-104.1
5/16/2023	11:07:39	Baldwin Quarterly	MW-392		8	1.66	1.66	7.52		-115
5/16/2023	11:10:39	Baldwin Quarterly	MW-392		5.99	1.67	1.67	7.54		-120.6
5/16/2023	12:23:06	Baldwin Quarterly	MW-356		5.66	2.01	2.01	7.74		7.1
5/16/2023	12:26:06	Baldwin Quarterly	MW-356		7.66	1.82	1.82	7.71		6.2
5/16/2023	12:29:06	Baldwin Quarterly	MW-356		9.57	1.6	1.6	7.69		4.8
5/16/2023	14:18:46	Baldwin Quarterly	MW-370		1.52	0.86	0.86	7.57		37.2
5/16/2023	14:21:46	Baldwin Quarterly	MW-370		1.52	0.83	0.83	7.514		36.8
5/16/2023	14:24:46	Baldwin Quarterly	MW-370		1.5	0.81	0.81	7.47		35.9
5/16/2023	14:57:42	Baldwin Quarterly	MW-369		7.38	1.48	1.48	7.34		-45.7
5/16/2023	15:00:42	Baldwin Quarterly	MW-369		8.31	1.62	1.62	7.11		-32
5/16/2023	15:03:42	Baldwin Quarterly	MW-369		3.31	1.61	1.61	7.02		-21.2
5/17/2023	16:24:24	Baldwin Quarterly	MW-391		10.42	1.11	1.11	7.78		56.5
5/17/2023	16:27:24	Baldwin Quarterly	MW-391		12.4	1.21	1.21	7.76		56.3
5/17/2023	16:30:24	Baldwin Quarterly	MW-391		13.51	1.2	1.2	7.76		55.7
5/17/2023	16:33:24	Baldwin Quarterly	MW-391		16.67	1.16	1.16	7.77		54.8
5/17/2023	16:36:24	Baldwin Quarterly	MW-391		18.7	1.07	1.07	7.78		53.4
	12:41	Baldwin Quarterly	OW-156		5.89	2.16	2.16	7.77		6.5
	12:44	Baldwin Quarterly	OW-156		4.62	2.2	2.2	7.77		6.2
	12:47	Baldwin Quarterly	OW-156		3.69	2.24	2.24	7.77		5.8

Site Sampling Event	Baldwin 2Q 2023
LIMS Workorder	23050523
Technician	TAC/BG

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW-104#SR	5/22/2023	11:51	1151	14.5	58.1	6.44	889.6	889.6	0.85
MW-104&DR	5/22/2023	11:33	1133	14.7	58.46	6.72	701.7	701.7	0.99
MW-150	5/18/2023	11:19	1119	13.6	56.48	7.06	2218.7	2218.7	2.21
MW-151	5/18/2023	13:48	1348	12.6	54.68	6.82	991.2	991.2	1.48
MW-152	5/18/2023	15:23	1523	12.7	54.86	6.93	1093.8	1093.8	0.81
mw153	5/22/2023	15:49	1549	13.5	56.3	7.19	436.2	436.2	2.54
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW-155	5/22/2023	16:55	1655	13.5	56.3	6.92	657.3	657.3	1.1
MW-158!R	5/19/2023	10:55	1055	14.8	58.64	6.59	903.3	903.3	1.74
MW-192	5/16/2023	10:37	1037	16.1	60.98	6.48	809.1	809.1	1.09
MW-193	5/15/2023	14:56	1456	17.2	62.96	6.78	973.7	973.7	1.61
MW-194	5/15/2023	13:09	1309	16.9	62.42	6.51	876.2	876.2	1.82
MW-203	5/23/2023	18:44	1844	14.5	58.1	7.6	919.7	919.7	0.78
MW-204	5/23/2023	18:11	1811	14.7	58.46	7.67	969.6	969.6	0.85
MW-252	5/18/2023	15:53	1553	14.3	57.74	6.75	1692.6	1692.6	1.19
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
mw258	5/19/2023	12:10	1210	15.9	60.62	8.34	1337.2	1337.2	1.42
MW-304	5/22/2023	10:41	1041	15.2	59.36	7.51	1691.1	1691.1	0.81
MW-306	5/23/2023	16:11	1611	15.4	59.72	11.14	490.2	490.2	2.3
MW-307	5/23/2023	17:08	1708	15	59	12.03	2429	2429	0.87
MW-350	5/18/2023	10:37	1037	14.1	57.38	11.41	1237.7	1237.7	0.96
MW-352	5/18/2023	16:10	1610	14.8	58.64	7.41	2161.6	2161.6	0.8
MW-355	5/22/2023	17:25	1725	14	57.2	6.98	631.1	631.1	2.9
MW-356	5/16/2023	12:29	1229	15.3	59.54	7.69	1166	1166	1.6
mw358	5/19/2023	11:28	1128	18.2	64.76	7.62	5638	5638	1.2
MW-366	5/16/2023	16:48	1648	14.5	58.1	6.86	1577.7	1577.7	1.84
MW-369	5/16/2023	15:03	1503	15.2	59.36	7.02	1213	1213	1.61
MW-370	5/16/2023	14:24	1424	15.7	60.26	7.47	5461	5461	0.81
MW-375	5/18/2023	12:32	1232	15	59	7.74	1619.5	1619.5	0.83
MW-377	5/22/2023	12:52	1252	15.2	59.36	7.01	807.5	807.5	1.85
MW-382	5/16/2023	15:42	1542	15.4	59.72	7.72	1844.8	1844.8	1.12
mw383	5/22/2023	14:28	1428	18.4	65.12	7.49	1055.4	1055.4	0.74
MW-384	5/22/2023	13:43	1343	17	62.6	7.66	1968.2	1968.2	0.94
MW-390	5/17/2023	15:25	1525	15.4	59.72	6.83	1074.8	1074.8	0.76
MW-391	5/17/2023	16:36	1636	15.6	60.08	7.78	3126	3126	1.07
MW-392	5/16/2023	11:10	1110	16.5	61.7	7.54	3561	3561	1.67

Site Sampling Event	Baldwin 2Q 2023
LIMS Workorder	23050523
Technician	TAC/BG

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
mw393	5/15/2023	15:43	1543	17.7	63.86	8.28	4214.5	4214.5	1.12
MW-394	5/15/2023	13:53	1353	17.7	63.86	8.08	4089.8	4089.8	1.6
OW-156	5/16/2023	12:47	1247	15.3	59.54	7.77	1248.7	1248.7	2.24
OW-157	5/16/2023	16:15	1615	13.4	56.12	6.53	4293	4293	3.8
OW-257	5/17/2023	12:50	1250	14.7	58.46	6.83	1214	1214	0.9
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
PZ-170	5/17/2023	11:53	1153	15.9	60.62	6.52	1750.3	1750.3	0.93
PZ-182	5/17/2023	14:21	1421	15.4	59.72	6.63	1156.8	1156.8	0.73
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
TPZ-164_pore	5/23/2023	12:29	1229	15.2	59.36	7.15	716.6	716.6	0.88
XPW01	5/23/2023	14:03	1403	16.1	60.98	7	400.6	400.6	1.56
XPW02	5/23/2023	10:55	1055	16.5	61.7	7.05	678.5	678.5	0.76
XPW04	5/23/2023	13:03	1303	14.7	58.46	8.23	630.2	630.2	2.29
XPW05	5/23/2023	11:42	1142	17.9	64.22	7.16	589	589	0.7
XPW06	5/23/2023	15:08	1508	16.5	61.7	7.23	633.5	633.5	0.99
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
OW-256	5/17/2023	11:16	1116	15.5	59.9	6.67	901.4	901.4	0.77

Site Sampling Event	Baldwin 2Q 2023								
LIMS Workorder	23050523								
Technician	TAC/BG								
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
MW-104#SR	5/22/2023	0.56	23.4			10.25			23050523-001A
MW-104&DR	5/22/2023	-0.2	133.7			10.28			23050523-002A
MW-150	5/18/2023	1	19.5			18.67			23050523-003A
MW-151	5/18/2023	69.96	125.3			5.58			23050523-004A
MW-152	5/18/2023	11.56	126.3			6.5			23050523-005A
mw153	5/22/2023	41.97	117.2			12.86			23050523-006A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		DRY			23050523-007A
MW-155	5/22/2023	2.41	142.2			17.67			23050523-008A
MW-158!R	5/19/2023	43.15	174.9			6.23			23050523-009A
MW-192	5/16/2023	9.18	-71.7			8.25			23050523-010A
MW-193	5/15/2023	2.02	-27.9			9.94			23050523-011A
MW-194	5/15/2023	5.04	97.8			7.47			23050523-012A
MW-203	5/23/2023	0.77	-25.3			19.15			23050523-013A
MW-204	5/23/2023	2.84	-112.7			15.68			23050523-014A
MW-252	5/18/2023	10.02	62.5			2.13			23050523-015A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		13.6			23050523-016A
mw258	5/19/2023	5.41	-157.2			12.94			23050523-017A
MW-304	5/22/2023	-0.2	115.5			9.53			23050523-018A
MW-306	5/23/2023	0.55	-29.6			17.11			23050523-019A
MW-307	5/23/2023	5.11	-63.4			6.53			23050523-020A
MW-350	5/18/2023	2.27	-123.4			23.74			23050523-021A
MW-352	5/18/2023	2.99	-118.8			3.27			23050523-022A
MW-355	5/22/2023	1.22	108			22.98			23050523-023A
MW-356	5/16/2023	9.57	4.8			4.23			23050523-024A
mw358	5/19/2023	2.77	-91.4			42.92			23050523-025A
MW-366	5/16/2023	2.79	94.7			13.19			23050523-026A
MW-369	5/16/2023	3.31	-21.2			10.39			23050523-027A
MW-370	5/16/2023	1.5	35.9			18.1			23050523-028A
MW-375	5/18/2023	0.96	7.3			32.21			23050523-029A
MW-377	5/22/2023	2.39	108.5			5.65			23050523-030A
MW-382	5/16/2023	44.14	48.6			16.14			23050523-031A
mw383	5/22/2023	9.52	69.5			19.16			23050523-032A
MW-384	5/22/2023	10.47	69.1			14.69			23050523-033A
MW-390	5/17/2023	2.48	-32			6.2			23050523-034A
MW-391	5/17/2023	18.7	53.4			60.74			23050523-035A
MW-392	5/16/2023	5.99	-120.6			8.58			23050523-036A

Site Sampling Event	Baldwin 2Q 2023
LIMS Workorder	23050523
Technician	TAC/BG

Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
mw393	5/15/2023	-1.79	-306.3			8.21			23050523-037A
MW-394	5/15/2023	-0.89	-285.5			6.27			23050523-038A
OW-156	5/16/2023	3.69	5.8			6.22			23050523-039A
OW-157	5/16/2023	31.59	63.6			6.05			23050523-040A
OW-257	5/17/2023	108.75	-66.2			5.14			23050523-042A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		10.79			23050523-043A
PZ-170	5/17/2023	3.69	-67.4			15.11			23050523-044A
PZ-182	5/17/2023	35.76	-67.1			16.91			23050523-045A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		3.99			23050523-046A
TPZ-164_pore	5/23/2023	2.23	-71.2			3.91			23050523-047A
XPW01	5/23/2023	4.11	-5.5			10.3			23050523-048A
XPW02	5/23/2023	6.39	-55.6			4.75			23050523-049A
XPW04	5/23/2023	4.76	-35.5			8.19			23050523-050A
XPW05	5/23/2023	4.27	-76			4.69			23050523-051A
XPW06	5/23/2023	0.39	-88.5			2.75			23050523-052A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		9.43			23050523-053A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)					23050523-054A
OW-256	5/17/2023	5.43	0.2			7.5			23050523-041A

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-001
Technician	
Well ID	Date
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
11:42	1142	10.25		14.3	57.74	6.39	903.9	903.9
11:45	1145	10.25		14.4	57.92	6.39	902	902
11:48	1148	10.25		14.4	57.92	6.42	885.6	885.6
11:51	1151	10.25		14.5	58.1	6.44	889.6	889.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-001
Technician	
Well ID	Date
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023
MW-104#SR	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.89	2.38	77.5	
0.83	1.29	59.9	
0.86	0.82	40.9	
0.85	0.56	23.4	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-002
Technician	
Well ID	Date
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
11:24	1124	10.28		14.7	58.46	6.75	707.2	707.2
11:27	1127	10.28		14.7	58.46	6.73	704.9	704.9
11:30	1130	10.28		14.7	58.46	6.72	702.6	702.6
11:33	1133	10.28		14.7	58.46	6.72	701.7	701.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-002
Technician	
Well ID	Date
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023
MW-104&DR	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.89	0.17	126.7	
0.83	0.01	130.3	
0.86	-0.16	132.4	
0.85	-0.2	133.7	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-003
Technician	
Well ID	Date
MW-150	5/18/2023
MW-150	5/18/2023
MW-150	5/18/2023
MW-150	5/18/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
11:10	1110	18.67		13.8	56.84	7.39	2217.8	2217.8
11:13	1113	18.67		13.6	56.48	7.19	2214.2	2214.2
11:16	1116	18.67		13.6	56.48	7.11	2213.5	2213.5
11:19	1119	18.67		13.6	56.48	7.06	2218.7	2218.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-003
Technician	
Well ID	Date
MW-150	5/18/2023
MW-150	5/18/2023
MW-150	5/18/2023
MW-150	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.05	5.49	-97.5	
2.1	2.53	-34.4	
2.09	1.61	-0.3	
2.21	1	19.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-004									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-151	5/18/2023	13:39	1339	5.58		12.5	54.5	6.79	973.8	973.8
MW-151	5/18/2023	13:42	1342	5.58		12.7	54.86	6.78	970.6	970.6
MW-151	5/18/2023	13:45	1345	5.58		12.8	55.04	6.81	972.5	972.5
MW-151	5/18/2023	13:48	1348	5.58		12.6	54.68	6.82	991.2	991.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-004
Technician	
Well ID	Date
MW-151	5/18/2023
MW-151	5/18/2023
MW-151	5/18/2023
MW-151	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.01	7.74	125.7	
1.05	5.4	126.1	
1.38	20.74	125.5	
1.48	69.96	125.3	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-005									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-152	5/18/2023	15:14	1514	6.5		12.8	55.04	6.92	1087.7	1087.7
MW-152	5/18/2023	15:17	1517	6.5		12.8	55.04	6.92	1089.6	1089.6
MW-152	5/18/2023	15:20	1520	6.5		12.7	54.86	6.93	1093.1	1093.1
MW-152	5/18/2023	15:23	1523	6.5		12.7	54.86	6.93	1093.8	1093.8

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-005
Technician	
Well ID	Date
MW-152	5/18/2023
MW-152	5/18/2023
MW-152	5/18/2023
MW-152	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.83	21.16	129.4	
0.83	17.84	128.3	
0.82	14.3	127.2	
0.81	11.56	126.3	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-006									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
mw153	5/22/2023	15:40	1540	12.86		13.8	56.84	7.7	436.1	436.1
mw153	5/22/2023	15:43	1543	12.86		13.7	56.66	7.47	433.9	433.9
mw153	5/22/2023	15:46	1546	12.86		13.6	56.48	7.31	434.4	434.4
mw153	5/22/2023	15:49	1549	12.86		13.5	56.3	7.19	436.2	436.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-006
Technician	
Well ID	Date
mw153	5/22/2023
mw153	5/22/2023
mw153	5/22/2023
mw153	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.26	1.66	101.4	
2.37	3.45	108.2	
2.45	18.12	113.2	
2.54	41.97	117.2	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-007
Technician	
Well ID	Date
MW-154	

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-007
Technician	
Well ID	Date
MW-154	

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-008									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW-155	5/22/2023	16:46	1646	17.67		13.4	56.12	7.03	657.1	657.1
MW-155	5/22/2023	16:49	1649	17.67		13.6	56.48	6.96	661.6	661.6
MW-155	5/22/2023	16:52	1652	17.67		13.6	56.48	6.94	660.2	660.2
MW-155	5/22/2023	16:55	1655	17.67		13.5	56.3	6.92	657.3	657.3

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-008
Technician	
Well ID	Date
MW-155	5/22/2023
MW-155	5/22/2023
MW-155	5/22/2023
MW-155	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.32	5.99	137.3	
1.24	3.98	139.9	
1.18	3.54	141.3	
1.1	2.41	142.2	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-009
Technician	
Well ID	Date
MW-158!R	5/19/2023
MW-158!R	5/19/2023
MW-158!R	5/19/2023
MW-158!R	5/19/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
10:46	1046	6.23		14.9	58.82	6.62	904.5	904.5
10:49	1049	6.23		14.8	58.64	6.62	903.2	903.2
10:52	1052	6.23		14.9	58.82	6.6	902.5	902.5
10:55	1055	6.23		14.8	58.64	6.59	903.3	903.3

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-009
Technician	
Well ID	Date
MW-158!R	5/19/2023
MW-158!R	5/19/2023
MW-158!R	5/19/2023
MW-158!R	5/19/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.85	15.41	179.1	
1.76	22.71	176.9	
1.85	30.08	175.9	
1.74	43.15	174.9	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-010									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-192	5/16/2023	10:28	1028	8.25		16.2	61.16	6.33	812.1	812.1
MW-192	5/16/2023	10:31	1031	8.25		16.1	60.98	6.4	811.9	811.9
MW-192	5/16/2023	10:34	1034	8.25		16	60.8	6.47	811.4	811.4
MW-192	5/16/2023	10:37	1037	8.25		16.1	60.98	6.48	809.1	809.1

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-010
Technician	
Well ID	Date
MW-192	5/16/2023
MW-192	5/16/2023
MW-192	5/16/2023
MW-192	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.59	15.31	-21	
1.54	4.88	-45.7	
1.28	10.15	-62	
1.09	9.18	-71.7	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-011									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-193	5/15/2023	14:47	1447	9.94		17.6	63.68	6.83	979.4	979.4
MW-193	5/15/2023	14:50	1450	9.94		17.2	62.96	6.81	976.4	976.4
MW-193	5/15/2023	14:53	1453	9.94		17.3	63.14	6.79	974.9	974.9
MW-193	5/15/2023	14:56	1456	9.94		17.2	62.96	6.78	973.7	973.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-011
Technician	
Well ID	Date
MW-193	5/15/2023
MW-193	5/15/2023
MW-193	5/15/2023
MW-193	5/15/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.82	5.25	-29.2	
1.72	3.6	-28.5	
1.58	2.85	-28.4	
1.61	2.02	-27.9	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-012
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-194	5/15/2023	12:54	1254	7.47		16.8	62.24	6.49	878	878
MW-194	5/15/2023	12:57	1257	7.47		16.8	62.24	6.49	878.6	878.6
MW-194	5/15/2023	13:00	1300	7.47		16.7	62.06	6.5	877.5	877.5
MW-194	5/15/2023	13:03	1303	7.47		16.7	62.06	6.5	877.7	877.7
MW-194	5/15/2023	13:06	1306	7.47		16.9	62.42	6.5	877.6	877.6
MW-194	5/15/2023	13:09	1309	7.47		16.9	62.42	6.51	876.2	876.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-012
Technician	
Well ID	Date
MW-194	5/15/2023
MW-194	5/15/2023
MW-194	5/15/2023
MW-194	5/15/2023
MW-194	5/15/2023
MW-194	5/15/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.61	9.78	124.6	
1.77	7.25	118.1	
1.68	17.18	112.3	
1.57	4.43	106.7	
1.65	6.6	102.2	
1.82	5.04	97.8	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-013									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW-203	5/23/2023	18:35	1835	19.15		14.7	58.46	7.72	923.8	923.8
MW-203	5/23/2023	18:38	1838	19.15		14.6	58.28	7.65	925.4	925.4
MW-203	5/23/2023	18:41	1841	19.15		14.6	58.28	7.61	919.8	919.8
MW-203	5/23/2023	18:44	1844	19.15		14.5	58.1	7.6	919.7	919.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-013
Technician	
Well ID	Date
MW-203	5/23/2023
MW-203	5/23/2023
MW-203	5/23/2023
MW-203	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.91	5.49	-9.9	
0.89	1.82	-14.1	
0.8	1	-19.8	
0.78	0.77	-25.3	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-014
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-204	5/23/2023	18:05	1805	15.68		15.2	59.36	7.75	971.9	971.9
MW-204	5/23/2023	18:08	1808	15.68		14.9	58.82	7.69	970.6	970.6
MW-204	5/23/2023	18:11	1811	15.68		14.7	58.46	7.67	969.6	969.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-014
Technician	
Well ID	Date
MW-204	5/23/2023
MW-204	5/23/2023
MW-204	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.93	2.37	-80.9	
0.85	2.79	-101.6	
0.85	2.84	-112.7	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-015									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-252	5/18/2023	15:44	1544	2.13		14.8	58.64	6.74	1696.5	1696.5
MW-252	5/18/2023	15:47	1547	2.13		14.8	58.64	6.74	1692	1692
MW-252	5/18/2023	15:50	1550	2.13		14.1	57.38	6.75	1693.2	1693.2
MW-252	5/18/2023	15:53	1553	2.13		14.3	57.74	6.75	1692.6	1692.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-015
Technician	
Well ID	Date
MW-252	5/18/2023
MW-252	5/18/2023
MW-252	5/18/2023
MW-252	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.71	17.59	83.9	
1.62	14.57	76	
1.48	11.66	69.3	
1.19	10.02	62.5	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-016
Technician	
Well ID	Date
MW-253	

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-016
Technician	
Well ID	Date
MW-253	

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-017									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
mw258	5/19/2023	12:01	1201	12.94		16.3	61.34	8.44	1340.7	1340.7
mw258	5/19/2023	12:04	1204	12.94		16	60.8	8.38	1338.9	1338.9
mw258	5/19/2023	12:07	1207	12.94		16	60.8	8.35	1335	1335
mw258	5/19/2023	12:10	1210	12.94		15.9	60.62	8.34	1337.2	1337.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-017
Technician	
Well ID	Date
mw258	5/19/2023
mw258	5/19/2023
mw258	5/19/2023
mw258	5/19/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.71	12.43	-112.5	
1.49	7.09	-144.1	
1.39	4.97	-151.8	
1.42	5.41	-157.2	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-018									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-304	5/22/2023	10:32	1032	9.53		15.2	59.36	7.53	1706.1	1706.1
MW-304	5/22/2023	10:35	1035	9.53		15.2	59.36	7.51	1694.6	1694.6
MW-304	5/22/2023	10:38	1038	9.53		15.2	59.36	7.51	1690.5	1690.5
MW-304	5/22/2023	10:41	1041	9.53		15.2	59.36	7.51	1691.1	1691.1

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-018
Technician	
Well ID	Date
MW-304	5/22/2023
MW-304	5/22/2023
MW-304	5/22/2023
MW-304	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.98	0.4	119.2	
0.86	-0.14	117.8	
0.86	-0.34	116.7	
0.81	-0.2	115.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-019									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-306	5/23/2023	16:02	1602	17.11		15.3	59.54	10.49	439.4	439.4
MW-306	5/23/2023	16:05	1605	17.11		15.4	59.72	10.38	425.4	425.4
MW-306	5/23/2023	16:08	1608	17.11		15.4	59.72	10.8	438.9	438.9
MW-306	5/23/2023	16:11	1611	17.11		15.4	59.72	11.14	490.2	490.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-019
Technician	
Well ID	Date
MW-306	5/23/2023
MW-306	5/23/2023
MW-306	5/23/2023
MW-306	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.94	1.02	-13.6	
0.96	1	-12.6	
1.56	0.63	-19.1	
2.3	0.55	-29.6	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-020									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-307	5/23/2023	16:59	1659	6.53		15.3	59.54	11.97	2401.2	2401.2
MW-307	5/23/2023	17:02	1702	6.53		16.3	61.34	11.95	2365.2	2365.2
MW-307	5/23/2023	17:05	1705	6.53		15.2	59.36	12.01	2418.2	2418.2
MW-307	5/23/2023	17:08	1708	6.53		15	59	12.03	2429	2429

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-020
Technician	
Well ID	Date
MW-307	5/23/2023
MW-307	5/23/2023
MW-307	5/23/2023
MW-307	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.07	9.39	-43.4	
0.93	10.65	-52.4	
0.85	7.23	-58.6	
0.87	5.11	-63.4	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-021									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-350	5/18/2023	10:28	1028	23.74		14.2	57.56	11.41	1199.3	1199.3
MW-350	5/18/2023	10:31	1031	23.74		14.2	57.56	11.41	1227.3	1227.3
MW-350	5/18/2023	10:34	1034	23.74		14.1	57.38	11.41	1240.6	1240.6
MW-350	5/18/2023	10:37	1037	23.74		14.1	57.38	11.41	1237.7	1237.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-021
Technician	
Well ID	Date
MW-350	5/18/2023
MW-350	5/18/2023
MW-350	5/18/2023
MW-350	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.24	5.11	-107.8	
1.14	2.29	-115.4	
0.98	1.66	-118	
0.96	2.27	-123.4	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-022									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-352	5/18/2023	16:01	1601	3.27		15.5	59.9	7.25	2113	2113
MW-352	5/18/2023	16:04	1604	3.27		15.2	59.36	7.32	2185.9	2185.9
MW-352	5/18/2023	16:07	1607	3.27		14.9	58.82	7.38	2188.4	2188.4
MW-352	5/18/2023	16:10	1610	3.27		14.8	58.64	7.41	2161.6	2161.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-022
Technician	
Well ID	Date
MW-352	5/18/2023
MW-352	5/18/2023
MW-352	5/18/2023
MW-352	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.74	1	-0.4	
0.99	2.67	-50.4	
0.89	4.29	-93.9	
0.8	2.99	-118.8	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-023									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW-355	5/22/2023	17:16	1716	22.98		13.9	57.02	7.13	619.6	619.6
MW-355	5/22/2023	17:19	1719	22.98		14	57.2	7.08	620.8	620.8
MW-355	5/22/2023	17:22	1722	22.98		14	57.2	7.03	626	626
MW-355	5/22/2023	17:25	1725	22.98		14	57.2	6.98	631.1	631.1

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-023
Technician	
Well ID	Date
MW-355	5/22/2023
MW-355	5/22/2023
MW-355	5/22/2023
MW-355	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
4.07	1.7	94.4	
3.61	1.52	100.4	
3.3	1.71	104.6	
2.9	1.22	108	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-024									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-356	5/16/2023	12:20	1220	4.23		15.3	59.54	7.77	1248.7	1248.7
MW-356	5/16/2023	12:23	1223	4.23		15.3	59.54	7.74	1213	1213
MW-356	5/16/2023	12:26	1226	4.23		15.3	59.54	7.71	1193	1193
MW-356	5/16/2023	12:29	1229	4.23		15.3	59.54	7.69	1166	1166

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-024
Technician	
Well ID	Date
MW-356	5/16/2023
MW-356	5/16/2023
MW-356	5/16/2023
MW-356	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.24	3.69	5.8	
2.01	5.66	7.1	
1.82	7.66	6.2	
1.6	9.57	4.8	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-025									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
mw358	5/19/2023	11:19	1119	42.92		18.7	65.66	7.5	5313.7	5313.7
mw358	5/19/2023	11:22	1122	42.92		18.4	65.12	7.57	5582.4	5582.4
mw358	5/19/2023	11:25	1125	42.92		18.3	64.94	7.6	5638.5	5638.5
mw358	5/19/2023	11:28	1128	42.92		18.2	64.76	7.62	5638	5638

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-025
Technician	
Well ID	Date
mw358	5/19/2023
mw358	5/19/2023
mw358	5/19/2023
mw358	5/19/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.38	5.1	22	
1.58	4.01	-13.3	
1.29	3.52	-58.2	
1.2	2.77	-91.4	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-026									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-366	5/16/2023	16:39	1639	13.19		14.7	58.46	6.86	1894.9	1894.9
MW-366	5/16/2023	16:42	1642	13.19		14.6	58.28	6.87	1702.8	1702.8
MW-366	5/16/2023	16:45	1645	13.19		14.6	58.28	6.87	1596.2	1596.2
MW-366	5/16/2023	16:48	1648	13.19		14.5	58.1	6.86	1577.7	1577.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-026
Technician	
Well ID	Date
MW-366	5/16/2023
MW-366	5/16/2023
MW-366	5/16/2023
MW-366	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.76	5.83	94.8	
1.86	3.77	93.7	
1.76	3.18	93.6	
1.84	2.79	94.7	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-027									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-369	5/16/2023	14:54	1454	10.39		15.7	60.26	7.36	1205.6	1205.6
MW-369	5/16/2023	14:57	1457	10.39		15.4	59.72	7.34	1803	1803
MW-369	5/16/2023	15:00	1500	10.39		15.2	59.36	7.11	1327	1327
MW-369	5/16/2023	15:03	1503	10.39		15.2	59.36	7.02	1213	1213

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-027
Technician	
Well ID	Date
MW-369	5/16/2023
MW-369	5/16/2023
MW-369	5/16/2023
MW-369	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.64	2.71	82	
1.48	7.38	-45.7	
1.62	8.31	-32	
1.61	3.31	-21.2	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-028									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-370	5/16/2023	14:15	1415	18.1		15.8	60.44	7.63	5893.6	5893.6
MW-370	5/16/2023	14:18	1418	18.1		15.8	60.44	7.57	5767	5767
MW-370	5/16/2023	14:21	1421	18.1		15.8	60.44	7.514	5552	5552
MW-370	5/16/2023	14:24	1424	18.1		15.7	60.26	7.47	5461	5461

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-028
Technician	
Well ID	Date
MW-370	5/16/2023
MW-370	5/16/2023
MW-370	5/16/2023
MW-370	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.9	1.56	36.7	
0.86	1.52	37.2	
0.83	1.52	36.8	
0.81	1.5	35.9	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-029									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW-375	5/18/2023	12:23	1223	32.21		15.2	59.36	7.8	1791	1791
MW-375	5/18/2023	12:26	1226	32.21		15.1	59.18	7.76	1714.4	1714.4
MW-375	5/18/2023	12:29	1229	32.21		15.1	59.18	7.74	1659.4	1659.4
MW-375	5/18/2023	12:32	1232	32.21		15	59	7.74	1619.5	1619.5

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-029
Technician	
Well ID	Date
MW-375	5/18/2023
MW-375	5/18/2023
MW-375	5/18/2023
MW-375	5/18/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.05	5.18	-5.4	
0.9	2.74	-5	
0.85	1.63	2.5	
0.83	0.96	7.3	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-030									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-377	5/22/2023	12:43	1243	5.65		15	59	7.06	808.6	808.6
MW-377	5/22/2023	12:46	1246	5.65		15.2	59.36	7.02	808.3	808.3
MW-377	5/22/2023	12:49	1249	5.65		15.1	59.18	7.01	808.3	808.3
MW-377	5/22/2023	12:52	1252	5.65		15.2	59.36	7.01	807.5	807.5

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-030
Technician	
Well ID	Date
MW-377	5/22/2023
MW-377	5/22/2023
MW-377	5/22/2023
MW-377	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.94	5.92	103	
1.3	7.64	105.5	
1.62	4.95	107.2	
1.85	2.39	108.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-031									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-382	5/16/2023	15:33	1533	16.14		15.5	59.9	7.85	1961.6	1961.6
MW-382	5/16/2023	15:36	1536	16.14		15.4	59.72	7.78	1885.2	1885.2
MW-382	5/16/2023	15:39	1539	16.14		15.4	59.72	7.75	1865.3	1865.3
MW-382	5/16/2023	15:42	1542	16.14		15.4	59.72	7.72	1844.8	1844.8

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-031
Technician	
Well ID	Date
MW-382	5/16/2023
MW-382	5/16/2023
MW-382	5/16/2023
MW-382	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.28	10.99	49.3	
1.17	12.66	50	
1.11	25.58	49.5	
1.12	44.14	48.6	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-032									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
mw383	5/22/2023	14:19	1419	19.16		18.3	64.94	7.62	1074.1	1074.1
mw383	5/22/2023	14:22	1422	19.16		18.4	65.12	7.54	1066.5	1066.5
mw383	5/22/2023	14:25	1425	19.16		18.4	65.12	7.51	1060.3	1060.3
mw383	5/22/2023	14:28	1428	19.16		18.4	65.12	7.49	1055.4	1055.4

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-032
Technician	
Well ID	Date
mw383	5/22/2023
mw383	5/22/2023
mw383	5/22/2023
mw383	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.81	3.35	86	
0.79	7.48	90	
0.76	9.49	84.3	
0.74	9.52	69.5	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-033
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-384	5/22/2023	13:34	1334	14.69		17.1	62.78	8.11	2038.4	2038.4
MW-384	5/22/2023	13:37	1337	14.69		17.1	62.78	8.06	2035.9	2035.9
MW-384	5/22/2023	13:40	1340	14.69		17.1	62.78	7.88	2012.2	2012.2
MW-384	5/22/2023	13:43	1343	14.69		17	62.6	7.66	1968.2	1968.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-033
Technician	
Well ID	Date
MW-384	5/22/2023
MW-384	5/22/2023
MW-384	5/22/2023
MW-384	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.91	7.22	58.9	
0.88	9.07	58.8	
0.87	12.45	62.8	
0.94	10.47	69.1	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-034
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-390	5/17/2023	15:05	1505	6.2		15.7	60.26	7.16	2187.3	2187.3
MW-390	5/17/2023	15:08	1508	6.2		15.5	59.9	7.1	1652.7	1652.7
MW-390	5/17/2023	15:16	1516	6.2		15.4	59.72	7.03	1235.1	1235.1
MW-390	5/17/2023	15:19	1519	6.2		15.4	59.72	6.94	1139.3	1139.3
MW-390	5/17/2023	15:22	1522	6.2		15.3	59.54	6.86	1087.9	1087.9
MW-390	5/17/2023	15:25	1525	6.2		15.4	59.72	6.83	1074.8	1074.8

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-034
Technician	
Well ID	Date
MW-390	5/17/2023
MW-390	5/17/2023
MW-390	5/17/2023
MW-390	5/17/2023
MW-390	5/17/2023
MW-390	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.87	8.87	-72.5	
0.83	4.68	-64.6	
0.78	1.41	-50.7	
0.77	2.52	-44.7	
0.77	1.47	-37.3	
0.76	2.48	-32	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-035
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-391	5/17/2023	16:21	1621	60.74		15.6	60.08	7.8	3131.4	3131.4
MW-391	5/17/2023	16:24	1624	60.74		15.6	60.08	7.78	3123	3123
MW-391	5/17/2023	16:27	1627	60.74		15.6	60.08	7.76	3129	3129
MW-391	5/17/2023	16:30	1630	60.74		15.6	60.08	7.76	3134	3134
MW-391	5/17/2023	16:33	1633	60.74		15.6	60.08	7.77	3130	3130
MW-391	5/17/2023	16:36	1636	60.74		15.6	60.08	7.78	3126	3126

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-035
Technician	
Well ID	Date
MW-391	5/17/2023
MW-391	5/17/2023
MW-391	5/17/2023
MW-391	5/17/2023
MW-391	5/17/2023
MW-391	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.97	10.54	56.5	
1.11	10.42	56.5	
1.21	12.4	56.3	
1.2	13.51	55.7	
1.16	16.67	54.8	
1.07	18.7	53.4	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-036									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-392	5/16/2023	11:01	1101	8.58		16.6	61.88	7.27	3236	3236
MW-392	5/16/2023	11:31	1131	8.58		16.8	62.24	7.71	3559.6	3559.6
MW-392	5/16/2023	11:04	1104	8.58		16.5	61.7	7.48	3548	3548
MW-392	5/16/2023	11:07	1107	8.58		16.5	61.7	7.52	3563	3563
MW-392	5/16/2023	11:10	1110	8.58		16.5	61.7	7.54	3561	3561

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-036
Technician	
Well ID	Date
MW-392	5/16/2023
MW-392	5/16/2023
MW-392	5/16/2023
MW-392	5/16/2023
MW-392	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.61	9.59	-60.3	
2.11	2.98	-84.6	
1.8	18.04	-104.1	
1.66	8	-115	
1.67	5.99	-120.6	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-037									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
mw393	5/15/2023	15:34	1534	8.21		17.8	64.04	8.33	4262.5	4262.5
mw393	5/15/2023	15:37	1537	8.21		17.7	63.86	8.32	4264	4264
mw393	5/15/2023	15:40	1540	8.21		17.7	63.86	8.3	4253.7	4253.7
mw393	5/15/2023	15:43	1543	8.21		17.7	63.86	8.28	4214.5	4214.5

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-037
Technician	
Well ID	Date
mw393	5/15/2023
mw393	5/15/2023
mw393	5/15/2023
mw393	5/15/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.14	0.95	-288.6	
1.1	-0.75	-297.5	
1.11	-1.29	-302	
1.12	-1.79	-306.3	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-038									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-394	5/15/2023	13:44	1344	6.27		17.7	63.86	7.98	4631.9	4631.9
MW-394	5/15/2023	13:47	1347	6.27		17.5	63.5	8	4490.6	4490.6
MW-394	5/15/2023	13:50	1350	6.27		17.6	63.68	8.04	4332	4332
MW-394	5/15/2023	13:53	1353	6.27		17.7	63.86	8.08	4089.8	4089.8

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-038
Technician	
Well ID	Date
MW-394	5/15/2023
MW-394	5/15/2023
MW-394	5/15/2023
MW-394	5/15/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.55	2.89	-278.9	
1.45	0.36	-292.5	
1.49	1.77	-293.8	
1.6	-0.89	-285.5	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-039
Technician	
Well ID	Date
OW-156	5/16/2023
OW-156	5/16/2023
Ow-156	5/16/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
1241	1241	6.22		15.3	59.54	7.77	1235.4	1235.4
1244	1244			15.3	59.54	7.77	1240.5	1240.5
1247	1247			15.3	59.54	7.77	1248.7	1248.7

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-039
Technician	
Well ID	Date
OW-156	5/16/2023
OW-156	5/16/2023
Ow-156	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.16	3.69	6.5	
2.2	4.62	6.2	
2.24	3.69	5.8	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-040
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
OW-157	5/16/2023	16:12	1612	6.05		13.2	55.76	6.84	4266.7	4266.7
OW-157	5/16/2023	16:13	1613	6.05		13.3	55.94	6.69	4282.3	4282.3
OW-157	5/16/2023	16:15	1615	6.05		13.4	56.12	6.53	4293	4293

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-040
Technician	
Well ID	Date
OW-157	5/16/2023
OW-157	5/16/2023
OW-157	5/16/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
3.53	34.02	87.9	
4.04	31.84	73.5	
3.8	31.59	63.6	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-041									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
OW-256	5/17/2023	11:07	1107	7.5		15.5	59.9	6.65	896.9	896.9
OW-256	5/17/2023	11:10	1110	7.5		15.5	59.9	6.66	898.7	898.7
OW-256	5/17/2023	11:13	1113	7.5		15.5	59.9	6.67	899.9	899.9
OW-256	5/17/2023	11:16	1116	7.5		15.5	59.9	6.67	901.4	901.4

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-041
Technician	
Well ID	Date
OW-256	5/17/2023
OW-256	5/17/2023
OW-256	5/17/2023
OW-256	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.78	16.4	13.7	
0.78	11.79	7.2	
0.78	8.07	3.2	
0.77	5.43	0.2	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-042
Technician	

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
OW-257	5/17/2023	12:47	1247	5.14		14.4	57.92	6.83	1208.2	1208.2
OW-257	5/17/2023	12:50	1250	5.14		14.7	58.46	6.83	1214	1214

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-042
Technician	
Well ID	Date
OW-257	5/17/2023
OW-257	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.93	25.39	-68.7	
0.9	108.75	-66.2	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-043
Technician	
Well ID	Date
PZ-169	

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-043
Technician	
Well ID	Date
PZ-169	

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-044									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
PZ-170	5/17/2023	11:44	1144	15.11		15.7	60.26	6.55	1787.6	1787.6
PZ-170	5/17/2023	11:47	1147	15.11		15.9	60.62	6.52	1765	1765
PZ-170	5/17/2023	11:50	1150	15.11		16.2	61.16	6.52	1754.7	1754.7
PZ-170	5/17/2023	11:53	1153	15.11		15.9	60.62	6.52	1750.3	1750.3

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-044
Technician	
Well ID	Date
PZ-170	5/17/2023
PZ-170	5/17/2023
PZ-170	5/17/2023
PZ-170	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.02	6.94	-74.1	
0.95	5.3	-72.2	
0.96	4.42	-68.7	
0.93	3.69	-67.4	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-045									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
PZ-182	5/17/2023	14:12	1412	16.91		15.3	59.54	6.65	1145.7	1145.7
PZ-182	5/17/2023	14:15	1415	16.91		15.3	59.54	6.64	1153	1153
PZ-182	5/17/2023	14:18	1418	16.91		15.3	59.54	6.63	1156	1156
PZ-182	5/17/2023	14:21	1421	16.91		15.4	59.72	6.63	1156.8	1156.8

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-045
Technician	
Well ID	Date
PZ-182	5/17/2023
PZ-182	5/17/2023
PZ-182	5/17/2023
PZ-182	5/17/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.76	37	-80.7	
0.74	34.27	-74.7	
0.74	35.08	-70.3	
0.73	35.76	-67.1	

Site Sampling Event	BAL-23Q2						
LIMS Workorder	23050523-046						
Technician							
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)
TPZ-159							

Site Sampling Event	BAL-23Q2			
LIMS Workorder	23050523-046			
Technician				
Well ID	Date	pH (SU)	Sp Cond ($\mu\text{S}/\text{cm}$)	Sp Cond ($\mu\text{mhos}/\text{cm}$ @25C)
TPZ-159				

Site Sampling Event	BAL-23Q2				
LIMS Workorder	23050523-046				
Technician					
Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
TPZ-159					

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-047
Technician	
Well ID	Date
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
12:20	1220	3.91		15.3	59.54	7.23	709	709
12:23	1223	3.91		15.8	60.44	7.15	711.9	711.9
12:26	1226	3.91		15.4	59.72	7.15	715.1	715.1
12:29	1229	3.91		15.2	59.36	7.15	716.6	716.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-047
Technician	
Well ID	Date
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023
TPZ-164_pore	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.06	5.72	25.1	
0.97	3.03	-29.1	
0.94	2.6	-55.6	
0.88	2.23	-71.2	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-048									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW01	5/23/2023	13:54	1354	10.3		15.7	60.26	7.07	398.5	398.5
XPW01	5/23/2023	13:57	1357	10.3		16.2	61.16	7.02	400	400
XPW01	5/23/2023	14:00	1400	10.3		16.1	60.98	7.01	400.7	400.7
XPW01	5/23/2023	14:03	1403	10.3		16.1	60.98	7	400.6	400.6

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-048
Technician	
Well ID	Date
XPW01	5/23/2023
XPW01	5/23/2023
XPW01	5/23/2023
XPW01	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.59	10.19	35.6	
1.39	7.23	17.5	
1.52	4.93	3.9	
1.56	4.11	-5.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-049									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW02	5/23/2023	10:46	1046	4.75		15.8	60.44	6.94	677.2	677.2
XPW02	5/23/2023	10:49	1049	4.75		16.5	61.7	6.98	673.3	673.3
XPW02	5/23/2023	10:52	1052	4.75		16.4	61.52	7.01	677.4	677.4
XPW02	5/23/2023	10:55	1055	4.75		16.5	61.7	7.05	678.5	678.5

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-049
Technician	
Well ID	Date
XPW02	5/23/2023
XPW02	5/23/2023
XPW02	5/23/2023
XPW02	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.79	16.15	22.4	
0.78	12.06	-11.7	
0.77	7.65	-36.8	
0.76	6.39	-55.6	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-050									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW04	5/23/2023	12:54	1254	8.19		13.9	57.02	8.2	632	632
XPW04	5/23/2023	12:57	1257	8.19		14.7	58.46	8.23	629.7	629.7
XPW04	5/23/2023	13:00	1300	8.19		14.8	58.64	8.24	628.9	628.9
XPW04	5/23/2023	13:03	1303	8.19		14.7	58.46	8.23	630.2	630.2

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-050
Technician	
Well ID	Date
XPW04	5/23/2023
XPW04	5/23/2023
XPW04	5/23/2023
XPW04	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.34	12.58	32.1	
2.29	7.77	3.1	
2.5	5.11	-17.8	
2.29	4.76	-35.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-051									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW05	5/23/2023	11:33	1133	4.69		17.8	64.04	7.07	603.4	603.4
XPW05	5/23/2023	11:36	1136	4.69		17.8	64.04	7.11	597.8	597.8
XPW05	5/23/2023	11:39	1139	4.69		17.8	64.04	7.14	592.5	592.5
XPW05	5/23/2023	11:42	1142	4.69		17.9	64.22	7.16	589	589

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-051
Technician	
Well ID	Date
XPW05	5/23/2023
XPW05	5/23/2023
XPW05	5/23/2023
XPW05	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.72	14.03	-36.3	
0.72	8.72	-54.6	
0.71	5.49	-67	
0.7	4.27	-76	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-052									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW06	5/23/2023	14:59	1459	2.75		16.4	61.52	7.24	646.2	646.2
XPW06	5/23/2023	15:02	1502	2.75		16.8	62.24	7.22	636	636
XPW06	5/23/2023	15:05	1505	2.75		16.6	61.88	7.22	635	635
XPW06	5/23/2023	15:08	1508	2.75		16.5	61.7	7.23	633.5	633.5

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-052
Technician	
Well ID	Date
XPW06	5/23/2023
XPW06	5/23/2023
XPW06	5/23/2023
XPW06	5/23/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.17	1.15	-50.2	
1.21	0.9	-70.8	
1.06	0.69	-81.9	
0.99	0.39	-88.5	

Site Sampling Event	BAL-23Q2									
LIMS Workorder	23050523-053									
Technician										
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW-304	5/22/2023	10:32	1032	9.53		15.2	59.36	7.53	1706.1	1706.1
MW-304	5/22/2023	10:35	1035	9.53		15.2	59.36	7.51	1694.6	1694.6
MW-304	5/22/2023	10:38	1038	9.53		15.2	59.36	7.51	1690.5	1690.5
MW-304	5/22/2023	10:41	1041	9.53		15.2	59.36	7.51	1691.1	1691.1

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-053
Technician	
Well ID	Date
MW-304	5/22/2023
MW-304	5/22/2023
MW-304	5/22/2023
MW-304	5/22/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.98	0.4	119.2	
0.86	-0.14	117.8	
0.86	-0.34	116.7	
0.81	-0.2	115.5	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-054
Technician	
Well ID	Date
Field Blank	

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-054
Technician	
Well ID	Date
Field Blank	

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:					
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units		
LCS	5/15/23	12:15			7.10			1413							
CCV	5/15/23	16:30			7.08			1481							

**** Field Meter ID for Temp, pH & Conductivity : ECO RENTAL

**** Field Meter ID for (): _____

	SW846	Std Methods	pH 4.0 Buffer	Lot #	Conductivity Std. <u>1412</u>	Lot #	Std.
Field Temp SOP 1156		2550 B	pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	<u>74610</u>	Std. _____
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____	_____	Std. _____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____	_____	Std. _____
Other: _____			pH LCS/LCSD <u>7</u>	WC 221117B	Conductivity LCS/LCSD _____	_____	LCS/LCSD _____

	Reading	Conductivity Calibration	Reading	units	Calibration	Reading
pH Calibration	4.00	<u>3.93</u>	_____	µS	0-199.9	_____
Date: <u>5/15/23</u>	7.00	<u>7.05</u>	<u>1412</u>	µS	0-1999	<u>1413</u>
Time: <u>12:04</u>	10.00	<u>10.08</u>	_____	mS	0-19.99	_____

Field Analyst Sig & Date: Jeremy Carroll 5/15/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: Jeremy Carroll 5/15/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: _____
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units	
LCS	5/16/23	10:05	19.9	7.09				1412						
CCV	5/16/23		21.3	7.10				1377						

**** Field Meter ID for Temp, pH & Conductivity : ECO RENTAL **** Field Meter ID for (): _____

SW846	Std Methods	Lot #	pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	Lot #	Lot #
Field Temp SOP 1156	2550 B		pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	<u>74610</u>	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____	_____	_____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____	_____	_____
Other: _____			pH LCS/LCSD <u>7</u>	WC 221117B	Conductivity LCS/LCSD _____	_____	_____

pH Calibration	Reading	Conductivity Calibration	Reading	units	units	Calibration	Reading
Date: <u>5/16/23</u>	4.00	<u>4.01</u>	_____	_____	_____	Std _____	Units _____
Time: <u>4:58</u>	7.00	<u>7.02</u>	<u>1412</u>	μS	0-1999	Std _____	Units _____
	10.00	<u>9.96</u>	_____	mS	0-19.99	Std _____	Units _____

Field Analyst Sig & Date: <u>Tracy Carroll 5/16/23</u>	Field Analyst Sig & Date: <u>Tracy Carroll</u>	Field Analyst Sig & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other: _____				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units	
LCS	5/17/23	10:20	18.5		7.09			1413						
ccv	1800	5/17/23	24.6	7.08				1441						

**** Field Meter ID for Temp, pH & Conductivity : ECO RENTAL

**** Field Meter ID for (): _____

Field Temp SOP 1156	SW846	Std Methods	pH 4.0 Buffer	Lot #	Conductivity Std. <u>1412</u>	Lot #	Std.
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230105A	Conductivity Std. _____	74610	_____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230210B	Conductivity Std. _____	_____	_____
Other: _____			pH LCS/LCSD <u>7</u>	WC 230126C	Conductivity Std. _____	_____	_____
				WC 221117B	Conductivity LCS/LCSD _____	_____	_____

pH Calibration	Reading
Date: <u>5/17/23</u>	4.00 <u>3.98</u>
Time: <u>10:08</u>	7.00 <u>7.02</u>
	10.00 <u>10.05</u>

Conductivity Calibration	Reading	units
	_____	_____
	_____	_____
	_____	_____
	_____	_____

Calibration	Reading
Std _____	_____
Std _____	_____
Std _____	_____

Field Analyst Sig & Date: Jeremy Carroll 5/17/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: Jeremy Carroll 5/17/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: _____
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other: _____					
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units		
LCS	5/18/23	9:28	21.4	7.08				1412							
ccv		11:56	20.3	7.07				1412							

**** Field Meter ID for Temp, pH & Conductivity : ECO RENTAL

**** Field Meter ID for (_____) : _____

	SW846	Std Methods	pH 4.0 Buffer	Lot #	pH 7.0 Buffer	Lot #	pH 10.0 Buffer	Lot #
Field Temp SOP 1156		2550 B	WC 230105A		WC 230210B		WC 230126C	
pH in the Field SOP 1152	9040B	4500-H B	WC 221117B					
Field Cond. SOP 1155	9050A	2510 B						
Other: _____								

pH Calibration	Reading	Conductivity Calibration	Reading	units	Calibration	Reading
Date: 5/18/23	4.00	µS	1412	µS	Std	Units
Time: 9:22	7.00	mS		mS	Std	Units
	10.00				Std	Units

Field Analyst Sig & Date: <u>Juan Carlos 5/18/23</u> Reviewed By & Date: _____ Reviewed By & Date: _____	Field Analyst Sig & Date: <u>Juan Carlos 5/18/23</u> Reviewed By & Date: _____ Reviewed By & Date: _____	Field Analyst Sig & Date: _____ Reviewed By & Date: _____ Reviewed By & Date: _____
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Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity		Other:					
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units	
LCS	5/19/23	8:20	22.2	7.05				1413						
ccv	5/19/23	12:57	26.3	7.07				1412						

**** Field Meter ID for Temp, pH & Conductivity : ECO RENTAL **** Field Meter ID for (): _____

SW846	Std Methods	Lot #	Conductivity Std.	Lot #	Lot #
Field Temp SOP 1156	2550 B	WC 230105A	1412	74610	
pH in the Field SOP 1152	4500-H B	WC 230210B			
Field Cond. SOP 1155	2510 B	WC 230126C			
Other: _____	pH LCS/LCSD <u>7</u>	WC 221117B			

pH Calibration	Reading	Conductivity Calibration	Reading	units	Calibration
	4.00	<u>4.01</u>		<u>4.01</u>	Std _____ Units _____
Date: <u>5/19/23</u>	7.00	<u>7.02</u>		<u>7.02</u>	Std _____ Units _____
Time: <u>8:06</u>	10.00	<u>10.02</u>		<u>10.02</u>	Std _____ Units _____

Field Analyst Sig & Date: <u>Juan Carlos 5/19/23</u>	Field Analyst Sig & Date: <u>Juan Carlos 5/19/23</u>	Field Analyst Sig & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:					
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units		
LCS	5/22/23	10:00	17.7	7.10				1414							
CCV	5/22/23	18:30	23.8	7.09				1439							

**** Field Meter ID for Temp, pH & Conductivity : Eco Rental **** Field Meter ID for (): _____

	SW846	Std Methods	pH 4.0 Buffer	Lot #	Conductivity Std. <u>1412</u>	Lot #	Std. _____
Field Temp SOP 1156		2550 B	pH 4.0 Buffer	WC 230105A	Conductivity Std. _____	74610	_____
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____	_____	_____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____	_____	_____
Other: _____			pH LCS/LCSD <u>7</u>	WC 221117B	Conductivity LCS/LCSD _____	_____	_____

	Reading	Conductivity Calibration	Reading	units	Calibration	Reading
pH Calibration	4.00	<u>4.00</u>	_____	µS	0-199.9	_____
Date: <u>5/22/23</u>	7.00	<u>7.03</u>	<u>1412</u>	µS	0-1999	<u>1414</u>
Time: <u>9:53</u>	10.00	<u>9.90</u>	_____	mS	0-19.99	_____

Field Analyst Sig & Date: <u>Juan Carlos 5/22/23</u>	Field Analyst Sig & Date: <u>Juan Carlos 5/22/23</u>	Field Analyst Sig & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity	Other:					
				Reading 1	Reading 2	LCSD		DF	Read1/units	DF	Read2/units		
LCS	5/23/22	10:20	20.3	7.10			1413						
CCV	5/23/22	19:40	26.5	7.10			1381						

**** Field Meter ID for Temp, pH & Conductivity : Eco Rental

**** Field Meter ID for (): _____

Field Temp SOP 1156	SW846	Std Methods	pH 4.0 Buffer	Lot #	Conductivity Std. 1412	Lot #	Std.	Lot #
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230105A	_____	74610	_____	_____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230210B	_____	_____	_____	_____
Other: _____			pH LCS/LCSD 7	WC 230126C	_____	_____	_____	_____
				WC 221117B	_____	_____	_____	_____

pH Calibration	Reading	Conductivity Calibration	Reading	units	Calibration	Reading
Date: 5/23/22	4.00	_____	_____	_____	_____	_____
Time: 10:10	7.00	1412	0-199.9	_____	_____	_____
	10.00	_____	0-19.99	_____	_____	_____

Field Analyst Sig & Date: <u>Jimmy Carroll 5/23/22</u> Reviewed By & Date: _____ Reviewed By & Date: _____	Field Analyst Sig & Date: <u>Jimmy Carroll 5/23/22</u> Reviewed By & Date: _____ Reviewed By & Date: _____	Field Analyst Sig & Date: _____ Reviewed By & Date: _____ Reviewed By & Date: _____
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Comments:

June 29, 2023

Eric Bauer
Ramboll
300 S. Wacker Drive
Suite 130
Chicago, IL 60606
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-23Q2

WorkOrder: 23050524

Dear Eric Bauer:

TEKLAB, INC received 44 samples on 5/23/2023 8:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	50
Dates Report	52
Receiving Check List	55
Chain of Custody	Appended

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Cooler Receipt Temp: 9.0 °C

An employee of Teklab, Inc. collected the sample(s).

MW-253 could not be collected; the pump is stuck in the well. TAC/EAH 5/22/23

Analyses were performed by Pace Analytical National. See attached report for results and QC.

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-001
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-150
Collection Date: 05/18/2023 11:19

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/16/2023 17:55	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-002

Client Sample ID: BAL_MW-151

Matrix: GROUNDWATER

Collection Date: 05/18/2023 13:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-003

Client Sample ID: BAL_MW-152

Matrix: GROUNDWATER

Collection Date: 05/18/2023 15:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-004
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-153
Collection Date: 05/22/2023 15:49

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-005

Client Sample ID: BAL_MW-158!R

Matrix: GROUNDWATER

Collection Date: 05/19/2023 10:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-006
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-192
Collection Date: 05/16/2023 10:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-007

Client Sample ID: BAL_MW-193

Matrix: GROUNDWATER

Collection Date: 05/15/2023 14:56

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-008

Client Sample ID: BAL_MW-194

Matrix: GROUNDWATER

Collection Date: 05/15/2023 13:09

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-009
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-203
Collection Date: 05/23/2023 18:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-010

Client Sample ID: BAL_MW-204

Matrix: GROUNDWATER

Collection Date: 05/23/2023 18:11

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-011
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-252
Collection Date: 05/18/2023 15:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-013
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-258
Collection Date: 05/19/2023 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-014
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-304
Collection Date: 05/22/2023 10:41

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-015

Client Sample ID: BAL_MW-306

Matrix: GROUNDWATER

Collection Date: 05/23/2023 16:11

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-016
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-307
Collection Date: 05/23/2023 17:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-017
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-350
Collection Date: 05/18/2023 10:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-018

Client Sample ID: BAL_MW-352

Matrix: GROUNDWATER

Collection Date: 05/18/2023 16:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-019
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-356
Collection Date: 05/16/2023 12:29

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Lab ID: 23050524-020

Client Sample ID: BAL_MW-358

Matrix: GROUNDWATER

Collection Date: 05/19/2023 11:28

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-021
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-366
Collection Date: 05/16/2023 16:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-022
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-369
Collection Date: 05/16/2023 15:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-023
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-370
Collection Date: 05/16/2023 14:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-024
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-375
Collection Date: 05/18/2023 12:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-025
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-377
Collection Date: 05/22/2023 12:52

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-026
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-382
Collection Date: 05/16/2023 15:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-027
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-383
Collection Date: 05/22/2023 14:28

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-028
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-384
Collection Date: 05/22/2023 13:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-029
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-390
Collection Date: 05/17/2023 15:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-030

Client Sample ID: BAL_MW-391

Matrix: GROUNDWATER

Collection Date: 05/17/2023 16:36

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-031
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-392
Collection Date: 05/16/2023 11:31

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-032
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-393
Collection Date: 05/15/2023 15:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-033

Client Sample ID: BAL_MW-394

Matrix: GROUNDWATER

Collection Date: 05/15/2023 13:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-034
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_OW-256
Collection Date: 05/17/2023 11:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-035

Client Sample ID: BAL_OW-257

Matrix: GROUNDWATER

Collection Date: 05/17/2023 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-036

Client Sample ID: BAL_PZ-170

Matrix: GROUNDWATER

Collection Date: 05/17/2023 11:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-037

Client Sample ID: BAL_PZ-182

Matrix: GROUNDWATER

Collection Date: 05/17/2023 14:21

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-038
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_XPW01
Collection Date: 05/23/2023 14:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-039
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_XPW02
Collection Date: 05/23/2023 10:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab ID: 23050524-040

Client Sample ID: BAL_XPW04

Matrix: GROUNDWATER

Collection Date: 05/23/2023 13:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-041
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_XPW05
Collection Date: 05/23/2023 11:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-042
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_XPW06
Collection Date: 05/23/2023 15:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-043
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: BAL_MW-304 Duplicate
Collection Date: 05/22/2023 10:41

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2
Lab ID: 23050524-044
Matrix: GROUNDWATER

Work Order: 23050524
Report Date: 29-Jun-23
Client Sample ID: Field Blank
Collection Date: 05/23/2023 19:04

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23050524-001	BAL_MW-150	Groundwater	1	05/18/2023 11:19
23050524-002	BAL_MW-151	Groundwater	1	05/18/2023 13:48
23050524-003	BAL_MW-152	Groundwater	1	05/18/2023 15:23
23050524-004	BAL_MW-153	Groundwater	1	05/22/2023 15:49
23050524-005	BAL_MW-158!R	Groundwater	1	05/19/2023 10:55
23050524-006	BAL_MW-192	Groundwater	1	05/16/2023 10:37
23050524-007	BAL_MW-193	Groundwater	1	05/15/2023 14:56
23050524-008	BAL_MW-194	Groundwater	1	05/15/2023 13:09
23050524-009	BAL_MW-203	Groundwater	1	05/23/2023 18:44
23050524-010	BAL_MW-204	Groundwater	1	05/23/2023 18:11
23050524-011	BAL_MW-252	Groundwater	1	05/18/2023 15:53
23050524-012	BAL_MW-253	Groundwater	1	05/22/2023 0:00
23050524-013	BAL_MW-258	Groundwater	1	05/19/2023 12:10
23050524-014	BAL_MW-304	Groundwater	1	05/22/2023 10:41
23050524-015	BAL_MW-306	Groundwater	1	05/23/2023 16:11
23050524-016	BAL_MW-307	Groundwater	1	05/23/2023 17:08
23050524-017	BAL_MW-350	Groundwater	1	05/18/2023 10:37
23050524-018	BAL_MW-352	Groundwater	1	05/18/2023 16:10
23050524-019	BAL_MW-356	Groundwater	1	05/16/2023 12:29
23050524-020	BAL_MW-358	Groundwater	1	05/19/2023 11:28
23050524-021	BAL_MW-366	Groundwater	1	05/16/2023 16:48
23050524-022	BAL_MW-369	Groundwater	1	05/16/2023 15:03
23050524-023	BAL_MW-370	Groundwater	1	05/16/2023 14:24
23050524-024	BAL_MW-375	Groundwater	1	05/18/2023 12:32
23050524-025	BAL_MW-377	Groundwater	1	05/22/2023 12:52
23050524-026	BAL_MW-382	Groundwater	1	05/16/2023 15:42
23050524-027	BAL_MW-383	Groundwater	1	05/22/2023 14:28
23050524-028	BAL_MW-384	Groundwater	1	05/22/2023 13:43
23050524-029	BAL_MW-390	Groundwater	1	05/17/2023 15:25
23050524-030	BAL_MW-391	Groundwater	1	05/17/2023 16:36
23050524-031	BAL_MW-392	Groundwater	1	05/16/2023 11:31
23050524-032	BAL_MW-393	Groundwater	1	05/15/2023 15:43
23050524-033	BAL_MW-394	Groundwater	1	05/15/2023 13:53
23050524-034	BAL_OW-256	Groundwater	1	05/17/2023 11:16
23050524-035	BAL_OW-257	Groundwater	1	05/17/2023 12:50
23050524-036	BAL_PZ-170	Groundwater	1	05/17/2023 11:53
23050524-037	BAL_PZ-182	Groundwater	1	05/17/2023 14:21
23050524-038	BAL_XPW01	Groundwater	1	05/23/2023 14:03
23050524-039	BAL_XPW02	Groundwater	1	05/23/2023 10:55



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2

Work Order: 23050524
Report Date: 29-Jun-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23050524-040	BAL_XPW04	Groundwater	1	05/23/2023 13:03
23050524-041	BAL_XPW05	Groundwater	1	05/23/2023 11:42
23050524-042	BAL_XPW06	Groundwater	1	05/23/2023 15:08
23050524-043	BAL_MW-304 Duplicate	Groundwater	1	05/22/2023 10:41
23050524-044	Field Blank	Groundwater	1	05/23/2023 19:04



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
23050524-001A	BAL_MW-150	05/18/2023 11:19	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/16/2023 17:55
23050524-002A	BAL_MW-151	05/18/2023 13:48	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-003A	BAL_MW-152	05/18/2023 15:23	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-004A	BAL_MW-153	05/22/2023 15:49	05/22/2023 19:05		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-005A	BAL_MW-158'R	05/19/2023 10:55	05/19/2023 14:12		
	See Attached for Subcontracting Analysis				06/21/2023 21:31
23050524-006A	BAL_MW-192	05/16/2023 10:37	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-007A	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-008A	BAL_MW-194	05/15/2023 13:09	05/15/2023 18:05		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-009A	BAL_MW-203	05/23/2023 18:44	05/23/2023 20:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-010A	BAL_MW-204	05/23/2023 18:11	05/23/2023 20:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-011A	BAL_MW-252	05/18/2023 15:53	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-013A	BAL_MW-258	05/19/2023 12:10	05/19/2023 14:12		
	See Attached for Subcontracting Analysis				06/21/2023 21:31
23050524-014A	BAL_MW-304	05/22/2023 10:41	05/22/2023 19:05		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-015A	BAL_MW-306	05/23/2023 16:11	05/23/2023 20:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-016A	BAL_MW-307	05/23/2023 17:08	05/23/2023 20:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-017A	BAL_MW-350	05/18/2023 10:37	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-018A	BAL_MW-352	05/18/2023 16:10	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-019A	BAL_MW-356	05/16/2023 12:29	05/18/2023 18:45		



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-020A	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	See Attached for Subcontracting Analysis				06/21/2023 21:31
23050524-021A	BAL_MW-366	05/16/2023 16:48	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-022A	BAL_MW-369	05/16/2023 15:03	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-023A	BAL_MW-370	05/16/2023 14:24	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-024A	BAL_MW-375	05/18/2023 12:32	05/18/2023 18:30		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-025A	BAL_MW-377	05/22/2023 12:52	05/22/2023 19:05		
	See Attached for Subcontracting Analysis				06/17/2023 9:00
23050524-026A	BAL_MW-382	05/16/2023 15:42	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-027A	BAL_MW-383	05/22/2023 14:28	05/22/2023 19:05		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-028A	BAL_MW-384	05/22/2023 13:43	05/22/2023 19:05		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-029A	BAL_MW-390	05/17/2023 15:25	05/17/2023 18:40		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-030A	BAL_MW-391	05/17/2023 16:36	05/17/2023 18:40		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-031A	BAL_MW-392	05/16/2023 11:31	05/18/2023 18:45		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-032A	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-033A	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-034A	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-035A	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	See Attached for Subcontracting Analysis				06/19/2023 21:17
23050524-036A	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	See Attached for Subcontracting Analysis				06/19/2023 21:17



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23050524-037A	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-038A	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-039A	BAL_XPW02	05/23/2023 10:55	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-040A	BAL_XPW04	05/23/2023 13:03	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-041A	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-042A	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-043A	BAL_MW-304 Duplicate	05/22/2023 10:41	05/22/2023 19:05		
See Attached for Subcontracting Analysis		06/19/2023 21:17			
23050524-044A	Field Blank	05/23/2023 19:04	05/23/2023 20:30		
See Attached for Subcontracting Analysis		06/19/2023 21:17			



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23050524

Client Project: BAL-23Q2

Report Date: 29-Jun-23

Carrier: Tracy Carroll

Received By: TWM

Completed by:

Reviewed by:

On:

On:

24-May-23

24-May-23

Timothy W. Mathis

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 9.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water – at least one vial per sample has zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	

Any No responses must be detailed below or on the COC.

pH strip #88374. - CET/acolin - 5/15/2023 Temp 15.0

pH strip #88374. - TWM/acolin - 5/16/2023 Temp 8.2

pH strip #88374. - TWM/acolin - 5/17/2023 Temp 6.2

pH strip #88374. - TWM/acolin - 5/18/2023 Temp 14.2

pH strip #88374. - CET/acolin - 5/19/2023 Temp 11.2

pH strip #88374. - LNM/acolin - 5/22/2023 Temp 10.2

pH strip #88374. - TWM/acolin - 5/23/2023

Additional HNO3 (89071) was needed in MW-304, MW-377, MW-384, MW-304 DUP, MW-393, MW-394, MW-258, and MW-358 upon arrival at the laboratory. - CET/LMN/acolin - 5/23/2023 9:51:51 AM

BA 845-005
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 4	
Company: <u>Vistra Corp</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Jason Stuckey</u>		REGULATORY AGENCY	
Address: <u>13498 E. 900th St</u>		Copy To: <u>Jason Stuckey</u>		Company Name: <u>Vistra Corp</u>			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Address: <u>see Section A</u>			
Phone: <u>(217) 753-8911</u> Fax:		Project Name:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>2285</u>		Project Manager:		UST RCRA OTHER	
				Profile #:		Site Location	
						STATE: <u>IL</u>	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No. / Lab I.D.	
		MATRIX	CODE						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other
		DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	DW WTF WW P SL OL WP AR OT TS						(see valid codes to left)	(G-GRAB C-COMP)										
1	BAL_MW-104#SR																			
2	BAL_MW-104&DR																			
3	BAL_MW-150							2	2					✓				23050524-001		
4	BAL_MW-151							2	2					✓				002		
5	BAL_MW-152							2	2					✓				003		
6	BAL_MW-153							2	2					✓				004		
7	BAL_MW-154																			
8	BAL_MW-155																			
9	BAL_MW-158!R							2	2									005		
10	BAL_MW-192							2	2									006		
11	BAL_MW-193				5/15/23	1454		2	2									007		
12	BAL_MW-194				5/15/23	1309		2	2									008		
13	BAL_MW-203							2	2									009		
14	BAL_MW-204							2	2									010		
15	BAL_MW-252							2	2					✓				011		
16	BAL_MW-253							2	2					✓				012		
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS										
BAL-23Q2-Rev 2 Ra226/228, only.		Tracy Carroll		5/15/23	1805	Brett Gilligan		5/15/23	1805	19.0 5.6		Y N								
SAMPLER NAME AND SIGNATURE											Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)						
PRINT Name of SAMPLER: Tracy Carroll																				
SIGNATURE of SAMPLER: Tracy Carroll																				
DATE Signed (MM/DD/YYYY): 5/15/23											LTLBS 10%									

Pl 88374. a 223
HMO3(89071)
to 212 MW-393 and
MW-394. 005 5-16-23
Project No. / Lab I.D.

12th 5-11-23

BAL 845-605
13090924

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey				
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		UST RCRA OTHER		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Site Location		
				Profile #:		STATE: IL		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED										Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.		
			DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓	Analysis Test ↓						
							Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃									Methanol	Other			BAL_257_601	BAL_257_605
1	BAL_MW-258						2	2																23050524-013		
2	BAL_MW-304						2	2																	014	
3	BAL_MW-306						2	2																	015	
4	BAL_MW-307						2	2																	016	
5	BAL_MW-350						2	2																	017	
6	BAL_MW-352						2	2																	018	
7	BAL_MW-355																									
8	BAL_MW-356						2	2																	019	
9	BAL_MW-358						2	2																	020	
10	BAL_MW-366						2	2																	021	
11	BAL_MW-369						2	2																	022	
12	BAL_MW-370						2	2																	023	
13	BAL_MW-375						2	2																	024	
14	BAL_MW-377						2	2																	025	
15	BAL_MW-382						2	2																	026	
16	BAL_MW-383						2	2																	027	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS																		
BAL-23Q2-Rev 2	<i>Tracy Carroll</i>	5/15/23	1805	<i>Elijah A. Hawley</i>	5/15/23	1805																			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Tracy Carroll</i> <i>Brett Gullivan</i>				
SIGNATURE of SAMPLER:	<i>Tracy Carroll</i> <i>Brett Gullivan</i>	DATE Signed (MM/DDYY):	5/15/23		

BAL 845-005
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
REGULATORY AGENCY					
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test #	Y/N	Residual Chlorine (Y/N)	Project No./ Lab I.D.									
		DRINKING WATER	DW			WATER	WT			WASTE WATER	WW	PRODUCT	P	SOIL/SOLID	SL	OIL					OL	WIPE	WP	AIR	AR	OTHER	OT	TISSUE	TS
		DATE	TIME			Unpreserved	H ₂ SO ₄			HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601					BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605			
1	BAL_XPW02								2		2										23050524-039								
2	BAL_XPW04								2		2										040								
3	BAL_XPW05								2		2										041								
4	BAL_XPW06								2		2										042								
5	BAL_MW-304 Duplicate								2		2										043								
6	Field Blank								2		2										044								
7																													
8																													
9																													
10																													
11																													
12																													
13																													
14																													
15																													
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	Jessamy Carroll	5/15/23	1805	Elizabeth A. Harty	5/15/23	1805	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Jessamy Carroll</i>	SIGNATURE of SAMPLER: <i>Brett Gilligan</i>				
DATE Signed (MM/DD/YYYY): <i>5/15/23</i>					

BAL 845-605
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Project Reference:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Profile #:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No. / Lab I.D.							
						DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
1	BAL_MW-104#SR																									
2	BAL_MW-104&DR																									
3	BAL_MW-150				2		2					✓		✓					23050524-001							
4	BAL_MW-151				2		2					✓		✓					002							
5	BAL_MW-152				2		2					✓		✓					003							
6	BAL_MW-153				2		2					✓		✓					004							
7	BAL_MW-154																									
8	BAL_MW-155																									
9	BAL_MW-158IR				2		2												005							
10	BAL_MW-192			5/16/23	1037	2		2						✓					006							
11	BAL_MW-193				2		2							✓					007							
12	BAL_MW-194				2		2							✓					008							
13	BAL_MW-203				2		2							✓					009							
14	BAL_MW-204				2		2							✓					010							
15	BAL_MW-252				2		2					✓		✓					011							
16	BAL_MW-253				2		2					✓		✓					012							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2 Ra226/228, only.	Juanjazzoli	5/16/23	1345	[Signature]	5-16-23	1845	8.2 #5 Y N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Tracy Carroll</i>	<i>Brett Gillihen</i>				
SIGNATURE of SAMPLER: <i>Juanjazzoli</i>		DATE Signed (MM/DD/YY): <i>5/16/23</i>			

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23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605				
1	BAL_MW-258						2																				23050524-013	
2	BAL_MW-304						2																					014
3	BAL_MW-306						2																					015
4	BAL_MW-307						2																					016
5	BAL_MW-350						2																					017
6	BAL_MW-352						2																					018
7	BAL_MW-355																											
8	BAL_MW-356					5/16/23	1229	2																				019
9	BAL_MW-358							2																				020
10	BAL_MW-366					5/16/23	1649	2																				021
11	BAL_MW-369							2																				022
12	BAL_MW-370							2																				023
13	BAL_MW-375							2																				024
14	BAL_MW-377							2																				025
15	BAL_MW-382					5/16/23	1542	2																				026
16	BAL_MW-383							2																				027
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																		
BAL-23Q2-Rev 2		Jenny Carrol		5/16/23	1545	MA		5/16/23	1545																			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	J Carrol B Gulligan				
SIGNATURE of SAMPLER:	Jenny Carrol	DATE Signed (MM/DD/YY):	5/16/23		

BAL-845-605
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:			
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey			
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		REGULATORY AGENCY	
				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/AT: 10 day		Project Number: 2285		Profile #:		Site Location IL	
						STATE:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No. / Lab I.D.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other
1	BAL_MW-384						2	2										23050524-028		
2	BAL_MW-390						2	2										029		
3	BAL_MW-391						2	2										030		
4	BAL_MW-392				5/16/23	1131	2	2										031		
5	BAL_MW-393						2	2										032		
6	BAL_MW-394						2	2										033		
7	BAL_OW-156																			
8	BAL_OW-157																			
9	BAL_OW-256						2	2										034		
10	BAL_OW-257						2	2										035		
11	BAL_PZ-169																			
12	BAL_PZ-170						2	2										036		
13	BAL_PZ-182						2	2										037		
14	BAL_TPZ-159																			
15	BAL_TPZ-164_pore																			
16	BAL_XPW01						2	2										038		
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS							
BAL-23Q2-Rev 2					Jason Voelker		5/16/23	1845	A		5/16/23	1845								

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: T Oaxford	B Gillhansen				
SIGNATURE of SAMPLER: T Oaxford	DATE Signed (MM/DD/YY): 5/16/23				

BAL-845-605
 23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 4 of 4	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		REGULATORY AGENCY	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Reference:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Site Location	
				Profile #:		STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Analysis Test ↓ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other	BAL_257_601					BAL_257_605	BAL_845_601	BAL_845_605
1	BAL_XPW02							2		2														23050524-039
2	BAL_XPW04							2		2														040
3	BAL_XPW05							2		2														041
4	BAL_XPW06							2		2														042
5	BAL_MW-304 Duplicate							2		2														043
6	Field Blank							2		2														044
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS														
BAL-23Q2-Rev 2		<i>Tracy Parzelli</i>		5/16/23	1845	<i>[Signature]</i>		5/16/23	1845															

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice (Y/N)	Custody Sealed/Cooled (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Tracy Parzelli</i>		SIGNATURE of SAMPLER: <i>[Signature]</i>					
DATE Signed (MM/DD/YY): <i>5/16/23</i>							

BAL-845-605
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other		
1	BAL_MW-384							2	2													
2	BAL_MW-390				5/17/23	1525		2	2													23050524-028
3	BAL_MW-391					1636		2	2													029
4	BAL_MW-392							2	2													030
5	BAL_MW-393							2	2													031
6	BAL_MW-394							2	2													032
7	BAL_OW-156																					033
8	BAL_OW-157																					
9	BAL_OW-256				5/17/23	1116		2	2													034
10	BAL_OW-257				5/17/23	1250		2	2													035
11	BAL_PZ-169																					
12	BAL_PZ-170				5/17/23	1153		2	2													036
13	BAL_PZ-182				5/17/23	1421		2	2													037
14	BAL_TPZ-159																					
15	BAL_TPZ-164_pore																					
16	BAL_XPW01							2	2													038

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q2-Rev 2	<i>Janey Carroll</i>	5/17/23	1840	<i>[Signature]</i>	5-17-23	1840	AS			
							62			4

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Carroll</i>	<i>B Gillman</i>				
SIGNATURE of SAMPLER: <i>Janey Carroll</i>	DATE Signed (MM/DD/YY): 5/17/23				

BAL 845-005
23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey				
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		UST RCRA OTHER		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Site Location		IL
				Profile #:		STATE:		

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.								
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
1	BAL_MW-104#SR																										
2	BAL_MW-104&DR																										
3	BAL_MW-150				5/18/23	1119	2	2						✓	✓				23050524-001								
4	BAL_MW-151				↓	1348	2	2						✓	✓				002								
5	BAL_MW-152					1523	2	2						✓	✓				003								
6	BAL_MW-153						2	2						✓	✓				004								
7	BAL_MW-154																										
8	BAL_MW-155																										
9	BAL_MW-158IR						2	2							✓				005								
10	BAL_MW-192						2	2							✓	✓			006								
11	BAL_MW-193						2	2							✓	✓			007								
12	BAL_MW-194						2	2							✓	✓			008								
13	BAL_MW-203						2	2							✓	✓			009								
14	BAL_MW-204						2	2							✓	✓			010								
15	BAL_MW-252				5/18/23	1553	2	2						✓	✓				011								
16	BAL_MW-253						2	2							✓	✓			012								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q2-Rev 2 Ra226/228, only.	<i>Juaney Carroll</i>	5/18/23	1830	<i>[Signature]</i>	5-18-23	1830	142	Y	N
							#5		

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>J. Carroll</i>				
SIGNATURE of SAMPLER:	<i>Juaney Carroll</i>	DATE Signed (MM/DD/YY):	5/18/23		

23050524
BAL 845 605

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No. / Lab I.D.							
			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605
1	BAL_MW-258					2	2											23050524-013							
2	BAL_MW-304					2	2											014							
3	BAL_MW-306					2	2											015							
4	BAL_MW-307					2	2											016							
5	BAL_MW-350		5/18/23	1037		2	2											017							
6	BAL_MW-352		5/18/23	1610		2	2											018							
7	BAL_MW-355																								
8	BAL_MW-356					2	2											019							
9	BAL_MW-358					2	2											020							
10	BAL_MW-366					2	2											021							
11	BAL_MW-369					2	2											022							
12	BAL_MW-370					2	2											023							
13	BAL_MW-375		5/18/23	1232		2	2											024							
14	BAL_MW-377					2	2											025							
15	BAL_MW-382					2	2											026							
16	BAL_MW-383					2	2											027							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	Juan Carrillo	5/18/23	1830	[Signature]	5-18-23	1830	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	J. Carrillo B. Gilligan				
SIGNATURE of SAMPLER:	[Signatures]	DATE Signed (MM/DD/YY):	5/18/23		

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23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:				

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000			BAL_WPCP_605	
1	BAL_MW-104#SR																										
2	BAL_MW-104&DR																										
3	BAL_MW-150						2		2																	23050524-001	
4	BAL_MW-151						2		2																	002	
5	BAL_MW-152						2		2																	003	
6	BAL_MW-153						2		2																	004	
7	BAL_MW-154																										
8	BAL_MW-155																										
9	BAL_MW-158IR					5/19/23	1055	2	2																	005	
10	BAL_MW-192							2	2																		006
11	BAL_MW-193							2	2																		007
12	BAL_MW-194							2	2																		008
13	BAL_MW-203							2	2																		009
14	BAL_MW-204							2	2																		010
15	BAL_MW-252							2	2																		011
16	BAL_MW-253							2	2																		012

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q2-Rev 2		Janey Cozart		5/19/23	1412	[Signature]		5/19/22	1419	Y N		
Ra226/228, only.				5/19/23								

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Inlect (Y/N)
PRINT Name of SAMPLER:	T Cozart 13 Gullivan				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	5/19/23		

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23050524

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:		ICL 4.6 #1		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.	
							Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605			
1	BAL_MW-104#SR		5/22/23	11:51																					
2	BAL_MW-104&DR		5/22/23	11:33																					
3	BAL_MW-150					2		2						✓		✓									23050524-001
4	BAL_MW-151					2		2						✓		✓									002
5	BAL_MW-152					2		2						✓		✓									003
6	BAL_MW-153		5/22/22	15:49		2		2						✓		✓									004
7	BAL_MW-154			17:35																					
8	BAL_MW-155			16:52																					
9	BAL_MW-158IR					2		2																	005
10	BAL_MW-192					2		2								✓									006
11	BAL_MW-193					2		2								✓									007
12	BAL_MW-194					2		2								✓									008
13	BAL_MW-203					2		2								✓									009
14	BAL_MW-204					2		2								✓									010
15	BAL_MW-252					2		2						✓		✓									011
16	* BAL_MW-253					2		2						✓		✓									012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2 Ra226/228, only.	Janey Carroll	5/22/23	1905	Allen Cole	5/22/23	1905 #5	Y N

PH 88374 UMM - added HNO3 to MW-204, MW-377, MW-384, MW-304 DUP

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Carroll	B Gilliban	
SIGNATURE of SAMPLER:	Janey Carroll		
DATE Signed (MM/DD/YY):	5/22/23		
Temp in °C	10.2	Received on ice (Y/N)	
Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)	

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Profile #:	

Page: 2 of 4

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.					
								Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL_257_601	BAL_257_605		BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605	Requested Analysis Filtered (Y/N)									
																								Requested Analysis Filtered (Y/N)									
1	BAL_MW-258						2																			23050524-013							
2	BAL_MW-304			5/22/23	1041		2																			014							
3	BAL_MW-306						2																			015							
4	BAL_MW-307						2																			016							
5	BAL_MW-350						2																			017							
6	BAL_MW-352						2																			018							
7	BAL_MW-355																																
8	BAL_MW-356						2																			019							
9	BAL_MW-358						2																			020							
10	BAL_MW-366						2																			021							
11	BAL_MW-369						2																			022							
12	BAL_MW-370						2																			023							
13	BAL_MW-375						2																			024							
14	BAL_MW-377			5/22/23	1252		2																			025							
15	BAL_MW-382						2																			026							
16	BAL_MW-383			5/22/23	1428		2																			027							

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q2-Rev 2		Tracy Carroll		5/22/23	1905	B. Galihan		5/22/23	1905				

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:		SIGNATURE of SAMPLER:					
Tracy Carroll		B. Galihan					
DATE Signed (MM/DD/YY):		DATE Signed (MM/DD/YY):					
5/22/23		5/22/23					

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23050524

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 4	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey			
Address: 13496 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		REGULATORY AGENCY	
				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:		Site Location	
						STATE: IL	

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOILS/SOLID SL OIL OL WIPE WP AIR AR TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	↓	↓	↓	↓	↓	↓	↓			↓
1	BAL_MW-384				5/22/23	1343		2		2								✓								23050524-028	
2	BAL_MW-390							2		2								✓								029	
3	BAL_MW-391							2		2								✓								030	
4	BAL_MW-392							2		2								✓								031	
5	BAL_MW-393							2		2								✓								032	
6	BAL_MW-394							2		2								✓								033	
7	BAL_OW-156																										
8	BAL_OW-157																										
9	BAL_OW-256							2		2								✓								034	
10	BAL_OW-257							2		2								✓								035	
11	BAL_PZ-169																										
12	BAL_PZ-170							2		2								✓								036	
13	BAL_PZ-182							2		2								✓								037	
14	BAL_TPZ-159																										
15	BAL_TPZ-164_pore																										
16	BAL_XPW01							2		2								✓								038	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																
BAL-23Q2-Rev 2			<i>Tracy Carroll</i>		5/22/23	1905	<i>[Signature]</i>		5-22-23	1905																	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Tracy Carroll</i>				
SIGNATURE of SAMPLER:	<i>[Signature]</i>	DATE Signed (MM/DD/YY):	5/22/23		

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CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 4	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		REGULATORY AGENCY	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Site Location	
				Profile #:		STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)	Project No./ Lab I.D.
							Preservatives												
							Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BAL_257_601	BAL_257_605		
1	BAL_MW-104#SR																		
2	BAL_MW-104&DR																		
3	BAL_MW-150					2		2											23050524-001
4	BAL_MW-151					2		2											002
5	BAL_MW-152					2		2											003
6	BAL_MW-153					2		2											004
7	BAL_MW-154																		
8	BAL_MW-155																		
9	BAL_MW-158IR					2		2											005
10	BAL_MW-192					2		2											006
11	BAL_MW-193					2		2											007
12	BAL_MW-194					2		2											008
13	BAL_MW-203		5/23/23	1844		2		2											009
14	BAL_MW-204		<u>5/23/23</u>	1811		2		2											010
15	BAL_MW-252					2		2											011
16	BAL_MW-253					2		2											012
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS								
BAL-23Q2-Rev 2 Ra226/228, only.			Tony Carroll		5/23/23	2030	Allison Calhoun		5/23/23	2030	9.0	Y	N	Y					

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: J. Carroll B. Gillihan		DATE Signed (MM/DD/YY): 5/23/23	
SIGNATURE of SAMPLER: J. Carroll			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: <u>Vistra Corp</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Jason Stuckey</u>		NPDES GROUND WATER DRINKING WATER		
Address: <u>13498 E. 900th St</u>		Copy To: <u>Jason Stuckey</u>		Company Name: <u>Vistra Corp</u>		UST RCRA OTHER		
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Address: <u>see Section A</u>		Site Location		
Phone: <u>(217) 753-8911</u> Fax:		Project Name:		Quote Reference:		STATE: <u>IL</u>		
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>2285</u>		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOILSOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No. / Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test ↓	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCCP_605					
1	BAL_MW-258						2																						23050524-013
2	BAL_MW-304						2																						014
3	BAL_MW-306				5/23/23	1611	2																						015
4	BAL_MW-307				5/23/23	1708	2																						016
5	BAL_MW-350				2		2																						017
6	BAL_MW-352				2		2																						018
7	BAL_MW-355																												
8	BAL_MW-356						2																						019
9	BAL_MW-358						2																						020
10	BAL_MW-366						2																						021
11	BAL_MW-369						2																						022
12	BAL_MW-370						2																						023
13	BAL_MW-375						2																						024
14	BAL_MW-377						2																						025
15	BAL_MW-382						2																						026
16	BAL_MW-383						2																						027

ADDITIONAL COMMENTS BAL-23Q2-Rev 2	RELINQUISHED BY / AFFILIATION <i>Jeanette Arzuff</i>	DATE 5/23/23	TIME 2030	ACCEPTED BY / AFFILIATION <i>Allison Coler</i>	DATE 5/23	TIME 2030	SAMPLE CONDITIONS			
--	---	-----------------	--------------	---	--------------	--------------	-------------------	--	--	--

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Carroll</i>	DATE Signed (MM/DD/YYYY): 5/23/23				
SIGNATURE of SAMPLER: <i>Jeanette Arzuff</i>					

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CHAIN-OF-CUSTODY / Analytical Request Document

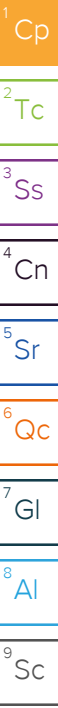
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY	
Company: <u>Vistra Corp</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Jason Stuckey</u>		NPDES GROUND WATER DRINKING WATER	
Address: <u>13498 E. 900th St</u>		Copy To: <u>Jason Stuckey</u>		Company Name: <u>Vistra Corp</u>		UST RCRA OTHER	
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Address: <u>see Section A</u>		Site Location	
Phone: <u>(217) 753-8911</u> Fax:		Project Name:		Quote Reference:		STATE: <u>IL</u>	
Requested Due Date/TAT: <u>10 day</u>		Project Number: <u>2285</u>		Project Manager:		Profile #:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000			BAL_WPCP_605
1	BAL_MW-384						2																			23050524-028
2	BAL_MW-390						2																			029
3	BAL_MW-391						2																			030
4	BAL_MW-392						2																			031
5	BAL_MW-393						2																			032
6	BAL_MW-394						2																			033
7	BAL_OW-156																									
8	BAL_OW-157																									
9	BAL_OW-256						2																			034
10	BAL_OW-257						2																			035
11	BAL_PZ-169																									
12	BAL_PZ-170						2																			036
13	BAL_PZ-182						2																			037
14	BAL_TPZ-159																									
15	BAL_TPZ-164_pore																									
16	BAL_XPW01					5/23/23	1403	2																		038

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	Jessy Carroll	5/23/23	2030	William Colu	5/23	2030	

SAMPLER NAME AND SIGNATURE		Temp. in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Traci B. Gilligan</u>	DATE Signed (MM/DD/YY): <u>5/23/23</u>				
SIGNATURE of SAMPLER: <u>Jessy Carroll</u>					



TEKLAB, Inc.

Sample Delivery Group: L1620768
Samples Received: 05/26/2023
Project Number: 23050524
Description:

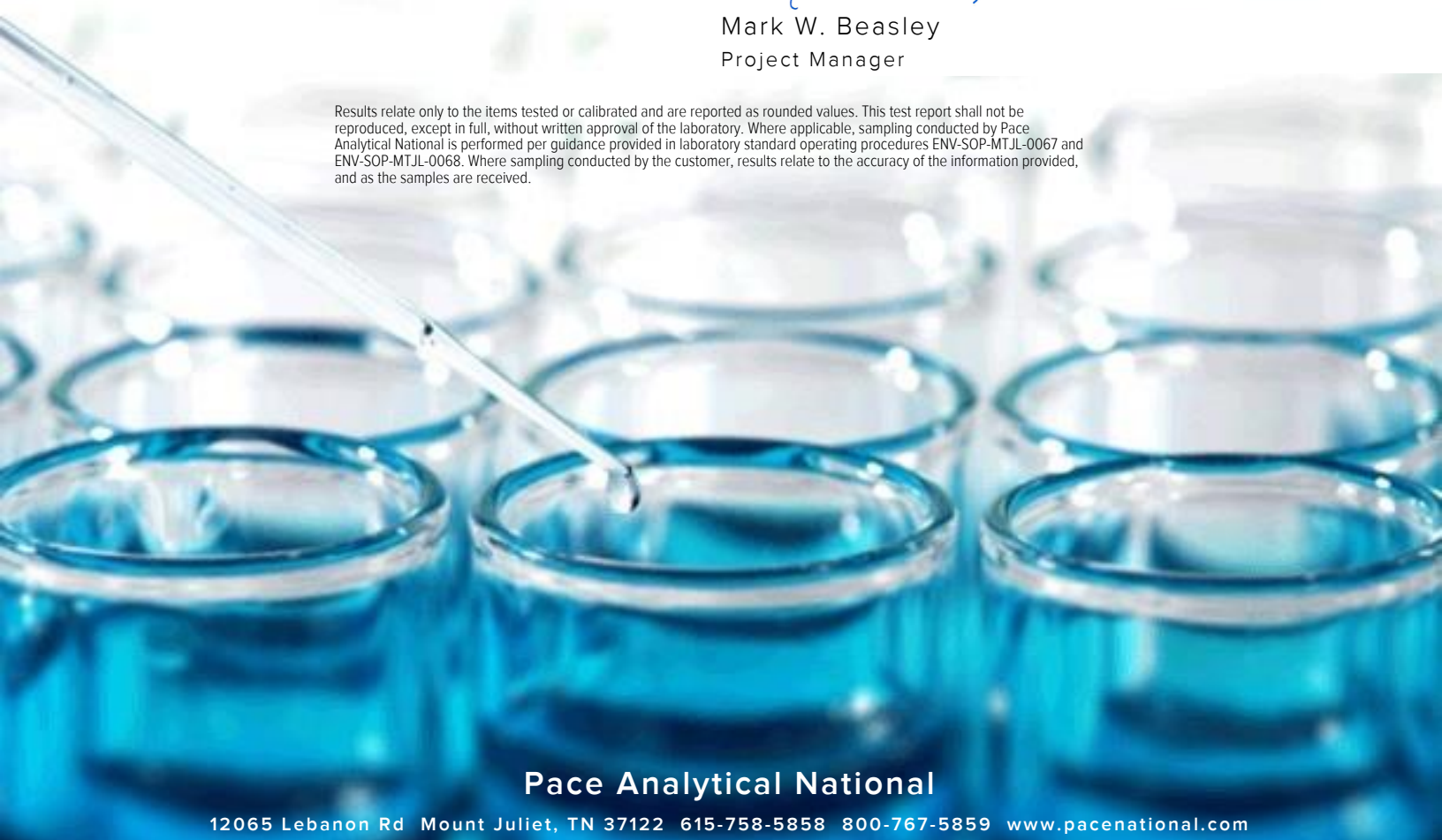
Report To: Elizabeth Hurley
5445 Horseshoe Lake Road
Collinsville, IL 62234

Entire Report Reviewed By:



Mark W. Beasley
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



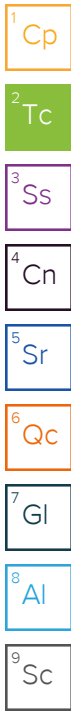
Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

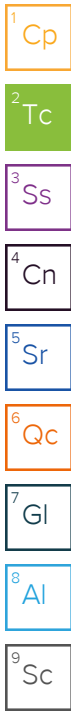
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 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

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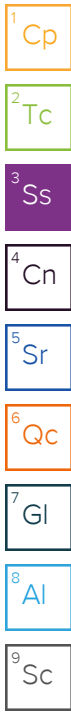


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SAMPLE SUMMARY

ATTACHMENT B.
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 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605



23050524-001 L1620768-01 Non-Potable Water

05/18/23 11:19 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075753	1	06/12/23 09:02	06/16/23 17:55	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/18/23 13:48 05/26/23 09:00

23050524-002 L1620768-02 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/18/23 15:23 05/26/23 09:00

23050524-003 L1620768-03 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/22/23 15:49 05/26/23 09:00

23050524-004 L1620768-04 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/16/23 10:37 05/26/23 09:00

23050524-006 L1620768-05 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/15/23 14:56 05/26/23 09:00

23050524-007 L1620768-06 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-008 L1620768-07 Non-Potable Water

05/15/23 13:09 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/23/23 06:44 05/26/23 09:00

23050524-009 L1620768-08 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/23/23 06:11 05/26/23 09:00

23050524-010 L1620768-09 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/18/23 15:53 05/26/23 09:00

23050524-011 L1620768-10 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/22/23 10:41 05/26/23 09:00

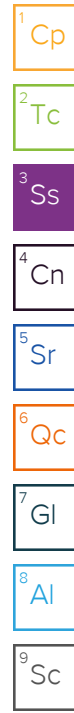
23050524-014 L1620768-11 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078595	1	06/21/23 15:37	06/22/23 18:56	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/23/23 16:11 05/26/23 09:00

23050524-015 L1620768-12 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-016 L1620768-13 Non-Potable Water

05/23/23 17:08 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/18/23 10:37 05/26/23 09:00

23050524-017 L1620768-14 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/18/23 16:10 05/26/23 09:00

23050524-018 L1620768-15 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/16/23 12:29 05/26/23 09:00

23050524-019 L1620768-16 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/16/23 16:48 05/26/23 09:00

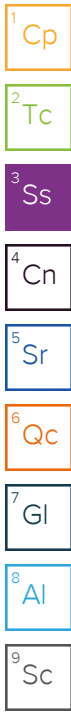
23050524-021 L1620768-17 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by
 Collected date/time
 Received date/time
 05/16/23 15:03 05/26/23 09:00

23050524-022 L1620768-18 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

23050524-023 L1620768-19 Non-Potable Water

05/16/23 14:24 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2080317	1	06/19/23 15:34	06/20/23 20:35	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2080317	1	06/19/23 15:34	06/20/23 20:35	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
05/18/23 12:32 05/26/23 09:00

23050524-024 L1620768-20 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
05/22/23 12:52 05/26/23 09:00

23050524-025 L1620768-21 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2075896	1	06/12/23 19:57	06/17/23 09:00	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
05/16/23 15:42 05/26/23 09:00

23050524-026 L1620768-22 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
05/22/23 14:28 05/26/23 09:00

23050524-027 L1620768-23 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
05/22/23 13:43 05/26/23 09:00

23050524-028 L1620768-24 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-029 L1620768-25 Non-Potable Water

05/17/23 15:25 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/17/23 16:36 05/26/23 09:00

23050524-030 L1620768-26 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/16/23 11:31 05/26/23 09:00

23050524-031 L1620768-27 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/15/23 15:43 05/26/23 09:00

23050524-032 L1620768-28 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/15/23 13:53 05/26/23 09:00

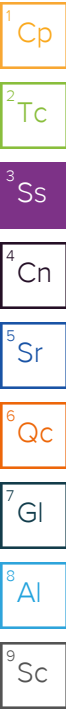
23050524-033 L1620768-29 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/17/23 11:16 05/26/23 09:00

23050524-034 L1620768-30 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/22/23 12:18	06/23/23 17:46	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-035 L1620768-31 Non-Potable Water

05/17/23 12:50 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078608	1	06/26/23 15:00	06/27/23 11:13	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078608	1	06/26/23 15:00	06/27/23 11:13	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/17/23 11:53 05/26/23 09:00

23050524-036 L1620768-32 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/17/23 14:21 05/26/23 09:00

23050524-037 L1620768-33 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/23/23 14:03 05/26/23 09:00

23050524-038 L1620768-34 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/23/23 10:55 05/26/23 09:00

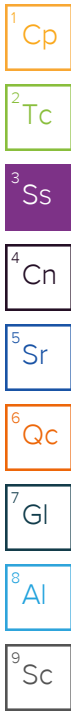
23050524-039 L1620768-35 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/23/23 13:03 05/26/23 09:00

23050524-040 L1620768-36 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-041 L1620768-37 Non-Potable Water

05/23/23 11:42 05/26/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078581	1	06/20/23 16:54	06/21/23 18:45	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078581	1	06/20/23 16:54	06/21/23 18:45	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/23/23 15:08 05/26/23 09:00

23050524-042 L1620768-38 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/22/23 10:41 05/26/23 09:00

23050524-043 L1620768-39 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/23/23 19:04 05/26/23 09:00

23050524-044 L1620768-40 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2076342	1	06/13/23 08:03	06/19/23 21:17	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/19/23 10:55 06/01/23 09:00

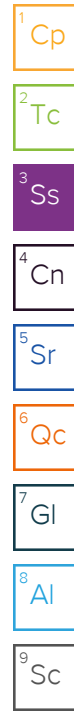
23050524-005 L1620768-41 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2077154	1	06/14/23 18:57	06/21/23 21:31	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN

Collected by Collected date/time Received date/time
 05/19/23 12:10 06/01/23 09:00

23050524-013 L1620768-42 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2077154	1	06/14/23 18:57	06/21/23 21:31	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN



SAMPLE SUMMARY

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT FLY ASH POND SYSTEM
 BAL-845-605

23050524-020 L1620768-43 Non-Potable Water

05/19/23 11:28 06/01/23 09:09

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2077154	1	06/14/23 18:57	06/21/23 21:31	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2078613	1	06/22/23 17:27	06/27/23 13:56	RGT	Mt. Juliet, TN

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

CASE NARRATIVE

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mark W. Beasley
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.469	J	0.275	0.484	06/16/2023 17:55	WG2075753
(T) Barium	84.9			30.0-143	06/16/2023 17:55	WG2075753
(T) Yttrium	128			30.0-136	06/16/2023 17:55	WG2075753

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.39		0.503	0.571	06/22/2023 18:56	WG2078595

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.916		0.421	0.303	06/22/2023 18:56	WG2078595
(T) Barium-133	80.6			30.0-143	06/22/2023 18:56	WG2078595

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

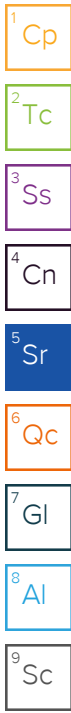
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	2.12		1.10	1.96	06/17/2023 09:00	WG2075896
(T) Barium	52.1			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	98.0			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.92		1.17	1.99	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.796		0.387	0.344	06/22/2023 18:56	WG2078595
(T) Barium-133	82.4			30.0-143	06/22/2023 18:56	WG2078595



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-1.03	<u>U</u>	0.338	0.642	06/17/2023 09:00	WG2075896
(T) Barium	84.3			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	99.6			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.179	<u>U</u>	0.373	0.667	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.179	<u>J</u>	0.158	0.180	06/22/2023 18:56	WG2078595
(T) Barium-133	100			30.0-143	06/22/2023 18:56	WG2078595

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.57		0.632	1.11	06/17/2023 09:00	WG2075896
(T) Barium	43.8			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	99.8			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.68		0.741	1.13	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	1.11		0.386	0.208	06/22/2023 18:56	WG2078595
(T) Barium-133	95.5			30.0-143	06/22/2023 18:56	WG2078595

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.0673	<u>U</u>	0.295	0.540	06/17/2023 09:00	WG2075896
(T) Barium	102			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	110			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.732		0.476	0.627	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.732		0.374	0.318	06/22/2023 18:56	WG2078595
(T) Barium-133	81.6			30.0-143	06/22/2023 18:56	WG2078595

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.788		0.299	0.525	06/17/2023 09:00	WG2075896
(T) Barium	97.9			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	84.2			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.06		0.401	0.630	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.272	J	0.267	0.348	06/22/2023 18:56	WG2078595
(T) Barium-133	96.9			30.0-143	06/22/2023 18:56	WG2078595

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.455	J	0.329	0.591	06/17/2023 09:00	WG2075896
(T) Barium	102			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	119			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.484	J	0.381	0.685	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0294	U	0.193	0.347	06/22/2023 18:56	WG2078595
(T) Barium-133	89.6			30.0-143	06/22/2023 18:56	WG2078595

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.394	J	0.222	0.397	06/17/2023 09:00	WG2075896
(T) Barium	98.7			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	97.2			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.663		0.323	0.482	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.269	J	0.235	0.274	06/22/2023 18:56	WG2078595
(T) Barium-133	92.3			30.0-143	06/22/2023 18:56	WG2078595

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.155	<u>U</u>	0.217	0.398	06/17/2023 09:00	WG2075896
(T) Barium	89.0			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	112			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.314	<u>J</u>	0.313	0.514	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.160	<u>J</u>	0.225	0.326	06/22/2023 18:56	WG2078595
(T) Barium-133	93.2			30.0-143	06/22/2023 18:56	WG2078595

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

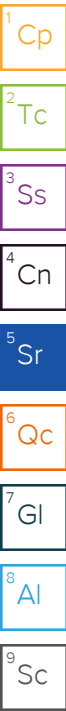
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.427	<u>U</u>	0.276	0.515	06/17/2023 09:00	WG2075896
(T) Barium	101			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	117			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.237	<u>U</u>	0.370	0.610	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.237	<u>J</u>	0.247	0.326	06/22/2023 18:56	WG2078595
(T) Barium-133	90.0			30.0-143	06/22/2023 18:56	WG2078595



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.000	<u>U</u>	0.217	0.401	06/17/2023 09:00	WG2075896
(T) Barium	98.4			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	110			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.381	<u>J</u>	0.360	0.516	06/22/2023 18:56	WG2078595

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.381		0.287	0.324	06/22/2023 18:56	WG2078595
(T) Barium-133	87.0			30.0-143	06/22/2023 18:56	WG2078595

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

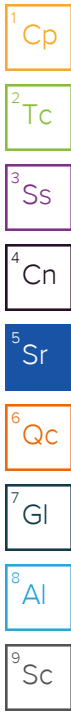
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.133	<u>U</u>	0.228	0.415	06/17/2023 09:00	WG2075896
(T) Barium	107			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	132			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.133	<u>U</u>	0.278	0.532	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	-0.0227	<u>U</u>	0.159	0.333	06/20/2023 20:35	WG2080317
(T) Barium-133	85.0			30.0-143	06/20/2023 20:35	WG2080317



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.151	<u>U</u>	0.258	0.479	06/17/2023 09:00	WG2075896
(T) Barium	101			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	119			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.530	<u>J</u>	0.389	0.532	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.530		0.291	0.232	06/20/2023 20:35	WG2080317
(T) Barium-133	77.4			30.0-143	06/20/2023 20:35	WG2080317

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.578		0.278	0.494	06/17/2023 09:00	WG2075896
(T) Barium	101			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	92.4			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.20		0.416	0.544	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.626		0.309	0.227	06/20/2023 20:35	WG2080317
(T) Barium-133	87.6			30.0-143	06/20/2023 20:35	WG2080317

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.601		0.298	0.531	06/17/2023 09:00	WG2075896
(T) Barium	114			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	120			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.09		0.487	0.687	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.484		0.385	0.436	06/20/2023 20:35	WG2080317
(T) Barium-133	59.5			30.0-143	06/20/2023 20:35	WG2080317

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.153	<u>U</u>	0.209	0.392	06/17/2023 09:00	WG2075896
(T) Barium	103			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	103			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.0477	<u>U</u>	0.349	0.625	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0477	<u>U</u>	0.280	0.487	06/20/2023 20:35	WG2080317
(T) Barium-133	69.2			30.0-143	06/20/2023 20:35	WG2080317

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.133	<u>U</u>	0.289	0.531	06/17/2023 09:00	WG2075896
(T) Barium	88.5			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	101			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.168	<u>U</u>	0.369	0.672	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0349	<u>U</u>	0.229	0.412	06/20/2023 20:35	WG2080317
(T) Barium-133	75.4			30.0-143	06/20/2023 20:35	WG2080317

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.577		0.266	0.472	06/17/2023 09:00	WG2075896
(T) Barium	94.6			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	114			30.0-136	06/17/2023 09:00	WG2075896

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.871		0.356	0.540	06/20/2023 20:35	WG2080317

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.294		0.236	0.262	06/20/2023 20:35	WG2080317
(T) Barium-133	96.5			30.0-143	06/20/2023 20:35	WG2080317

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

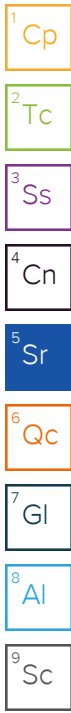
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.06		0.231	0.388	06/17/2023 09:00	WG2075896
(T) Barium	93.1			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	112			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.25		0.328	0.505	06/20/2023 20:35	WG2080317

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.191	J	0.233	0.324	06/20/2023 20:35	WG2080317
(T) Barium-133	93.6			30.0-143	06/20/2023 20:35	WG2080317



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.543		0.258	0.457	06/17/2023 09:00	WG2075896
(T) Barium	107			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	127			30.0-136	06/17/2023 09:00	WG2075896

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.624		0.304	0.531	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0818	<u>U</u>	0.160	0.270	06/23/2023 17:46	WG2078608
(T) Barium-133	92.4			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.737		0.222	0.384	06/17/2023 09:00	WG2075896
(T) Barium	105			30.0-143	06/17/2023 09:00	WG2075896
(T) Yttrium	124			30.0-136	06/17/2023 09:00	WG2075896

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.737		0.265	0.514	06/23/2023 17:46	WG2078608

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	-0.0619	<u>U</u>	0.144	0.341	06/23/2023 17:46	WG2078608
(T) Barium-133	88.6			30.0-143	06/23/2023 17:46	WG2078608

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.583		0.279	0.490	06/19/2023 21:17	WG2076342
(T) Barium	107			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	106			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.832		0.362	0.562	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.250	J	0.231	0.275	06/23/2023 17:46	WG2078608
(T) Barium-133	88.8			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.0102	<u>U</u>	0.285	0.516	06/19/2023 21:17	WG2076342
(T) Barium	102			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	108			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.0454	<u>U</u>	0.328	0.589	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0454	<u>U</u>	0.163	0.285	06/23/2023 17:46	WG2078608
(T) Barium-133	99.2			30.0-143	06/23/2023 17:46	WG2078608

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.08		0.292	0.501	06/19/2023 21:17	WG2076342
(T) Barium	112			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	102			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.21		0.324	0.534	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.125	J	0.140	0.185	06/23/2023 17:46	WG2078608
(T) Barium-133	97.5			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.902		0.249	0.427	06/19/2023 21:17	WG2076342
(T) Barium	106			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	103			30.0-136	06/19/2023 21:17	WG2076342

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.20		0.323	0.471	06/23/2023 17:46	WG2078608

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.295		0.206	0.199	06/23/2023 17:46	WG2078608
(T) Barium-133	99.5			30.0-143	06/23/2023 17:46	WG2078608

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.993		0.245	0.417	06/19/2023 21:17	WG2076342
(T) Barium	101			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	111			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.42		0.387	0.521	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.430		0.299	0.313	06/23/2023 17:46	WG2078608
(T) Barium-133	83.0			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.703		0.231	0.400	06/19/2023 21:17	WG2076342
(T) Barium	111			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	107			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.836		0.323	0.525	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.133	J	0.226	0.340	06/23/2023 17:46	WG2078608
(T) Barium-133	99.2			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.343	<u>U</u>	0.214	0.403	06/19/2023 21:17	WG2076342
(T) Barium	108			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	119			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.192	<u>U</u>	0.311	0.510	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.192	<u>J</u>	0.226	0.312	06/23/2023 17:46	WG2078608
(T) Barium-133	99.5			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.105	<u>U</u>	0.276	0.497	06/19/2023 21:17	WG2076342
(T) Barium	111			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	106			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.353	<u>J</u>	0.351	0.558	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.248	<u>J</u>	0.217	0.253	06/23/2023 17:46	WG2078608
(T) Barium-133	105			30.0-143	06/23/2023 17:46	WG2078608

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.386	J	0.232	0.412	06/19/2023 21:17	WG2076342
(T) Barium	114			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	94.1			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.717		0.346	0.514	06/23/2023 17:46	WG2078608

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.331		0.257	0.307	06/23/2023 17:46	WG2078608
(T) Barium-133	98.7			30.0-143	06/23/2023 17:46	WG2078608

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	20.1		2.42	3.83	06/19/2023 21:17	WG2076342
(T) Barium	11.3	C2		30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	125			30.0-136	06/19/2023 21:17	WG2076342

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	25.3		2.51	3.84	06/27/2023 11:13	WG2078608

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	5.22		0.649	0.249	06/27/2023 11:13	WG2078608
(T) Barium-133	82.4			30.0-143	06/27/2023 11:13	WG2078608

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.191	<u>U</u>	0.290	0.535	06/19/2023 21:17	WG2076342
(T) Barium	105			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	93.5			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.181	<u>U</u>	0.360	0.611	06/21/2023 18:45	WG2078581

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.181	<u>J</u>	0.214	0.295	06/21/2023 18:45	WG2078581
(T) Barium-133	95.9			30.0-143	06/21/2023 18:45	WG2078581

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

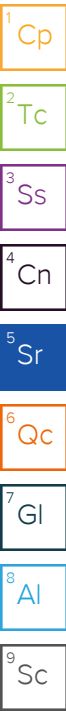
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.699		0.355	0.627	06/19/2023 21:17	WG2076342
(T) Barium	102			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	110			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.925		0.399	0.657	06/21/2023 18:45	WG2078581

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.226		0.183	0.195	06/21/2023 18:45	WG2078581
(T) Barium-133	92.1			30.0-143	06/21/2023 18:45	WG2078581



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.863		0.233	0.396	06/19/2023 21:17	WG2076342
(T) Barium	115			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	103			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.07		0.297	0.448	06/21/2023 18:45	WG2078581

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.208	J	0.184	0.209	06/21/2023 18:45	WG2078581
(T) Barium-133	94.9			30.0-143	06/21/2023 18:45	WG2078581

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.677		0.219	0.378	06/19/2023 21:17	WG2076342
(T) Barium	111			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	108			30.0-136	06/19/2023 21:17	WG2076342

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.07		0.338	0.459	06/21/2023 18:45	WG2078581

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.392		0.257	0.260	06/21/2023 18:45	WG2078581
(T) Barium-133	99.9			30.0-143	06/21/2023 18:45	WG2078581

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.900		0.321	0.557	06/19/2023 21:17	WG2076342
(T) Barium	85.2			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	114			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.07		0.400	0.654	06/21/2023 18:45	WG2078581

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.168	J	0.238	0.343	06/21/2023 18:45	WG2078581
(T) Barium-133	98.1			30.0-143	06/21/2023 18:45	WG2078581

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.980		0.245	0.413	06/19/2023 21:17	WG2076342
(T) Barium	107			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	109			30.0-136	06/19/2023 21:17	WG2076342

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.21		0.343	0.521	06/21/2023 18:45	WG2078581

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.229	J	0.240	0.318	06/21/2023 18:45	WG2078581
(T) Barium-133	97.7			30.0-143	06/21/2023 18:45	WG2078581

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.552		0.253	0.444	06/19/2023 21:17	WG2076342
(T) Barium	95.1			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	102			30.0-136	06/19/2023 21:17	WG2076342

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.728		0.340	0.549	06/27/2023 13:56	WG2078613

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.177	J	0.227	0.323	06/27/2023 13:56	WG2078613
(T) Barium-133	83.5			30.0-143	06/27/2023 13:56	WG2078613

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.49		0.266	0.439	06/19/2023 21:17	WG2076342
(T) Barium	106			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	114			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.49		0.336	0.591	06/27/2023 13:56	WG2078613

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	-0.00839	<u>U</u>	0.205	0.396	06/27/2023 13:56	WG2078613
(T) Barium-133	79.6			30.0-143	06/27/2023 13:56	WG2078613

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.27		0.230	0.375	06/19/2023 21:17	WG2076342
(T) Barium	110			30.0-143	06/19/2023 21:17	WG2076342
(T) Yttrium	99.7			30.0-136	06/19/2023 21:17	WG2076342

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.42		0.285	0.433	06/27/2023 13:56	WG2078613

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.148	J	0.169	0.217	06/27/2023 13:56	WG2078613
(T) Barium-133	85.2			30.0-143	06/27/2023 13:56	WG2078613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.06		0.376	0.665	06/21/2023 21:31	WG2077154
(T) Barium	105			30.0-143	06/21/2023 21:31	WG2077154
(T) Yttrium	109			30.0-136	06/21/2023 21:31	WG2077154

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.84		0.651	0.730	06/27/2023 13:56	WG2078613

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	1.78		0.532	0.301	06/27/2023 13:56	WG2078613
(T) Barium-133	82.4			30.0-143	06/27/2023 13:56	WG2078613

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.258	<u>U</u>	0.326	0.602	06/21/2023 21:31	WG2077154
(T) Barium	122			30.0-143	06/21/2023 21:31	WG2077154
(T) Yttrium	114			30.0-136	06/21/2023 21:31	WG2077154

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.499	<u>J</u>	0.404	0.674	06/27/2023 13:56	WG2078613

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.241	<u>J</u>	0.238	0.304	06/27/2023 13:56	WG2078613
(T) Barium-133	90.1			30.0-143	06/27/2023 13:56	WG2078613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.608		0.220	0.390	06/21/2023 21:31	WG2077154
(T) Barium	115			30.0-143	06/21/2023 21:31	WG2077154
(T) Yttrium	103			30.0-136	06/21/2023 21:31	WG2077154

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.816		0.287	0.436	06/27/2023 13:56	WG2078613

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.208		0.184	0.196	06/27/2023 13:56	WG2078613
(T) Barium-133	83.6			30.0-143	06/27/2023 13:56	WG2078613

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3940626-1 06/16/23 17:55

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-228	-0.138	<u>U</u>	0.147	0.273
(T) Barium	91.3		91.3	
(T) Yttrium	105		105	

L1616012-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1616012-07 06/16/23 17:55 • (DUP) R3940626-5 06/16/23 17:55

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-228	1.13	0.346	0.591	1.05	0.372	0.591	1	7.07	0.152		20	3
(T) Barium	86.3			97.8	97.8							
(T) Yttrium	105			94.7	94.7							

Laboratory Control Sample (LCS)

(LCS) R3940626-2 06/16/23 17:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-228	5.00	4.26	85.3	80.0-120	
(T) Barium			106		
(T) Yttrium			90.5		

L1616012-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1616012-05 06/16/23 17:55 • (MS) R3940626-3 06/16/23 17:55 • (MSD) R3940626-4 06/16/23 17:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-228	16.7	0.584	13.9	14.5	79.6	83.3	1	70.0-130			4.30		20
(T) Barium		98.4			102	93.4							
(T) Yttrium		101			103	124							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3940641-1 06/17/23 09:00

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-228	0.398		0.136	0.238
(T) Barium	104		104	
(T) Yttrium	110		110	

L1620768-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-07 06/17/23 09:00 • (DUP) R3940641-5 06/17/23 09:00

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.455	0.329	0.591	0.622	0.339	0.591	1	31.1	0.355		20	3
(T) Barium	102			99.8	99.8							
(T) Yttrium	119			122	122							

Laboratory Control Sample (LCS)

(LCS) R3940641-2 06/17/23 09:00

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	4.38	87.6	80.0-120	
(T) Barium			107		
(T) Yttrium			103		

L1620768-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-15 06/17/23 09:00 • (MS) R3940641-3 06/17/23 09:00 • (MSD) R3940641-4 06/17/23 09:00

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	10.0	0.601	9.03	9.21	84.2	86.1	1	70.0-130			2.01		20
(T) Barium		114			102	104							
(T) Yttrium		120			117	95.6							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3940685-1 06/19/23 21:17

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-228	0.473		0.159	0.276
(T) Barium	119		119	
(T) Yttrium	88.0		88.0	

L1620768-33 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-33 06/19/23 21:17 • (DUP) R3940685-5 06/19/23 21:17

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.699	0.355	0.627	0.280	0.364	0.627	1	85.5	0.823	<u>U</u>	20	3
(T) Barium	102			93.9	93.9							
(T) Yttrium	110			99.6	99.6							

Laboratory Control Sample (LCS)

(LCS) R3940685-2 06/19/23 21:17

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.01	100	80.0-120	
(T) Barium			122		
(T) Yttrium			113		

L1620768-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-22 06/19/23 21:17 • (MS) R3940685-3 06/19/23 21:17 • (MSD) R3940685-4 06/19/23 21:17

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	0.583	17.3	15.1	99.8	86.7	1	70.0-130			13.6		20
(T) Barium		107			106	103							
(T) Yttrium		106			113	122							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3940781-1 06/21/23 21:31

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-228	0.163	↓	0.134	0.245
(T) Barium	111		111	
(T) Yttrium	109		109	

L1620768-42 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-42 06/21/23 21:31 • (DUP) R3940781-5 06/21/23 21:31

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-228	0.258	0.326	0.602	1.02	0.329	0.602	1	119	1.64		20	3
(T) Barium	122			108	108							
(T) Yttrium	114			109	109							

Laboratory Control Sample (LCS)

(LCS) R3940781-2 06/21/23 21:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-228	5.00	4.98	99.7	80.0-120	
(T) Barium			112		
(T) Yttrium			110		

L1618373-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1618373-01 06/21/23 21:31 • (MS) R3940781-3 06/21/23 21:31 • (MSD) R3940781-4 06/21/23 21:31

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-228	10.0	-0.124	9.11	9.19	91.1	91.9	1	70.0-130			0.874		20
(T) Barium		107			115	124							
(T) Yttrium		108			105	106							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3940323-5 06/21/23 22:26

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-226	0.00526	<u>U</u>	0.0342	0.0632
(T) Barium-133	70.8		70.8	

L1620768-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-32 06/21/23 18:45 • (DUP) R3940323-4 06/21/23 18:45

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.181	0.214	0.295	0.172	0.235	0.295	1	5.04	0.0280	<u>J</u>	20	3
(T) Barium-133	95.9			93.2	93.2							

Laboratory Control Sample (LCS)

(LCS) R3940323-1 06/21/23 18:45

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.01	5.83	116	80.0-120	
(T) Barium-133			72.4		

L1620768-35 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-35 06/21/23 18:45 • (MS) R3940323-2 06/21/23 18:45 • (MSD) R3940323-3 06/21/23 18:45

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.392	21.3	21.9	105	108	1	75.0-125			2.78		20
(T) Barium-133		99.9			90.0	92.4							



Method Blank (MB)

(MB) R3940846-1 06/22/23 18:56

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-226	0.00814	<u>U</u>	0.0357	0.0707
(T) Barium-133	95.5		95.5	

L1620768-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-01 06/22/23 18:56 • (DUP) R3940846-5 06/22/23 18:56

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.916	0.421	0.303	0.00869	0.166	0.303	1	196	2.01	<u>U</u>	20	3
(T) Barium-133	80.6			80.4	80.4							

Laboratory Control Sample (LCS)

(LCS) R3940846-2 06/22/23 18:56

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.01	5.82	116	80.0-120	
(T) Barium-133			88.6		

L1620768-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-11 06/22/23 18:56 • (MS) R3940846-3 06/22/23 18:56 • (MSD) R3940846-4 06/22/23 18:56

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.381	20.5	20.8	101	102	1	75.0-125			1.26		20
(T) Barium-133		87.0			89.6	86.7							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3941782-1 06/23/23 17:46

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-226	0.0104	<u>U</u>	0.0583	0.109
(T) Barium-133	64.8		64.8	

L1620768-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-20 06/23/23 17:46 • (DUP) R3941782-5 06/23/23 17:46

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-226	0.0818	0.160	0.270	0.0852	0.183	0.270	1	4.12	0.0142	<u>U</u>	20	3
(T) Barium-133	92.4			81.8	81.8							

Laboratory Control Sample (LCS)

(LCS) R3941782-2 06/23/23 17:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-226	5.01	5.72	114	80.0-120	
(T) Barium-133			69.2		

L1620768-27 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-27 06/23/23 17:46 • (MS) R3941782-3 06/23/23 17:46 • (MSD) R3941782-4 06/23/23 17:46

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-226	20.0	0.133	21.8	19.9	108	98.6	1	75.0-125			9.31		20
(T) Barium-133		99.2			80.1	90.4							



Method Blank (MB)

(MB) R3941984-1 06/27/26 13:20

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-226	-0.00902	<u>U</u>	0.0279	0.0580
(T) Barium-133	85.0		85.0	

L1620768-43 Original Sample (OS) • Duplicate (DUP)

(OS) L1620768-43 06/27/23 13:56 • (DUP) R3941984-5 06/27/26 13:20

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.208	0.184	0.196	0.120	0.246	0.196	1	53.6	0.286	<u>U</u>	20	3
(T) Barium-133	83.6			83.3	83.3							

Laboratory Control Sample (LCS)

(LCS) R3941984-2 06/27/26 13:20

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.01	5.40	108	80.0-120	
(T) Barium-133			85.7		

L1620768-38 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-38 06/27/23 13:56 • (MS) R3941984-3 06/27/26 13:20 • (MSD) R3941984-4 06/27/26 13:20

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.177	19.7	21.5	97.7	107	1	75.0-125			8.59		20
(T) Barium-133		83.5			79.2	73.3							



Method Blank (MB)

(MB) R3939719-1 06/20/23 20:35

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-226	-0.00564	<u>U</u>	0.0395	0.0828
(T) Barium-133	88.5		88.5	

L1618517-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1618517-01 06/20/23 20:35 • (DUP) R3939719-5 06/20/23 20:35

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-226	0.231	0.228	0.292	0.229	0.203	0.292	1	0.826	0.00622		20	3
(T) Barium-133	85.1			85.6	85.6							

Laboratory Control Sample (LCS)

(LCS) R3939719-2 06/20/23 20:35

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-226	5.01	5.61	112	80.0-120	
(T) Barium-133			85.1		

L1620768-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1620768-19 06/20/23 20:35 • (MS) R3939719-3 06/20/23 20:35 • (MSD) R3939719-4 06/20/23 20:35

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-226	20.0	0.191	24.1	21.2	120	105	1	75.0-125			13.0		20
(T) Barium-133		93.6			85.1	86.0							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

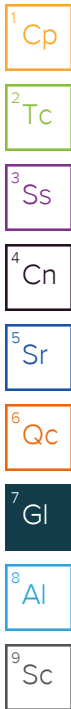
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C2	Tracer recovery limits have been exceeded; values are outside lower control limits.
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

TEKLAB, INC. Chain of Custody

C129

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES NO With: Ice Blue Ice Preserved in: Lab Field

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: Sampler: Client QC Level: 3

Comments: **Please issue reports and invoices via email only**
Please analyze for Radium 22/228 per methods specified for Vistra/Ramboll projects.
Collected at an IL site.
Batch QC is required for all analyses requested. EDD requested.

Project# 23050524

Contact: Liz Hurley
Requested Due Date: 10-15 day TAT

Email: ehurley@teklabinc.com
Billing/PO: 34441

Phone: 618 344-1004

U1620768

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately. Any changes to analysis/methods must be approved by Teklab, Inc.

PH-10BDH4321 TRC 2'141'41"
CR6-220221V

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228													
-01	23050524-001	5/18/23 1119	HNO3	Groundwater	✓													
-02	23050524-002	5/18/23 1348	HNO3	Groundwater	✓													
-03	23050524-003	5/18/23 1523	HNO3	Groundwater	✓													
-04	23050524-004	5/22/23 1549	HNO3	Groundwater	✓													
	23050524-005	5/19/23 1055	HNO3	Groundwater	✓													
-05	23050524-006	5/16/23 1037	HNO3	Groundwater	✓													
-06	23050524-007	5/15/23 1456	HNO3	Groundwater	✓													
-07	23050524-008	5/15/23 1309	HNO3	Groundwater	✓													
-08	23050524-009	5/23/23 0644	HNO3	Groundwater	✓													
-09	23050524-010	5/23/23 0611	HNO3	Groundwater	✓													
-10	23050524-011	5/18/23 1553	HNO3	Groundwater	✓													

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	5.24.23	<i>[Signature]</i> GRACE BARRON PALE	5.26.23 @ 0900

Sample Receipt Checklist

COC Seal Present/Intact: Y N If Applicable

COC Signed/Accurate: Y N VOA Zero Headpace: Y N

Bottles arrive intact: Y N Pres. Correct/Check: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

such does not provide client/sampler information without proper authorization, and proprietary rights, as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES NO With: Ice Blue Ice Preserved in: Lab Field

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: QC Level:

Comments: **Please Issue reports and invoices via email only**
 Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
 Collected at an IL site.
 Batch QC is required for all analyses requested. EDD requested.

Project#

Contact:

Email:

Requested Due Date:

Billing/PO:

Phone:

4620768

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately. Any changes to analysis/methods must be approved by Teklab, Inc.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228													
	23050524-013	5/19/23 1210	HNO3	Groundwater	✓													
-11	23050524-014	5/22/23 1041	HNO3	Groundwater	✓													
-12	23050524-015	5/23/23 1611	HNO3	Groundwater	✓													
-13	23050524-016	5/23/23 1708	HNO3	Groundwater	✓													
-14	23050524-017	5/18/23 1037	HNO3	Groundwater	✓													
-15	23050524-018	5/18/23 1610	HNO3	Groundwater	✓													
-16	23050524-019	5/16/23 1229	HNO3	Groundwater	✓													
	23050524-020	5/19/23 1128	HNO3	Groundwater	✓													
-17	23050524-021	5/16/23 1648	HNO3	Groundwater	✓													
-18	23050524-022	5/16/23 1503	HNO3	Groundwater	✓													
-19	23050524-023	5/16/23 1424	HNO3	Groundwater	✓													

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	5.24.23	<i>[Signature]</i> (7) GRACE BARRON (PACE)	5.26.23 @ 0900

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization. and proprietary rights. Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES NO With: Ice Blue Ice Preserved in: Lab Field

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: QC Level:

Comments: **Please Issue reports and invoices via email only**
 Please analyze for Radium 221/228 per methods specified for Vistra/Ramboll projects.
 Collected at an IL site.
 Batch QC is required for all analyses requested. EDD requested.

Project#

Contact:

Email:

Requested Due Date:

Billing/PO:

Phone:

11620768

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately. Any changes to analysis/methods must be approved by Teklab, Inc.

Ra226/228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
-20	23050524-024	5/18/23 1232	HNO3	Groundwater
-21	23050524-025	5/22/23 1252	HNO3	Groundwater
-22	23050524-026	5/16/23 1542	HNO3	Groundwater
-23	23050524-027	5/22/23 1428	HNO3	Groundwater
-24	23050524-028	5/22/23 1343	HNO3	Groundwater
-25	23050524-029	5/17/23 1525	HNO3	Groundwater
-26	23050524-030	5/17/23 1636	HNO3	Groundwater
-27	23050524-031	5/16/23 1131	HNO3	Groundwater
-28	23050524-032	5/15/23 1543	HNO3	Groundwater
-29	23050524-033	5/15/23 1353	HNO3	Groundwater
-30	23050524-034	5/17/23 1116	HNO3	Groundwater

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	5.24.23	<i>[Signature]</i> GRACE BARRON (ALE)	5.26.23 @ 0900

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES NO With: Ice Blue Ice Preserved in: Lab Field

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: Client QC Level: 3

Comments: **Please issue reports and invoices via email only**
 Please analyze for Radium 22/228 per methods specified for Vistra/Ramboll projects.
 I Collected at an IL site.
 Batch QC is required for all analyses requested. EDD requested.

Project# 23050524

Contact: Liz Hurley Email: ehurley@teklabinc.com
 Requested Due Date: 10-15 day TAT Billing/PO: 34441

Phone: 618 344-1004

4620765

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately. Any changes to analysis/methods must be approved by Teklab, Inc.

Ra226/228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Relinquished By <i>[Signature]</i>	Date/Time 5.24.23	Received By <i>[Signature]</i> GRACE BARRON (PAC)	Date/Time 5.26.23 @ 0900

Tracking Numbers	Temperature
0319 3016 254D	NS47 20.7 + 0 = 20.7 NS47
0319 3016 2572	NS47 20.3 + 0 = 20.3 NS47
0319 3016 2556	NS47 21.4 + 0 = 21.4 NS47
0319 3016 2561	NS47 20.8 + 0 = 20.8 NS47

11/20/23

July 24, 2023

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-23Q2 Resample

WorkOrder: 23070156

Dear Eric Bauer:

TEKLAB, INC received 6 samples on 7/10/2023 4:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	19
Dates Report	20
Quality Control Results	25
Receiving Check List	36
Chain of Custody	Appended

Definitions

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Cooler Receipt Temp: 8.6 °C

An employee of Teklab, Inc. collected the sample(s).

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-001
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23
Client Sample ID: MW-151
Collection Date: 07/10/2023 13:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.78	ft	1	07/10/2023 13:45	R331608
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		15	NTU	1	07/10/2023 13:45	R331608
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		125	mV	1	07/10/2023 13:45	R331608
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		922	µS/cm	1	07/10/2023 13:45	R331608
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	07/10/2023 13:45	R331608
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		19.3	mg/L	1	07/10/2023 13:45	R331608
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	07/10/2023 13:45	R331608
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		602	mg/L	1	07/12/2023 10:51	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	12	20		86	mg/L	2	07/21/2023 12:51	R333007
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		82	mg/L	2	07/21/2023 13:53	R333007
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		0.53	mg/L	1	07/11/2023 14:29	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.53	mg/L	1	07/11/2023 12:05	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	1	4		39	mg/L	1	07/14/2023 20:18	R331669
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		38	mg/L	1	07/14/2023 21:46	R331669
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:21	208292
Barium	NELAP	0.0007	0.0025		0.0547	mg/L	1	07/11/2023 17:21	208292
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:21	208292
Boron	NELAP	0.0090	0.0200		0.760	mg/L	1	07/11/2023 17:21	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:21	208292
Calcium	NELAP	0.0350	0.100		112	mg/L	1	07/11/2023 17:21	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:21	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:21	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:21	208292
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 14:50	208291
Barium	NELAP	0.0007	0.0025		0.0550	mg/L	1	07/11/2023 14:50	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 14:50	208291
Boron	NELAP	0.0090	0.0200		0.749	mg/L	1	07/11/2023 14:50	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 14:50	208291
Calcium	NELAP	0.0350	0.100		116	mg/L	1	07/11/2023 14:50	208291
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 14:50	208291



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-001
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: MW-151

Collection Date: 07/10/2023 13:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 14:50	208291
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 14:50	208291
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/13/2023 11:27	208292
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/13/2023 11:27	208292
Lithium	*	0.0015	0.0030		0.0302	mg/L	5	07/17/2023 10:12	208292
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 11:27	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:27	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010	J	0.0008	mg/L	5	07/13/2023 10:03	208291
Cobalt	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	07/13/2023 10:03	208291
Lithium	*	0.0015	0.0030		0.0277	mg/L	5	07/17/2023 9:09	208291
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 10:03	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:03	208291
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:27	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:24	208293



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-002
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23
Client Sample ID: MW-153
Collection Date: 07/10/2023 14:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.50	ft	1	07/10/2023 14:58	R331608
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.4	NTU	1	07/10/2023 14:58	R331608
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		150	mV	1	07/10/2023 14:58	R331608
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		570	µS/cm	1	07/10/2023 14:58	R331608
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	07/10/2023 14:58	R331608
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		19.9	mg/L	1	07/10/2023 14:58	R331608
SW-846 9040B FIELD									
pH	*	0	1.00		6.84		1	07/10/2023 14:58	R331608
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		378	mg/L	1	07/12/2023 10:52	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	12	20		67	mg/L	2	07/21/2023 13:12	R333007
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		62	mg/L	2	07/21/2023 14:03	R333007
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		0.43	mg/L	1	07/11/2023 14:31	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.39	mg/L	1	07/11/2023 12:06	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	1	4		19	mg/L	1	07/14/2023 20:53	R331669
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		15	mg/L	1	07/14/2023 21:57	R331669
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:23	208292
Barium	NELAP	0.0007	0.0025		0.0330	mg/L	1	07/11/2023 17:23	208292
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:23	208292
Boron	NELAP	0.0090	0.020	J	0.016	mg/L	1	07/11/2023 17:23	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:23	208292
Calcium	NELAP	0.0350	0.100		49.6	mg/L	1	07/11/2023 17:23	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:23	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:23	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:23	208292
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 16:53	208291
Barium	NELAP	0.0007	0.0025		0.0365	mg/L	1	07/11/2023 16:53	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 16:53	208291
Boron	NELAP	0.0090	0.0200		< 0.0200	mg/L	1	07/11/2023 16:53	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 16:53	208291
Calcium	NELAP	0.0350	0.100		48.8	mg/L	1	07/11/2023 16:53	208291
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 16:53	208291



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-002
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: MW-153

Collection Date: 07/10/2023 14:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 16:53	208291
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 16:53	208291
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 11:33	208292
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/13/2023 11:33	208292
Lithium	*	0.0015	0.0030		0.0038	mg/L	5	07/17/2023 10:16	208292
Selenium	NELAP	0.0006	0.0010		0.0021	mg/L	5	07/13/2023 11:33	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:33	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	07/13/2023 10:09	208291
Cobalt	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 10:09	208291
Lithium	*	0.0015	0.0030		0.0034	mg/L	5	07/17/2023 9:13	208291
Selenium	NELAP	0.0006	0.0010		0.0024	mg/L	5	07/13/2023 10:09	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:09	208291
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:31	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:29	208293



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-003
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: MW-352

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.32	ft	1	07/10/2023 12:42	R331608
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.2	NTU	1	07/10/2023 12:42	R331608
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		65	mV	1	07/10/2023 12:42	R331608
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2040	µS/cm	1	07/10/2023 12:42	R331608
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.5	°C	1	07/10/2023 12:42	R331608
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		14.2	mg/L	1	07/10/2023 12:42	R331608
SW-846 9040B FIELD									
pH	*	0	1.00		7.30		1	07/10/2023 12:42	R331608
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1330	mg/L	1	07/12/2023 10:52	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	6	10	J	8	mg/L	1	07/14/2023 21:00	R331653
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 22:33	R331653
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		1.46	mg/L	1	07/11/2023 14:33	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.46	mg/L	1	07/11/2023 12:08	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	10	80		561	mg/L	20	07/21/2023 13:21	R333014
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		582	mg/L	20	07/21/2023 14:38	R333014
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:25	208292
Barium	NELAP	0.0007	0.0025		0.0930	mg/L	1	07/11/2023 17:25	208292
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:25	208292
Boron	NELAP	0.0090	0.0200		1.94	mg/L	1	07/11/2023 17:25	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:25	208292
Calcium	NELAP	0.0350	0.100	S	95.8	mg/L	1	07/11/2023 17:25	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:25	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:25	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:25	208292
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 16:55	208291
Barium	NELAP	0.0007	0.0025		0.0898	mg/L	1	07/11/2023 16:55	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 16:55	208291
Boron	NELAP	0.0090	0.0200		2.10	mg/L	1	07/11/2023 16:55	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 16:55	208291
Calcium	NELAP	0.0350	0.100		105	mg/L	1	07/11/2023 16:55	208291



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-003
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: MW-352

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 16:55	208291
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 16:55	208291
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 16:55	208291
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 11:55	208292
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/13/2023 11:55	208292
Lithium	*	0.0015	0.0030		0.0945	mg/L	5	07/17/2023 10:41	208292
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 11:55	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:55	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	07/13/2023 10:14	208291
Cobalt	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 10:14	208291
Lithium	*	0.0015	0.0030		0.102	mg/L	5	07/17/2023 9:18	208291
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 10:14	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:14	208291
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:40	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:38	208293



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-004
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: OW-257

Collection Date: 07/10/2023 11:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.46	ft	1	07/10/2023 11:57	R331608
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		21	NTU	1	07/10/2023 11:57	R331608
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		130	mV	1	07/10/2023 11:57	R331608
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1110	µS/cm	1	07/10/2023 11:57	R331608
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	07/10/2023 11:57	R331608
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		6.60	mg/L	1	07/10/2023 11:57	R331608
SW-846 9040B FIELD									
pH	*	0	1.00		6.75		1	07/10/2023 11:57	R331608
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		710	mg/L	1	07/12/2023 11:21	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	61	100		124	mg/L	10	07/14/2023 21:13	R331653
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		115	mg/L	10	07/14/2023 22:47	R331653
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		0.43	mg/L	1	07/11/2023 14:35	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.44	mg/L	1	07/11/2023 12:10	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	1	4		8	mg/L	1	07/14/2023 21:09	R331669
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		8	mg/L	1	07/14/2023 22:42	R331669
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:37	208292
Barium	NELAP	0.0007	0.0025		0.110	mg/L	1	07/11/2023 17:37	208292
Beryllium	NELAP	0.0002	0.0005	J	0.0002	mg/L	1	07/11/2023 17:37	208292
Boron	NELAP	0.0090	0.0200		0.411	mg/L	1	07/12/2023 12:22	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:37	208292
Calcium	NELAP	0.0350	0.100		123	mg/L	1	07/11/2023 17:37	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:37	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:37	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:37	208292
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 16:56	208291
Barium	NELAP	0.0007	0.0025		0.126	mg/L	1	07/11/2023 16:56	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 16:56	208291
Boron	NELAP	0.0090	0.0200		0.463	mg/L	1	07/11/2023 16:56	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 16:56	208291
Calcium	NELAP	0.0350	0.100	S	136	mg/L	1	07/11/2023 16:56	208291
Chromium	NELAP	0.0028	0.0050	J	0.0041	mg/L	1	07/11/2023 16:56	208291



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-004
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: OW-257

Collection Date: 07/10/2023 11:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 16:56	208291
Molybdenum	NELAP	0.0037	0.010	J	0.0043	mg/L	1	07/11/2023 16:56	208291
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 11:38	208292
Cobalt	NELAP	0.0001	0.0010		0.0029	mg/L	5	07/13/2023 11:38	208292
Lithium	*	0.0015	0.0030		0.0304	mg/L	5	07/17/2023 10:21	208292
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 11:38	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:38	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010	J	0.0009	mg/L	5	07/13/2023 10:31	208291
Cobalt	NELAP	0.0004	0.0010		0.0032	mg/L	5	07/13/2023 10:31	208291
Lithium	*	0.0015	0.0030		0.0333	mg/L	5	07/17/2023 9:33	208291
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 10:31	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:31	208291
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:45	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:42	208293



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-005
Matrix: AQUEOUS

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: Field Blank

Collection Date: 07/10/2023 14:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/12/2023 11:21	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/14/2023 21:16	R331653
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/14/2023 22:50	R331653
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/11/2023 14:37	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/11/2023 12:12	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	1	4		< 4	mg/L	1	07/14/2023 21:17	R331669
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		< 4	mg/L	1	07/14/2023 22:50	R331669
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:39	208292
Barium	NELAP	0.0007	0.0025		< 0.0025	mg/L	1	07/11/2023 17:39	208292
Beryllium	NELAP	0.0002	0.0005		0.0006	mg/L	1	07/11/2023 17:39	208292
Boron	NELAP	0.0090	0.0200		< 0.0200	mg/L	1	07/12/2023 12:21	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:39	208292
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	07/11/2023 17:39	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:39	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:39	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:39	208292
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:01	208291
Barium	NELAP	0.0007	0.0025		< 0.0025	mg/L	1	07/11/2023 17:01	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:01	208291
Boron	NELAP	0.0090	0.0200		< 0.0200	mg/L	1	07/11/2023 17:01	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:01	208291
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	07/11/2023 17:01	208291
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:01	208291
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:01	208291
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:01	208291
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 11:44	208292
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/13/2023 11:44	208292
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	07/17/2023 10:26	208292
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 11:44	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:44	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	07/13/2023 10:20	208291
Cobalt	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 10:20	208291
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	07/17/2023 9:23	208291
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 10:20	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:20	208291



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Lab ID: 23070156-005

Client Sample ID: Field Blank

Matrix: AQUEOUS

Collection Date: 07/10/2023 14:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:53	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00018	mg/L	1	07/11/2023 12:47	208293



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-006
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: Duplicate

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.32	ft	1	07/10/2023 12:42	R331608
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.2	NTU	1	07/10/2023 12:42	R331608
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		65	mV	1	07/10/2023 12:42	R331608
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2040	µS/cm	1	07/10/2023 12:42	R331608
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.5	°C	1	07/10/2023 12:42	R331608
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		14.2	mg/L	1	07/10/2023 12:42	R331608
SW-846 9040B FIELD									
pH	*	0	1.00		7.30		1	07/10/2023 12:42	R331608
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1380	mg/L	1	07/12/2023 11:22	R331525
SW-846 9036 (DISSOLVED)									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 21:37	R331653
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 22:57	R331653
SW-846 9214 (DISSOLVED)									
Fluoride	NELAP	0.04	0.10		1.44	mg/L	1	07/11/2023 14:40	R331398
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.43	mg/L	1	07/11/2023 12:15	R331398
SW-846 9251 (DISSOLVED)									
Chloride	NELAP	10	80		569	mg/L	20	07/21/2023 13:45	R333014
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		575	mg/L	20	07/21/2023 14:46	R333014
SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:40	208292
Barium	NELAP	0.0007	0.0025		0.0953	mg/L	1	07/11/2023 17:40	208292
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:40	208292
Boron	NELAP	0.0090	0.0200		1.86	mg/L	1	07/12/2023 12:24	208292
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:40	208292
Calcium	NELAP	0.0350	0.100		96.4	mg/L	1	07/11/2023 17:40	208292
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:40	208292
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:40	208292
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:40	208292
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	07/11/2023 17:03	208291
Barium	NELAP	0.0007	0.0025		0.0901	mg/L	1	07/11/2023 17:03	208291
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	07/11/2023 17:03	208291
Boron	NELAP	0.0090	0.0200		2.12	mg/L	1	07/11/2023 17:03	208291
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	07/11/2023 17:03	208291
Calcium	NELAP	0.0350	0.100		105	mg/L	1	07/11/2023 17:03	208291
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	07/11/2023 17:03	208291



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample
Lab ID: 23070156-006
Matrix: GROUNDWATER

Work Order: 23070156
Report Date: 24-Jul-23

Client Sample ID: Duplicate

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	07/11/2023 17:03	208291
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	07/11/2023 17:03	208291
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 11:50	208292
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/13/2023 11:50	208292
Lithium	*	0.0015	0.0030		0.101	mg/L	5	07/17/2023 10:31	208292
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 11:50	208292
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 11:50	208292
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	07/13/2023 10:26	208291
Cobalt	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/13/2023 10:26	208291
Lithium	*	0.0015	0.0030		0.118	mg/L	5	07/17/2023 9:28	208291
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/13/2023 10:26	208291
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/13/2023 10:26	208291
SW-846 7470A (DISSOLVED)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:58	208293
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:56	208293



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample

Work Order: 23070156
Report Date: 24-Jul-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23070156-001	MW-151	Groundwater	4	07/10/2023 13:45
23070156-002	MW-153	Groundwater	4	07/10/2023 14:58
23070156-003	MW-352	Groundwater	4	07/10/2023 12:42
23070156-004	OW-257	Groundwater	4	07/10/2023 11:57
23070156-005	Field Blank	Aqueous	4	07/10/2023 14:46
23070156-006	Duplicate	Groundwater	4	07/10/2023 12:42



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23070156-001A	MW-151	07/10/2023 13:45	07/10/2023 16:20		
	Field Elevation Measurements				07/10/2023 13:45
	Standard Methods 2130 B Field				07/10/2023 13:45
	Standard Methods 18th Ed. 2580 B Field				07/10/2023 13:45
	Standard Methods 2510 B Field				07/10/2023 13:45
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 10:51
	Standard Methods 2550 B Field				07/10/2023 13:45
	Standard Methods 4500-O G Field				07/10/2023 13:45
	SW-846 9036 (Total)				07/21/2023 13:53
	SW-846 9040B Field				07/10/2023 13:45
	SW-846 9214 (Total)				07/11/2023 12:05
	SW-846 9251 (Total)				07/14/2023 21:46
23070156-001B	MW-151	07/10/2023 13:45	07/10/2023 16:20		
	SW-846 9036 (Dissolved)				07/21/2023 12:51
	SW-846 9214 (Dissolved)				07/11/2023 14:29
	SW-846 9251 (Dissolved)				07/14/2023 20:18
23070156-001C	MW-151	07/10/2023 13:45	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 14:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 17:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 14:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:09
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:24
23070156-001D	MW-151	07/10/2023 13:45	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:21
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:27
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:12
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:27
23070156-002A	MW-153	07/10/2023 14:58	07/10/2023 16:20		
	Field Elevation Measurements				07/10/2023 14:58
	Standard Methods 2130 B Field				07/10/2023 14:58
	Standard Methods 18th Ed. 2580 B Field				07/10/2023 14:58
	Standard Methods 2510 B Field				07/10/2023 14:58
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 10:52
	Standard Methods 2550 B Field				07/10/2023 14:58
	Standard Methods 4500-O G Field				07/10/2023 14:58
	SW-846 9036 (Total)				07/21/2023 14:03



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	SW-846 9040B Field				07/10/2023 14:58
	SW-846 9214 (Total)				07/11/2023 12:06
	SW-846 9251 (Total)				07/14/2023 21:57
23070156-002B	MW-153	07/10/2023 14:58	07/10/2023 16:20		
	SW-846 9036 (Dissolved)				07/21/2023 13:12
	SW-846 9214 (Dissolved)				07/11/2023 14:31
	SW-846 9251 (Dissolved)				07/14/2023 20:53
23070156-002C	MW-153	07/10/2023 14:58	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 16:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 18:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 15:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:13
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:29
23070156-002D	MW-153	07/10/2023 14:58	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:23
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:16
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:31
23070156-003A	MW-352	07/10/2023 12:42	07/10/2023 16:20		
	Field Elevation Measurements				07/10/2023 12:42
	Standard Methods 2130 B Field				07/10/2023 12:42
	Standard Methods 18th Ed. 2580 B Field				07/10/2023 12:42
	Standard Methods 2510 B Field				07/10/2023 12:42
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 10:52
	Standard Methods 2550 B Field				07/10/2023 12:42
	Standard Methods 4500-O G Field				07/10/2023 12:42
	SW-846 9036 (Total)				07/14/2023 22:33
	SW-846 9040B Field				07/10/2023 12:42
	SW-846 9214 (Total)				07/11/2023 12:08
	SW-846 9251 (Total)				07/21/2023 14:38
23070156-003B	MW-352	07/10/2023 12:42	07/10/2023 16:20		
	SW-846 9036 (Dissolved)				07/14/2023 21:00
	SW-846 9214 (Dissolved)				07/11/2023 14:33
	SW-846 9251 (Dissolved)				07/21/2023 13:21
23070156-003C	MW-352	07/10/2023 12:42	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 16:55



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:14
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 18:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 15:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:18
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:38
23070156-003D	MW-352	07/10/2023 12:42	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:25
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:55
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:41
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:40
23070156-004A	OW-257	07/10/2023 11:57	07/10/2023 16:20		
	Field Elevation Measurements				07/10/2023 11:57
	Standard Methods 2130 B Field				07/10/2023 11:57
	Standard Methods 18th Ed. 2580 B Field				07/10/2023 11:57
	Standard Methods 2510 B Field				07/10/2023 11:57
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 11:21
	Standard Methods 2550 B Field				07/10/2023 11:57
	Standard Methods 4500-O G Field				07/10/2023 11:57
	SW-846 9036 (Total)				07/14/2023 22:47
	SW-846 9040B Field				07/10/2023 11:57
	SW-846 9214 (Total)				07/11/2023 12:10
	SW-846 9251 (Total)				07/14/2023 22:42
23070156-004B	OW-257	07/10/2023 11:57	07/10/2023 16:20		
	SW-846 9036 (Dissolved)				07/14/2023 21:13
	SW-846 9214 (Dissolved)				07/11/2023 14:35
	SW-846 9251 (Dissolved)				07/14/2023 21:09
23070156-004C	OW-257	07/10/2023 11:57	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 16:56
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 18:24
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 15:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:33
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:42
23070156-004D	OW-257	07/10/2023 11:57	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:37
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/12/2023 12:22
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:38



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:21
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:45
23070156-005A	Field Blank	07/10/2023 14:46	07/10/2023 16:20		
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 11:21
	SW-846 9036 (Total)				07/14/2023 22:50
	SW-846 9214 (Total)				07/11/2023 12:12
	SW-846 9251 (Total)				07/14/2023 22:50
23070156-005B	Field Blank	07/10/2023 14:46	07/10/2023 16:20		
	SW-846 9036 (Dissolved)				07/14/2023 21:16
	SW-846 9214 (Dissolved)				07/11/2023 14:37
	SW-846 9251 (Dissolved)				07/14/2023 21:17
23070156-005C	Field Blank	07/10/2023 14:46	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 17:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:20
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 18:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 15:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:23
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:47
23070156-005D	Field Blank	07/10/2023 14:46	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:39
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/12/2023 12:21
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:44
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:26
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:53
23070156-006A	Duplicate	07/10/2023 12:42	07/10/2023 16:20		
	Field Elevation Measurements				07/10/2023 12:42
	Standard Methods 2130 B Field				07/10/2023 12:42
	Standard Methods 18th Ed. 2580 B Field				07/10/2023 12:42
	Standard Methods 2510 B Field				07/10/2023 12:42
	Standard Methods 2540 C (Total) 1997, 2011				07/12/2023 11:22
	Standard Methods 2550 B Field				07/10/2023 12:42
	Standard Methods 4500-O G Field				07/10/2023 12:42
	SW-846 9036 (Total)				07/14/2023 22:57
	SW-846 9040B Field				07/10/2023 12:42
	SW-846 9214 (Total)				07/11/2023 12:15
	SW-846 9251 (Total)				07/21/2023 14:46
23070156-006B	Duplicate	07/10/2023 12:42	07/10/2023 16:20		



Dates Report

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Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 9036 (Dissolved)				07/14/2023 21:37
	SW-846 9214 (Dissolved)				07/11/2023 14:40
	SW-846 9251 (Dissolved)				07/21/2023 13:45
23070156-006C	Duplicate	07/10/2023 12:42	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			07/10/2023 17:02	07/11/2023 17:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 10:26
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/13/2023 18:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/14/2023 15:24
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			07/10/2023 17:02	07/17/2023 9:28
	SW-846 7470A (Total)			07/11/2023 8:20	07/11/2023 12:56
23070156-006D	Duplicate	07/10/2023 12:42	07/10/2023 16:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/11/2023 17:40
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			07/10/2023 17:44	07/12/2023 12:24
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/13/2023 11:50
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			07/10/2023 17:44	07/17/2023 10:31
	SW-846 7470A (Dissolved)			07/11/2023 8:20	07/11/2023 12:58



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Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

STANDARD METHODS 2510 B FIELD

Batch R331608		SampType: LCS		Units µS/cm							
SampID: LCS-R331608											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.4	90	110	07/10/2023	

SW-846 9040B FIELD

Batch R331608		SampType: LCS		Units							
SampID: LCS-R331608											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	07/10/2023	

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R331525		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/12/2023	

Batch R331525		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		934	1000	0	93.4	90	110	07/12/2023	

Batch R331525		SampType: DUP		Units mg/L						RPD Limit: 10	
SampID: 23070156-006ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		1400				1380	1.30	07/12/2023	

SW-846 9036 (DISSOLVED)

Batch R331653		SampType: MBLK		Units mg/L							
SampID: MB-R331653											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/14/2023	

Batch R331653		SampType: LCS		Units mg/L							
SampID: LCS-R331653											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		20	20.00	0	98.0	90	110	07/14/2023	



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Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 9036 (DISSOLVED)

Batch R333007		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20	E	127	40.00	86.00	102.4	85	115	07/21/2023	

Batch R333007		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23070156-001BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		20	E	129	40.00	86.00	106.9	127.0	1.40	07/21/2023		

SW-846 9036 (TOTAL)

Batch R331653		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/14/2023	

Batch R331653		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		20	20.00	0	98.0	90	110	07/14/2023	

Batch R332875		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/19/2023	

Batch R332875		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		18	20.00	0	91.6	90	110	07/19/2023	

Batch R333007		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/21/2023	



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Client: Ramboll

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Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 9036 (TOTAL)

Batch R333007		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		20	20.00	0	99.1	90	110	07/21/2023	

Batch R333007		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20		100	40.00	61.72	95.1	85	115	07/21/2023	

Batch R333007		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23070156-002AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		20	E	103	40.00	61.72	103.2	99.74	3.24	07/21/2023		

SW-846 9214 (DISSOLVED)

Batch R331398		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-006BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		3.44	2.000	1.441	100.2	75	125	07/11/2023	

Batch R331398		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23070156-006BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		3.36	2.000	1.441	95.8	3.444	2.56	07/11/2023		

SW-846 9214 (TOTAL)

Batch R331398		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	07/11/2023	

Batch R331398		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		0.92	1.000	0	92.0	90	110	07/11/2023	



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Work Order: 23070156

Client Project: BAL-23Q2 Resample

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SW-846 9214 (TOTAL)

Batch R331398		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		3.60	2.000	1.433	108.5	75	125	07/11/2023	

Batch R331398		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23070156-006AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		3.48	2.000	1.433	102.4	3.602	3.42	07/11/2023		

SW-846 9251 (DISSOLVED)

Batch R331669		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4	E	56	20.00	38.70	88.8	85	115	07/14/2023	

Batch R331669		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23070156-001BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		4	E	56	20.00	38.70	87.1	56.45	0.59	07/14/2023		

SW-846 9251 (TOTAL)

Batch R331669		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/14/2023	

Batch R331669		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	98.8	90	110	07/14/2023	

Batch R331669		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		34	20.00	15.34	92.6	85	115	07/14/2023	



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Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 9251 (TOTAL)

Batch R331669		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23070156-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		34	20.00	15.34	92.6	33.86	0.00	07/14/2023	

Batch R332883		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/19/2023	

Batch R332883		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	98.7	90	110	07/19/2023	

Batch R333014		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/21/2023	

Batch R333014		SampType: MBLK		Units mg/L							
SampID: MBLK-230711											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/21/2023	

Batch R333014		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.8	90	110	07/21/2023	



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Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch 208292 SampType: MBLK Units mg/L
SampID: MBLK-208292

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	07/11/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	07/11/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	07/11/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	07/11/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/11/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/11/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/11/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	07/11/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/11/2023

Batch 208292 SampType: LCS Units mg/L
SampID: LCS-208292

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		0.503	0.5000	0	100.6	85	115	07/11/2023
Barium		0.0025		1.90	2.000	0	95.1	85	115	07/11/2023
Beryllium		0.0005		0.0468	0.0500	0	93.6	85	115	07/11/2023
Boron		0.0200		0.474	0.5000	0	94.7	85	115	07/11/2023
Cadmium		0.0020		0.0469	0.0500	0	93.8	85	115	07/11/2023
Calcium		0.100		2.44	2.500	0	97.4	85	115	07/11/2023
Chromium		0.0050		0.185	0.2000	0	92.7	85	115	07/11/2023
Lead		0.0150		0.471	0.5000	0	94.3	85	115	07/11/2023
Molybdenum		0.0100		0.462	0.5000	0	92.4	85	115	07/11/2023

Batch 208292 SampType: MS Units mg/L
SampID: 23070156-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		0.510	0.5000	0	102.0	75	125	07/11/2023
Barium		0.0025		1.93	2.000	0.09300	91.8	75	125	07/11/2023
Beryllium		0.0005		0.0473	0.0500	0	94.6	75	125	07/11/2023
Boron		0.0200		2.43	0.5000	1.938	98.0	75	125	07/11/2023
Cadmium		0.0020		0.0452	0.0500	0	90.4	75	125	07/11/2023
Calcium		0.100	S	97.6	2.500	95.82	71.2	75	125	07/11/2023
Chromium		0.0050		0.187	0.2000	0	93.6	75	125	07/11/2023
Lead		0.0150		0.467	0.5000	0	93.4	75	125	07/11/2023
Molybdenum		0.0100		0.479	0.5000	0	95.8	75	125	07/11/2023



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Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

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SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)

Batch	208292	SampType:	MSD	Units	mg/L	RPD Limit: 20					Date
SampID: 23070156-003DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic		0.0250		0.525	0.5000	0	105.1	0.5101	2.94	07/11/2023	
Barium		0.0025		1.98	2.000	0.09300	94.4	1.930	2.56	07/11/2023	
Beryllium		0.0005		0.0484	0.0500	0	96.8	0.04730	2.30	07/11/2023	
Boron		0.0200		2.51	0.5000	1.938	113.9	2.427	3.23	07/11/2023	
Cadmium		0.0020		0.0472	0.0500	0	94.4	0.04520	4.33	07/11/2023	
Calcium		0.100	S	102	2.500	95.82	234.0	97.60	4.08	07/11/2023	
Chromium		0.0050		0.193	0.2000	0	96.7	0.1871	3.26	07/11/2023	
Lead		0.0150		0.485	0.5000	0	96.9	0.4668	3.76	07/11/2023	
Molybdenum		0.0100		0.490	0.5000	0	97.9	0.4791	2.15	07/11/2023	

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	208291	SampType:	MBLK	Units	mg/L	RPD Limit: 20				Date
SampID: MBLK-208291										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	07/11/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	07/11/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	07/11/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	07/11/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	07/11/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	07/11/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	07/11/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/11/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/11/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/11/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/11/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/11/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/11/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	07/11/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	07/11/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	07/11/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/11/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/11/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	07/11/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	07/11/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch 208291		SampType: LCS		Units mg/L							
SampID: LCS-208291											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic		0.0250	S	0.642	0.5000	0	128.5	85	115	07/11/2023	
Arsenic		0.0250		0.533	0.5000	0	106.5	85	115	07/11/2023	
Barium		0.0025		2.08	2.000	0	104.0	85	115	07/11/2023	
Barium		0.0025		1.97	2.000	0	98.3	85	115	07/11/2023	
Beryllium		0.0005		0.0569	0.0500	0	113.8	85	115	07/11/2023	
Beryllium		0.0005		0.0495	0.0500	0	99.0	85	115	07/11/2023	
Boron		0.0200		0.498	0.5000	0	99.5	85	115	07/11/2023	
Cadmium		0.0020		0.0515	0.0500	0	103.0	85	115	07/11/2023	
Cadmium		0.0020	S	0.0576	0.0500	0	115.2	85	115	07/11/2023	
Calcium		0.100		2.52	2.500	0	100.9	85	115	07/11/2023	
Calcium		0.100		2.66	2.500	0	106.5	85	115	07/11/2023	
Chromium		0.0050		0.196	0.2000	0	98.1	85	115	07/11/2023	
Chromium		0.0050		0.212	0.2000	0	105.8	85	115	07/11/2023	
Cobalt		0.0050		0.549	0.5000	0	109.7	85	115	07/11/2023	
Lead		0.0150		0.556	0.5000	0	111.2	85	115	07/11/2023	
Lead		0.0150		0.495	0.5000	0	98.9	85	115	07/11/2023	
Molybdenum		0.0100		0.483	0.5000	0	96.6	85	115	07/11/2023	
Molybdenum		0.0100		0.519	0.5000	0	103.9	85	115	07/11/2023	
Selenium		0.0400	S	0.620	0.5000	0	123.9	85	115	07/11/2023	
Thallium		0.0500		0.275	0.2500	0	110.0	85	115	07/11/2023	

Batch 208291		SampType: MS		Units mg/L							
SampID: 23070156-004CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic		0.0250		0.546	0.5000	0	109.3	75	125	07/11/2023	
Barium		0.0025		2.10	2.000	0.1258	98.7	75	125	07/11/2023	
Beryllium		0.0005		0.0510	0.0500	0	102.0	75	125	07/11/2023	
Boron		0.0200		0.950	0.5000	0.4633	97.3	75	125	07/11/2023	
Cadmium		0.0020		0.0493	0.0500	0	98.6	75	125	07/11/2023	
Calcium		0.100	S	130	2.500	135.8	-213.2	75	125	07/11/2023	
Chromium		0.0050		0.204	0.2000	0.004100	99.8	75	125	07/11/2023	
Lead		0.0150		0.497	0.5000	0	99.5	75	125	07/11/2023	
Molybdenum		0.0100		0.506	0.5000	0.004300	100.3	75	125	07/11/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)

Batch	208291	SampType:	MSD	Units mg/L							RPD Limit: 20	
SampID: 23070156-004CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Arsenic		0.0250		0.557	0.5000	0	111.3	0.5465	1.83	07/11/2023		
Barium		0.0025		2.12	2.000	0.1258	99.7	2.100	0.95	07/11/2023		
Beryllium		0.0005		0.0513	0.0500	0	102.6	0.05100	0.59	07/11/2023		
Boron		0.0200		0.960	0.5000	0.4633	99.3	0.9498	1.07	07/11/2023		
Cadmium		0.0020		0.0496	0.0500	0	99.2	0.04930	0.61	07/11/2023		
Calcium		0.100	S	134	2.500	135.8	-53.6	130.5	3.01	07/11/2023		
Chromium		0.0050		0.205	0.2000	0.004100	100.6	0.2038	0.68	07/11/2023		
Lead		0.0150		0.503	0.5000	0	100.5	0.4973	1.04	07/11/2023		
Molybdenum		0.0100		0.509	0.5000	0.004300	100.9	0.5056	0.65	07/11/2023		

SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)

Batch	208292	SampType:	MBLK	Units mg/L							
SampID: MBLK-208292											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/12/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/12/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/14/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/12/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/12/2023	

Batch 208292 SampType: LCS Units mg/L

SampID: LCS-208292										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.452	0.5000	0	90.5	80	120	07/13/2023
Cobalt		0.0010		0.447	0.5000	0	89.4	80	120	07/13/2023
Cobalt		0.0010		0.509	0.5000	0	101.9	80	120	07/12/2023
Lithium	*	0.0030		0.457	0.5000	0	91.4	80	120	07/17/2023
Selenium		0.0010		0.477	0.5000	0	95.4	80	120	07/12/2023
Selenium		0.0010		0.447	0.5000	0	89.4	80	120	07/13/2023
Thallium		0.0020		0.228	0.2500	0	91.0	80	120	07/13/2023
Thallium		0.0020		0.227	0.2500	0	90.9	80	120	07/12/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)

Batch 208292		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-003DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.467	0.5000	0	93.3	75	125	07/13/2023	
Cobalt		0.0010		0.431	0.5000	0	86.1	75	125	07/13/2023	
Lithium	*	0.0030		0.563	0.5000	0.09447	93.7	75	125	07/17/2023	
Selenium		0.0010		0.459	0.5000	0	91.7	75	125	07/13/2023	
Thallium		0.0020		0.230	0.2500	0	91.9	75	125	07/13/2023	

Batch 208292		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23070156-003DMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010		0.463	0.5000	0	92.7	0.4665	0.67	07/13/2023		
Cobalt		0.0010		0.434	0.5000	0	86.9	0.4307	0.87	07/13/2023		
Lithium	*	0.0030		0.580	0.5000	0.09447	97.0	0.5631	2.88	07/17/2023		
Selenium		0.0010		0.460	0.5000	0	92.0	0.4586	0.32	07/13/2023		
Thallium		0.0020		0.222	0.2500	0	88.8	0.2298	3.46	07/13/2023		

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 208291		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-208291											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/13/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/13/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/14/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/13/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/13/2023	

Batch 208291		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-208291											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.544	0.5000	0	108.9	80	120	07/13/2023	
Cobalt		0.0010		0.531	0.5000	0	106.3	80	120	07/13/2023	
Lithium	*	0.0030		0.521	0.5000	0	104.2	80	120	07/17/2023	
Selenium		0.0010		0.527	0.5000	0	105.3	80	120	07/13/2023	
Thallium		0.0020		0.267	0.2500	0	107.0	80	120	07/13/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)

Batch 208291		SampType: MS		Units mg/L						
SampID: 23070156-004CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.528	0.5000	0.0009132	105.3	75	125	07/13/2023
Cobalt		0.0010		0.495	0.5000	0.003212	98.4	75	125	07/13/2023
Lithium	*	0.0030		0.530	0.5000	0.03332	99.4	75	125	07/17/2023
Selenium		0.0010		0.504	0.5000	0	100.7	75	125	07/13/2023
Thallium		0.0020		0.261	0.2500	0	104.3	75	125	07/13/2023

Batch 208291		SampType: MSD		Units mg/L							RPD Limit: 20
SampID: 23070156-004CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		0.510	0.5000	0.0009132	101.9	0.5276	3.34	07/13/2023	
Cobalt		0.0010		0.483	0.5000	0.003212	95.9	0.4954	2.55	07/13/2023	
Lithium	*	0.0030		0.538	0.5000	0.03332	100.9	0.5303	1.40	07/17/2023	
Selenium		0.0010		0.494	0.5000	0	98.7	0.5036	2.01	07/13/2023	
Thallium		0.0020		0.255	0.2500	0	101.9	0.2606	2.24	07/13/2023	

SW-846 7470A (TOTAL)

Batch 208293		SampType: MBLK		Units mg/L						
SampID: MBLK-208293										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/11/2023

Batch 208293		SampType: LCS		Units mg/L						
SampID: LCS-208293										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00468	0.0050	0	93.6	85	115	07/11/2023

Batch 208293		SampType: MS		Units mg/L						
SampID: 23070156-005CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00486	0.0050	0.0001790	93.6	75	125	07/11/2023

Batch 208293		SampType: MSD		Units mg/L							RPD Limit: 15
SampID: 23070156-005CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00482	0.0050	0.0001790	92.8	0.004858	0.77	07/11/2023	



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Carrier: Allison Colin

Received By: JPC

Completed by:

Reviewed by:

On:

10-Jul-23

Timothy W. Mathis

On:

11-Jul-23

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

- | | | | | |
|---|---|---|--------------------------------------|----------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | Temp °C 8.6 |
| Type of thermal preservation? | None <input type="checkbox"/> | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/> | Dry Ice <input type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Reported field parameters measured: | Field <input checked="" type="checkbox"/> | Lab <input type="checkbox"/> | NA <input type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

- | | | | |
|---|---|-----------------------------|---|
| Water – at least one vial per sample has zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/> |
| Water - TOX containers have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Any No responses must be detailed below or on the COC.

pH strip #90719. - CET/lmaddox - 7/11/2023 12:07:56 PM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:			
				Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL-845-601	BAL-845-605									
1	MW-151			7-10-23	1345		4	2	2																	23070156-001	
2	MW-153				1458																					002	
3	MW-352				1242																					003	
4	OW-257				1157																					004	
5	Field Blank				1446																					005	
6	Duplicate			6	1242																					006	
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2 Resample Rev 0	J. Colp	7-10-23	1620	[Signature]	7/10/23	1620	4 N

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	7-10-23

Ph 907A, C05 7-10-23.
Colp 7-10-23

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

Site Sampling Event	BAL-Q2-2023R	Summary of Well Information																
LIMS Workorder	23070156																	
Technician	JC,BG	hmm		hhmm														
WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	Transducer SN
001A	MW-151	07/10/2023	1345	1345		5.78			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	Slight		
002A	MW-153	07/10/2023	1458	1458		16.5			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None		
003A	MW-352	07/10/2023	1242	1242		5.32			Good	Bladder Pump	Low Flow	No	Clear	Slight	None	None		
004A	OW-257	07/10/2023	1157	1157		7.46			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	None	Slight		
005A	Field Blank	07/10/2023	1446	1446														
006A	Dup	07/10/2023	1242	1242		5.32			Good	Bladder Pump	Low Flow	No	Clear	Slight	None	None		

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

Site Sampling Event	BAL-Q2-2023R		Summary of Stabilized Field Parameters														
LIMS Workorder	23070156																
Technician	JC,BG																
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
MW-151	7/10/2023	13:45	1345	15.2	59.36	6.98	922	922	19.3	15.05	124.6			5.78			23070156-001A
MW-153	7/10/2023	14:58	1458	15.6	60.08	6.84	570	570	19.9	8.37	149.9			16.5			23070156-002A
MW-352	7/10/2023	12:42	1242	19.5	67.1	7.3	2036	2036	14.2	3.23	64.7			5.32			23070156-003A
OW-257	7/10/2023	11:57	1157	15.9	60.62	6.75	1110	1110	6.6	21.11	129.5			7.46			23070156-004A
Field Blank	7/10/2023	14:46	1446														23070156-005A
Duplicate	7/10/2023	12:42	1242	19.5	67.1	7.3	2036	2036	14.2	3.23	64.7			5.32			23070156-006A

Site Sampling Event	BAL-Q2-2023R													
LIMS Workorder	23070156-001A													
Technician	JC,BG													
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-151	7/10/2023	13:33	1333	5.78		15.1	59.18	6.87	914	914	14.4	16.2	122.1	
MW-151	7/10/2023	13:36	1336	5.78		15.2	59.36	6.87	911	911	15.2	12.92	122.7	
MW-151	7/10/2023	13:39	1339	5.78		15.2	59.36	6.88	913	913	17.8	13.45	123.3	
MW-151	7/10/2023	13:42	1342	5.78		15.2	59.36	6.88	917	917	19.5	11.97	124	
MW-151	7/10/2023	13:45	1345	5.78		15.2	59.36	6.98	922	922	19.3	15.05	124.6	

Site Sampling Event	Groundwater Sampling Field Form - Quality Parameters													
LIMS Workorder	23070156-002A													
Technician	JC,BG													
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-153	7/10/2023	14:52	1452	16.5		15.4	59.72	6.87	569	569	18.6	10.82	149.7	
MW-153	7/10/2023	14:55	1455	16.5		15.7	60.26	6.85	568	568	19.1	8.76	149.9	
MW-153	7/10/2023	14:58	1458	16.5		15.6	60.08	6.84	570	570	19.9	8.37	149.9	

Site Sampling Event	Groundwater Sampling Field Form - Quality Parameters													
LIMS Workorder	23070156-003A													
Technician	JC,BG													
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-352	7/10/2023	12:36	1236	5.32		19.4	66.92	7.24	2046	2046	26.2	3.75	158.6	
MW-352	7/10/2023	12:39	1239	5.32		19.5	67.1	7.27	2034	2034	17.2	3.32	108.6	
MW-352	7/10/2023	12:42	1242	5.32		19.5	67.1	7.3	2036	2036	14.2	3.23	64.7	

Site Sampling Event	Groundwater Sampling Field Form - Quality Parameters													
LIMS Workorder	23070156-004A													
Technician	JC,BG													
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
OW-257	7/10/2023	11:45	1145	7.46		16.2	61.16	6.79	1105	1105	36.8	8.67	138.9	
OW-257	7/10/2023	11:48	1148	7.46		15.5	59.9	6.76	1103	1103	11.2	18.51	136.8	
OW-257	7/10/2023	11:51	1151	7.46		15.6	60.08	6.76	1102	1102	6.3	21.1	138.9	
OW-257	7/10/2023	11:54	1154	7.46		15.8	60.44	6.76	1106	1106	6.5	20.5	131.6	
OW-257	7/10/2023	11:57	1157	7.46		15.9	60.62	6.75	1110	1110	6.6	21.11	129.5	

Site Sampling Event	BAL-Q2-2023R		Groundwater Sampling Field Form - Quality Parameters												
LIMS Workorder	23070156-005A														
Technician	JC,BG														
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	
Field Blank	7/10/2023	1446	1446												

Site Sampling Event	BAL-Q2-2023R		Groundwater Sampling Field Form - Quality Parameters												
LIMS Workorder	23070156-006A														
Technician	JC,BG														
Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	
Duplicate	7/10/2023	12:36	1236	5.32		19.4	66.92	7.24	2046	2046	26.2	3.75	158.6		
Duplicate	7/10/2023	12:39	1239	5.32		19.5	67.1	7.27	2034	2034	17.2	3.32	108.6		
Duplicate	7/10/2023	12:42	1242	5.32		19.5	67.1	7.3	2036	2036	14.2	3.23	64.7		

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:				
				Reading 1	Reading 2	LCS/D	Range Factor	Reading 1	Reading 2	COLOR BLANK	Read1/units	COLORBLANK	Read2/units	
	7-10-23	1132	21.2		7.03			1418						
	7-10-23	1514	19.8		7.05			1422						

**** Field Meter ID for Temp, pH & Conductivity : pine rental

**** Field Meter ID for (DR900) : AIS
Lot # PIPETTE

Field Temp SOP 1156
pH in the Field SOP 1152
Field Cond. SOP 1155
Other: _____

SW846 Std Methods
2550 B
9040B 4500-H B
9050A 2510 B

pH 4.0 Buffer _____
pH 7.0 Buffer _____
pH 10.0 Buffer _____
pH LCS/LCSD _____

Conductivity Std. _____
Conductivity Std. _____
Conductivity Std. _____
Conductivity LCS/LCSD _____

Std. _____
Std. _____
Std. _____
LCS/LCSD _____

pH Calibration
Date 7-10-23
Time: 1121

Reading	4.00	7.00	9.98
	<u>4.01</u>	<u>7.01</u>	<u>9.98</u>

Conductivity Calibration

Reading	units	0-199.9	0-1999	0-19.99
	<u>1413</u>	<u>μS</u>	<u>μS</u>	<u>mS</u>

Calibration Reading

Std	Units	_____
	<u>_____</u>	<u>_____</u>

Field Analyst Sig & Date: [Signature] on 7-10-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Field Analyst Sig & Date: [Signature] on 7-10-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Comments:

August 09, 2023

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-23Q2 Resample

WorkOrder: 23070157

Dear Eric Bauer:

TEKLAB, INC received 6 samples on 7/10/2023 4:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	13
Dates Report	14
Receiving Check List	15
Chain of Custody	Appended

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Qualifiers

- # - Unknown hydrocarbon
- C - RL shown is a Client Requested Quantitation Limit
- H - Holding times exceeded
- J - Analyte detected below quantitation limits
- ND - Not Detected at the Reporting Limit
- S - Spike Recovery outside recovery limits
- X - Value exceeds Maximum Contaminant Level
- B - Analyte detected in associated Method Blank
- E - Value above quantitation range
- I - Associated internal standard was outside method criteria
- M - Manual Integration used to determine area response
- R - RPD outside accepted recovery limits
- T - TIC(Tentatively identified compound)



Case Narrative

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Cooler Receipt Temp: 8.6 °C

An employee of Teklab, Inc. collected the sample(s).

Analysis was performed by Eurofins St. Louis. See attached report for results and QC.

This report was revised on August 9, 2023 per Eric Bauer's request. The reason for the revision is to include the sample relinquished time on the chain of custody. Please replace report dated August 8, 2023 with this report. EAH 8/9/23

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-001

Client Sample ID: MW-151

Matrix: GROUNDWATER

Collection Date: 07/10/2023 13:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:42	R334663



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-002

Client Sample ID: MW-153

Matrix: GROUNDWATER

Collection Date: 07/10/2023 14:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:42	R334663



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-003

Client Sample ID: MW-352

Matrix: GROUNDWATER

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-004

Client Sample ID: OW-257

Matrix: GROUNDWATER

Collection Date: 07/10/2023 11:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-005

Client Sample ID: Field Blank

Matrix: AQUEOUS

Collection Date: 07/10/2023 14:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 BAL-845-605

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Lab ID: 23070157-006

Client Sample ID: Duplicate

Matrix: GROUNDWATER

Collection Date: 07/10/2023 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



Sample Summary

<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-23Q2 Resample

Work Order: 23070157
Report Date: 09-Aug-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23070157-001	MW-151	Groundwater	1	07/10/2023 13:45
23070157-002	MW-153	Groundwater	1	07/10/2023 14:58
23070157-003	MW-352	Groundwater	1	07/10/2023 12:42
23070157-004	OW-257	Groundwater	1	07/10/2023 11:57
23070157-005	Field Blank	Aqueous	1	07/10/2023 14:46
23070157-006	Duplicate	Groundwater	1	07/10/2023 12:42



Dates Report

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23070157-001A	MW-151	07/10/2023 13:45	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:42			
23070157-002A	MW-153	07/10/2023 14:58	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:42			
23070157-003A	MW-352	07/10/2023 12:42	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:44			
23070157-004A	OW-257	07/10/2023 11:57	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:44			
23070157-005A	Field Blank	07/10/2023 14:46	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:44			
23070157-006A	Duplicate	07/10/2023 12:42	07/10/2023 16:20		
See Attached for Subcontracting Analysis		07/28/2023 12:44			



Receiving Check List

<http://www.teklabinc.com/>

Client: Ramboll

Work Order: 23070157

Client Project: BAL-23Q2 Resample

Report Date: 09-Aug-23

Carrier: Justin Colp

Received By: TWM

Completed by:

Reviewed by:

On:

On:

11-Jul-23

11-Jul-23

Lindsey Maddox

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

- Shipping container/cooler in good condition? Yes No Not Present Temp °C **8.6**
- Type of thermal preservation? None Ice Blue Ice Dry Ice
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Reported field parameters measured: Field Lab NA
- Container/Temp Blank temperature in compliance? Yes No

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

- Water – at least one vial per sample has zero headspace? Yes No No VOA vials
- Water - TOX containers have zero headspace? Yes No No TOX containers
- Water - pH acceptable upon receipt? Yes No NA
- NPDES/CWA TCN interferences checked/treated in the field? Yes No NA

Any No responses must be detailed below or on the COC.

pH strip #90719. - PRY/lmaddox - 7/11/2023 12:52:32 PM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey				
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A				
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:				
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test BAL-845-601 BAL-845-605	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.								
		MATRIX	CODE			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																							
		DRINKING WATER	DW																																					
1	MW-151					7-10-23	1345	2	2																														23070157-001	
2	MW-153					↓	1458	↓	↓																														002	
3	MW-352					↓	1242	↓	↓																														003	
4	OW-257					↓	1157	↓	↓																														004	
5	Field Blank					↓	1446	↓	↓																														005	
6	Duplicate					↓	1242	↓	↓																														006	
7																																								
8																																								
9																																								
10																																								
11																																								
12																																								
13																																								
14																																								
15																																								
16																																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q2 Resample Rev 0 <i>Ra226/228, only.</i>	J. Gelp	7-10-23	1620	<i>[Signature]</i>	7-10-23	1620	46	Y	N
							5		

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Gelp		
SIGNATURE of SAMPLER:	<i>[Signature]</i>		
DATE Signed (MM/DD/YY):	7-10-23		

PH / 90719, PR4 7/10/23

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc

5445 Horseshoe Lake Road
Collinsville, Illinois 62234

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JOB DESCRIPTION

Radium-226 and Radium-228

JOB NUMBER

160-50643-1

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Authorized for release by
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Revision 1



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Case Narrative

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Job ID: 160-50643-1

Laboratory: Eurofins St. Louis

Narrative

Job Narrative 160-50643-1

Revision 1 - Client requested revised chain to include relinquished time of 1230 for field crew.

Receipt

The samples were received on 7/11/2023 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved. The temperature of the cooler at receipt was 22.1° C.

Receipt Exceptions

The COC is missing the sampler name.

The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of 5: 23070157-004 (160-50643-4). The sample was preserved to the appropriate pH in the laboratory.

RAD

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

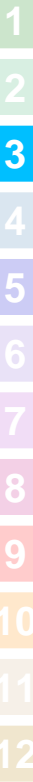
Radium-228 Prep Batch 620040

The following samples were prepared at a reduced aliquot due to Matrix: 23070157-001 (160-50643-1), 23070157-002 (160-50643-2) and 23070157-004 (160-50643-4). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

Radium-226 Prep Batch 620038

The following samples were prepared at a reduced aliquot due to Matrix: 23070157-001 (160-50643-1), 23070157-002 (160-50643-2) and 23070157-004 (160-50643-4). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead of a sample duplicate (DUP) to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-50643-1

Login Number: 50643

List Source: Eurofins St. Louis

List Number: 1

Creator: Awalt, Jayna K

Question	Answer	Comment
Radioactivity wasn't checked or is < /= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	Preserved upon arrival
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is < 6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228 Pos	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

- EPA = US Environmental Protection Agency
- None = None
- TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

- EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Lab ID: 160-50643-1

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-50643-1	23070157-001	Water	07/10/23 13:45	07/11/23 13:35
160-50643-2	23070157-002	Water	07/10/23 14:58	07/11/23 13:35
160-50643-3	23070157-003	Water	07/10/23 12:42	07/11/23 13:35
160-50643-4	23070157-004	Water	07/10/23 11:57	07/11/23 13:35
160-50643-5	23070157-005	Water	07/10/23 14:46	07/11/23 13:35
160-50643-6	23070157-006	Water	07/10/23 12:42	07/11/23 13:35

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Client Sample Results

ATTACHMENT B.
 945 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 Lab ID: 160-50643-1

Client: TekLab, Inc
 Project/Site: Radium-226 and Radium-228

Client Sample ID: 23070157-001
 Date Collected: 07/10/23 13:45
 Date Received: 07/11/23 13:35

Lab Sample ID: 160-50643-1
 Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00334	U	0.0617	0.0617	1.00	0.133	pCi/L	07/13/23 09:29	08/04/23 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					07/13/23 09:29	08/04/23 09:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.231	U	0.447	0.448	1.00	0.777	pCi/L	07/13/23 09:38	07/28/23 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					07/13/23 09:38	07/28/23 12:42	1
Y Carrier	80.0		30 - 110					07/13/23 09:38	07/28/23 12:42	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.235	U	0.451	0.452	5.00	0.777	pCi/L		08/07/23 14:52	1

Client Sample ID: 23070157-002
 Date Collected: 07/10/23 14:58
 Date Received: 07/11/23 13:35

Lab Sample ID: 160-50643-2
 Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.105	0.105	1.00	0.161	pCi/L	07/13/23 09:29	08/04/23 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/13/23 09:29	08/04/23 09:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.620	U	0.429	0.432	1.00	0.629	pCi/L	07/13/23 09:38	07/28/23 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/13/23 09:38	07/28/23 12:42	1
Y Carrier	82.2		30 - 110					07/13/23 09:38	07/28/23 12:42	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.732		0.442	0.445	5.00	0.629	pCi/L		08/07/23 14:52	1

Eurofins St. Louis

Client Sample Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 Lab ID: 160-50643-1

Client: TekLab, Inc
 Project/Site: Radium-226 and Radium-228

Client Sample ID: 23070157-003

Lab Sample ID: 160-50643-3

Date Collected: 07/10/23 12:42

Matrix: Water

Date Received: 07/11/23 13:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.483		0.138	0.145	1.00	0.115	pCi/L	07/13/23 09:29	08/04/23 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/13/23 09:29	08/04/23 09:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.577		0.373	0.376	1.00	0.545	pCi/L	07/13/23 09:38	07/28/23 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/13/23 09:38	07/28/23 12:44	1
Y Carrier	80.4		30 - 110					07/13/23 09:38	07/28/23 12:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.06		0.398	0.403	5.00	0.545	pCi/L		08/07/23 14:52	1

Client Sample ID: 23070157-004

Lab Sample ID: 160-50643-4

Date Collected: 07/10/23 11:57

Matrix: Water

Date Received: 07/11/23 13:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.345		0.150	0.154	1.00	0.157	pCi/L	07/13/23 09:29	08/04/23 09:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					07/13/23 09:29	08/04/23 09:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.985		0.617	0.623	1.00	0.908	pCi/L	07/13/23 09:38	07/28/23 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.4		30 - 110					07/13/23 09:38	07/28/23 12:44	1
Y Carrier	81.1		30 - 110					07/13/23 09:38	07/28/23 12:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.33		0.635	0.642	5.00	0.908	pCi/L		08/07/23 14:52	1

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Client Sample Results

ATTACHMENT B.
 945 QUARTERLY REPORT - QUARTER 2, 2023
 BALDWIN POWER PLANT, FLY ASH POND SYSTEM
 Lab ID: 160-50643-1

Client: TekLab, Inc
 Project/Site: Radium-226 and Radium-228

Client Sample ID: 23070157-005

Lab Sample ID: 160-50643-5

Date Collected: 07/10/23 14:46

Matrix: Water

Date Received: 07/11/23 13:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00392	U	0.0571	0.0571	1.00	0.119	pCi/L	07/13/23 09:29	08/04/23 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.5		30 - 110					07/13/23 09:29	08/04/23 09:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.827		0.418	0.425	1.00	0.594	pCi/L	07/13/23 09:38	07/28/23 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.5		30 - 110					07/13/23 09:38	07/28/23 12:44	1
Y Carrier	84.9		30 - 110					07/13/23 09:38	07/28/23 12:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.827		0.422	0.429	5.00	0.594	pCi/L		08/07/23 14:52	1

Client Sample ID: 23070157-006

Lab Sample ID: 160-50643-6

Date Collected: 07/10/23 12:42

Matrix: Water

Date Received: 07/11/23 13:35

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.250		0.114	0.116	1.00	0.138	pCi/L	07/13/23 09:29	08/04/23 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					07/13/23 09:29	08/04/23 09:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.351	U	0.343	0.345	1.00	0.550	pCi/L	07/13/23 09:38	07/28/23 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					07/13/23 09:38	07/28/23 12:44	1
Y Carrier	82.6		30 - 110					07/13/23 09:38	07/28/23 12:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.601		0.361	0.364	5.00	0.550	pCi/L		08/07/23 14:52	1

Eurofins St. Louis

QC Sample Results

Client: TekLab, Inc
 Project/Site: Radium-226 and Radium-228

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-620038/1-A
 Matrix: Water
 Analysis Batch: 622932

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 620038

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.05258	U	0.0606	0.0608	1.00	0.0977	pCi/L	07/13/23 09:29	08/04/23 09:32	1
Carrier	MB %Yield	MB Qualifier	Limits				Prepared		Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110				07/13/23 09:29		08/04/23 09:32	1

Lab Sample ID: LCS 160-620038/2-A
 Matrix: Water
 Analysis Batch: 622932

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 620038

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	10.37		1.09	1.00	0.0977	pCi/L	92	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	94.7		30 - 110						

Lab Sample ID: LCSD 160-620038/3-A
 Matrix: Water
 Analysis Batch: 622932

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 620038

Analyte	Spike Added	LCSD Result	LCSD Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER
				Uncert. (2σ+/-)							Limit
Radium-226	11.3	10.29		1.09	1.00	0.111	pCi/L	91	75 - 125	0.04	1
Carrier	LCSD %Yield	LCSD Qualifier	Limits								
Ba Carrier	94.7		30 - 110								

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-620040/1-A
 Matrix: Water
 Analysis Batch: 622120

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 620040

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-228	-0.03188	U	0.228	0.228	1.00	0.448	pCi/L	07/13/23 09:38	07/28/23 12:40	1
Carrier	MB %Yield	MB Qualifier	Limits				Prepared		Analyzed	Dil Fac
Ba Carrier	97.7		30 - 110				07/13/23 09:38		07/28/23 12:40	1
Y Carrier	82.2		30 - 110				07/13/23 09:38		07/28/23 12:40	1

QC Sample Results

Client: TekLab, Inc
 Project/Site: Radium-226 and Radium-228

Lab ID: 160-50643-1
 Lab ID: 160-50643-1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-620040/2-A
 Matrix: Water
 Analysis Batch: 622120

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 620040

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits												
Radium-228	8.00	7.939		1.14	1.00	0.487	pCi/L	99	75 - 125												
<table border="1"> <thead> <tr> <th>Carrier</th> <th>LCS %Yield</th> <th>LCS Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>94.7</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>82.6</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table>										Carrier	LCS %Yield	LCS Qualifier	Limits	Ba Carrier	94.7		30 - 110	Y Carrier	82.6		30 - 110
Carrier	LCS %Yield	LCS Qualifier	Limits																		
Ba Carrier	94.7		30 - 110																		
Y Carrier	82.6		30 - 110																		

Lab Sample ID: LCSD 160-620040/3-A
 Matrix: Water
 Analysis Batch: 621992

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 620040

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit												
Radium-228	8.00	8.159		1.18	1.00	0.559	pCi/L	102	75 - 125	0.09	1												
<table border="1"> <thead> <tr> <th>Carrier</th> <th>LCSD %Yield</th> <th>LCSD Qualifier</th> <th>Limits</th> </tr> </thead> <tbody> <tr> <td>Ba Carrier</td> <td>94.7</td> <td></td> <td>30 - 110</td> </tr> <tr> <td>Y Carrier</td> <td>81.5</td> <td></td> <td>30 - 110</td> </tr> </tbody> </table>												Carrier	LCSD %Yield	LCSD Qualifier	Limits	Ba Carrier	94.7		30 - 110	Y Carrier	81.5		30 - 110
Carrier	LCSD %Yield	LCSD Qualifier	Limits																				
Ba Carrier	94.7		30 - 110																				
Y Carrier	81.5		30 - 110																				

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-50643-1

Rad

Prep Batch: 620038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-50643-1	23070157-001	Total/NA	Water	PrecSep-21	
160-50643-2	23070157-002	Total/NA	Water	PrecSep-21	
160-50643-3	23070157-003	Total/NA	Water	PrecSep-21	
160-50643-4	23070157-004	Total/NA	Water	PrecSep-21	
160-50643-5	23070157-005	Total/NA	Water	PrecSep-21	
160-50643-6	23070157-006	Total/NA	Water	PrecSep-21	
MB 160-620038/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-620038/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-620038/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 620040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-50643-1	23070157-001	Total/NA	Water	PrecSep_0	
160-50643-2	23070157-002	Total/NA	Water	PrecSep_0	
160-50643-3	23070157-003	Total/NA	Water	PrecSep_0	
160-50643-4	23070157-004	Total/NA	Water	PrecSep_0	
160-50643-5	23070157-005	Total/NA	Water	PrecSep_0	
160-50643-6	23070157-006	Total/NA	Water	PrecSep_0	
MB 160-620040/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-620040/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-620040/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-50643-1

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Percent Yield (Acceptance Limits)

Lab Sample ID	Client Sample ID	Ba (30-110)
160-50643-1	23070157-001	87.2
160-50643-2	23070157-002	90.7
160-50643-3	23070157-003	89.2
160-50643-4	23070157-004	78.4
160-50643-5	23070157-005	97.5
160-50643-6	23070157-006	92.2
LCS 160-620038/2-A	Lab Control Sample	94.7
LCSD 160-620038/3-A	Lab Control Sample Dup	94.7
MB 160-620038/1-A	Method Blank	97.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Percent Yield (Acceptance Limits)

Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-50643-1	23070157-001	87.2	80.0
160-50643-2	23070157-002	90.7	82.2
160-50643-3	23070157-003	89.2	80.4
160-50643-4	23070157-004	78.4	81.1
160-50643-5	23070157-005	97.5	84.9
160-50643-6	23070157-006	92.2	82.6
LCS 160-620040/2-A	Lab Control Sample	94.7	82.6
LCSD 160-620040/3-A	Lab Control Sample Dup	94.7	81.5
MB 160-620040/1-A	Method Blank	97.7	82.2

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

**ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 2 2023**

ATTACHMENT C.

COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-150	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0023
MW-150	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104
MW-150	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.017	0.261
MW-150	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.0005
MW-150	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	4.12	2.16
MW-150	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-150	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	56	1,370
MW-150	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.0125
MW-150	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0022
MW-150	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.7	3.84
MW-150	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0022
MW-150	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0506	0.14
MW-150	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.0002
MW-150	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0782
MW-150	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	7.1/7.1	7.51/11.11
MW-150	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.39	3.76
MW-150	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0015	0.0032
MW-150	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	970	762
MW-150	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-150	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,790	3,260
MW-151	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0023
MW-151	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	67	Most recent sample	0.01	0.0104
MW-151	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.138	0.261
MW-151	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	67	Most recent sample	0.0015	0.0005
MW-151	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.345	2.16
MW-151	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-151	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	46	1,370

ATTACHMENT C.

COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023

845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-151	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.028	0.0125
MW-151	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.0172	0.0022
MW-151	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.54	3.84
MW-151	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	33	Most recent sample	0.02	0.0022
MW-151	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0323	0.14
MW-151	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.0002
MW-151	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0782
MW-151	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.8/6.8	7.51/11.11
MW-151	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	2.92	3.76
MW-151	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0032
MW-151	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	74	762
MW-151	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-151	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	545	3,260
MW-152	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0023
MW-152	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104
MW-152	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0167	0.261
MW-152	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.0005
MW-152	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.515	2.16
MW-152	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-152	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	8	1,370
MW-152	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.0125
MW-152	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0022
MW-152	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.31	3.84
MW-152	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0022
MW-152	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	50	Most recent sample	0.005	0.14
MW-152	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.0002
MW-152	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0782

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-152	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.9/6.9	7.51/11.11
MW-152	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.179	3.76
MW-152	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0032
MW-152	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	242	762
MW-152	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-152	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	706	3,260
MW-153	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.001	0.0023
MW-153	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.01	0.0104
MW-153	PMP	E001	Barium, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.0867	0.261
MW-153	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0006	0.0005
MW-153	PMP	E001	Boron, total	mg/L	03/15/23 - 05/22/23	2	75	Most recent sample	0.02	2.16
MW-153	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.002	0.002
MW-153	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	16	1,370
MW-153	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0119	0.0125
MW-153	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0023	0.0022
MW-153	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.36	3.84
MW-153	PMP	E001	Lead, total	mg/L	03/15/23 - 05/22/23	2	67	Most recent sample	0.0083	0.0022
MW-153	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/22/23	2	33	Most recent sample	0.005	0.14
MW-153	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.0002	0.0002
MW-153	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.01	0.0782
MW-153	PMP	E001	pH (field)	SU	03/15/23 - 05/22/23	2	0	Most recent sample	7.2/7.2	7.51/11.11
MW-153	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/22/23	2	0	Most recent sample	2.68	3.76
MW-153	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	0.0026	0.0032
MW-153	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	75	762
MW-153	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/22/23	2	100	Most recent sample	0.002	0.002
MW-153	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/22/23	2	0	Most recent sample	350	3,260
MW-252	PMP	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0036	0.0023

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-252	PMP	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104
MW-252	PMP	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0377	0.261
MW-252	PMP	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.0005
MW-252	PMP	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.174	2.16
MW-252	PMP	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-252	PMP	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	38	1,370
MW-252	PMP	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.0125
MW-252	PMP	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	50	Most recent sample	0.0022	0.0022
MW-252	PMP	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.22	3.84
MW-252	PMP	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0022
MW-252	PMP	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0102	0.14
MW-252	PMP	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.0002
MW-252	PMP	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0782
MW-252	PMP	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	6.8/6.8	7.51/11.11
MW-252	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.237	3.76
MW-252	PMP	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0032
MW-252	PMP	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	454	762
MW-252	PMP	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-252	PMP	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,200	3,260
MW-350	UA	E001	Antimony, total	mg/L	03/26/20 - 05/18/23	8	12	CI around mean	0.00067	0.0023
MW-350	UA	E001	Arsenic, total	mg/L	03/26/20 - 05/18/23	8	88	CI around median	0.001	0.0104
MW-350	UA	E001	Barium, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.176	0.261
MW-350	UA	E001	Beryllium, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.0005	0.0005
MW-350	UA	E001	Boron, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.535	2.16
MW-350	UA	E001	Cadmium, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.002	0.002
MW-350	UA	E001	Chloride, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	38.7	1,370
MW-350	UA	E001	Chromium, total	mg/L	03/26/20 - 05/18/23	8	75	CI around median	0.0015	0.0125

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-350	UA	E001	Cobalt, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.001	0.0022
MW-350	UA	E001	Fluoride, total	mg/L	03/26/20 - 05/18/23	8	0	CI around mean	0.142	3.84
MW-350	UA	E001	Lead, total	mg/L	03/26/20 - 05/18/23	8	50	CI around median	0.001	0.0022
MW-350	UA	E001	Lithium, total	mg/L	03/26/20 - 05/18/23	9	0	CI around mean	0.0728	0.14
MW-350	UA	E001	Mercury, total	mg/L	03/26/20 - 05/18/23	6	100	All ND - Last	0.0002	0.0002
MW-350	UA	E001	Molybdenum, total	mg/L	03/26/20 - 05/18/23	8	12	CI around mean	0.00228	0.0782
MW-350	UA	E001	pH (field)	SU	03/26/20 - 05/18/23	16	0	CI around median	10.7/11.5	7.51/11.11
MW-350	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/26/20 - 05/18/23	8	0	CI around mean	0.809	3.76
MW-350	UA	E001	Selenium, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.001	0.0032
MW-350	UA	E001	Sulfate, total	mg/L	03/26/20 - 05/18/23	8	11	CI around mean	62.9	762
MW-350	UA	E001	Thallium, total	mg/L	03/26/20 - 05/18/23	8	100	All ND - Last	0.002	0.002
MW-350	UA	E001	Total Dissolved Solids	mg/L	03/26/20 - 05/18/23	15	0	CB around linear reg	331	3,260
MW-352	UA	E001	Antimony, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0023
MW-352	UA	E001	Arsenic, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0104
MW-352	UA	E001	Barium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0891	0.261
MW-352	UA	E001	Beryllium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0005	0.0005
MW-352	UA	E001	Boron, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	2.04	2.16
MW-352	UA	E001	Cadmium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-352	UA	E001	Chloride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	569	1,370
MW-352	UA	E001	Chromium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.005	0.0125
MW-352	UA	E001	Cobalt, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0022
MW-352	UA	E001	Fluoride, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.27	3.84
MW-352	UA	E001	Lead, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0075	0.0022
MW-352	UA	E001	Lithium, total	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	0.0934	0.14
MW-352	UA	E001	Mercury, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.0002	0.0002
MW-352	UA	E001	Molybdenum, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.01	0.0782
MW-352	UA	E001	pH (field)	SU	03/15/23 - 05/18/23	2	0	Most recent sample	7.4/7.4	7.51/11.11

ATTACHMENT C.
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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-352	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 05/18/23	2	0	Most recent sample	1.09	3.76
MW-352	UA	E001	Selenium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.001	0.0032
MW-352	UA	E001	Sulfate, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	10	762
MW-352	UA	E001	Thallium, total	mg/L	03/15/23 - 05/18/23	2	100	Most recent sample	0.002	0.002
MW-352	UA	E001	Total Dissolved Solids	mg/L	03/15/23 - 05/18/23	2	0	Most recent sample	1,270	3,260
MW-366	UA	E001	Antimony, total	mg/L	01/20/16 - 05/16/23	20	100	All ND - Last	0.001	0.0023
MW-366	UA	E001	Arsenic, total	mg/L	01/20/16 - 05/16/23	20	95	CI around median	0.001	0.0104
MW-366	UA	E001	Barium, total	mg/L	01/20/16 - 05/16/23	20	0	CB around linear reg	0.0195	0.261
MW-366	UA	E001	Beryllium, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.0005	0.0005
MW-366	UA	E001	Boron, total	mg/L	01/20/16 - 05/16/23	21	0	CI around geomean	1.49	2.16
MW-366	UA	E001	Cadmium, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.002	0.002
MW-366	UA	E001	Chloride, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	48.4	1,370
MW-366	UA	E001	Chromium, total	mg/L	01/20/16 - 05/16/23	20	100	All ND - Last	0.005	0.0125
MW-366	UA	E001	Cobalt, total	mg/L	01/20/16 - 05/16/23	18	78	CI around median	0.001	0.0022
MW-366	UA	E001	Fluoride, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	0.0856	3.84
MW-366	UA	E001	Lead, total	mg/L	01/20/16 - 05/16/23	17	100	All ND - Last	0.0075	0.0022
MW-366	UA	E001	Lithium, total	mg/L	01/20/16 - 05/16/23	20	5	CB around linear reg	0.000159	0.14
MW-366	UA	E001	Mercury, total	mg/L	01/20/16 - 05/16/23	15	100	All ND - Last	0.0002	0.0002
MW-366	UA	E001	Molybdenum, total	mg/L	01/20/16 - 05/16/23	20	5	CI around mean	0.00285	0.0782
MW-366	UA	E001	pH (field)	SU	01/20/16 - 05/16/23	21	0	CB around linear reg	6.5/7.0	7.51/11.11
MW-366	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 05/16/23	20	0	CI around geomean	0.416	3.76
MW-366	UA	E001	Selenium, total	mg/L	01/20/16 - 05/16/23	20	95	CI around median	0.001	0.0032
MW-366	UA	E001	Sulfate, total	mg/L	01/20/16 - 05/16/23	21	0	CB around linear reg	570	762
MW-366	UA	E001	Thallium, total	mg/L	01/20/16 - 05/16/23	17	100	All ND - Last	0.002	0.002
MW-366	UA	E001	Total Dissolved Solids	mg/L	01/20/16 - 05/16/23	20	0	CB around linear reg	1,210	3,260
MW-375	UA	E001	Antimony, total	mg/L	01/20/16 - 05/18/23	20	20	CB around T-S line	-6.29e-05	0.0023
MW-375	UA	E001	Arsenic, total	mg/L	01/20/16 - 05/18/23	20	5	CI around median	0.0014	0.0104

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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-375	UA	E001	Barium, total	mg/L	01/20/16 - 05/18/23	20	0	CI around geomean	0.0245	0.261
MW-375	UA	E001	Beryllium, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.0005	0.0005
MW-375	UA	E001	Boron, total	mg/L	01/20/16 - 05/18/23	21	0	CB around T-S line	1.43	2.16
MW-375	UA	E001	Cadmium, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.002	0.002
MW-375	UA	E001	Chloride, total	mg/L	01/20/16 - 05/18/23	21	0	CB around linear reg	96.9	1,370
MW-375	UA	E001	Chromium, total	mg/L	01/20/16 - 05/18/23	20	100	All ND - Last	0.005	0.0125
MW-375	UA	E001	Cobalt, total	mg/L	01/20/16 - 05/18/23	18	100	All ND - Last	0.001	0.0022
MW-375	UA	E001	Fluoride, total	mg/L	01/20/16 - 05/18/23	21	0	CI around mean	2.21	3.84
MW-375	UA	E001	Lead, total	mg/L	01/20/16 - 05/18/23	17	100	All ND - Last	0.0075	0.0022
MW-375	UA	E001	Lithium, total	mg/L	01/20/16 - 05/18/23	20	0	CB around linear reg	0.0709	0.14
MW-375	UA	E001	Mercury, total	mg/L	01/20/16 - 05/18/23	15	100	All ND - Last	0.0002	0.0002
MW-375	UA	E001	Molybdenum, total	mg/L	01/20/16 - 05/18/23	20	0	CI around mean	0.0243	0.0782
MW-375	UA	E001	pH (field)	SU	01/20/16 - 05/18/23	21	0	CI around median	7.8/7.8	7.51/11.11
MW-375	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 05/18/23	20	0	CI around median	0.23	3.76
MW-375	UA	E001	Selenium, total	mg/L	01/20/16 - 05/18/23	20	90	CI around median	0.001	0.0032
MW-375	UA	E001	Sulfate, total	mg/L	01/20/16 - 05/18/23	21	0	CI around mean	117	762
MW-375	UA	E001	Thallium, total	mg/L	01/20/16 - 05/18/23	17	100	All ND - Last	0.002	0.002
MW-375	UA	E001	Total Dissolved Solids	mg/L	01/20/16 - 05/18/23	21	0	CB around T-S line	955	3,260
MW-377	UA	E001	Antimony, total	mg/L	01/19/16 - 05/22/23	20	100	All ND - Last	0.001	0.0023
MW-377	UA	E001	Arsenic, total	mg/L	01/19/16 - 05/22/23	20	80	CI around median	0.001	0.0104
MW-377	UA	E001	Barium, total	mg/L	01/19/16 - 05/22/23	20	0	CI around mean	0.0603	0.261
MW-377	UA	E001	Beryllium, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.0005	0.0005
MW-377	UA	E001	Boron, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	1.67	2.16
MW-377	UA	E001	Cadmium, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.002	0.002
MW-377	UA	E001	Chloride, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	89.6	1,370
MW-377	UA	E001	Chromium, total	mg/L	01/19/16 - 05/22/23	20	95	CB around T-S line	0.0012	0.0125
MW-377	UA	E001	Cobalt, total	mg/L	01/19/16 - 05/22/23	18	100	All ND - Last	0.001	0.0022

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FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-377	UA	E001	Fluoride, total	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	1.11	3.84
MW-377	UA	E001	Lead, total	mg/L	01/19/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0022
MW-377	UA	E001	Lithium, total	mg/L	01/19/16 - 05/22/23	20	0	CB around linear reg	0.0574	0.14
MW-377	UA	E001	Mercury, total	mg/L	01/19/16 - 05/22/23	15	100	All ND - Last	0.0002	0.0002
MW-377	UA	E001	Molybdenum, total	mg/L	01/19/16 - 05/22/23	20	60	CI around median	0.0015	0.0782
MW-377	UA	E001	pH (field)	SU	01/19/16 - 05/22/23	21	0	CI around median	7.1/7.2	7.51/11.11
MW-377	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 05/22/23	20	0	CI around mean	0.347	3.76
MW-377	UA	E001	Selenium, total	mg/L	01/19/16 - 05/22/23	20	100	All ND - Last	0.001	0.0032
MW-377	UA	E001	Sulfate, total	mg/L	01/19/16 - 05/22/23	21	0	CB around linear reg	35.2	762
MW-377	UA	E001	Thallium, total	mg/L	01/19/16 - 05/22/23	17	100	All ND - Last	0.002	0.002
MW-377	UA	E001	Total Dissolved Solids	mg/L	01/19/16 - 05/22/23	21	0	CI around mean	596	3,260
MW-383	UA	E001	Antimony, total	mg/L	01/21/16 - 05/22/23	20	85	CB around T-S line	0.000622	0.0023
MW-383	UA	E001	Arsenic, total	mg/L	01/21/16 - 05/22/23	20	75	CI around median	0.001	0.0104
MW-383	UA	E001	Barium, total	mg/L	01/21/16 - 05/22/23	20	0	CB around T-S line	0.0445	0.261
MW-383	UA	E001	Beryllium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0005	0.0005
MW-383	UA	E001	Boron, total	mg/L	01/21/16 - 05/22/23	21	0	CI around median	1.34	2.16
MW-383	UA	E001	Cadmium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.002	0.002
MW-383	UA	E001	Chloride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	41	1,370
MW-383	UA	E001	Chromium, total	mg/L	01/21/16 - 05/22/23	20	95	CB around T-S line	0.00121	0.0125
MW-383	UA	E001	Cobalt, total	mg/L	01/21/16 - 05/22/23	18	100	All ND - Last	0.001	0.0022
MW-383	UA	E001	Fluoride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	0.63	3.84
MW-383	UA	E001	Lead, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0022
MW-383	UA	E001	Lithium, total	mg/L	01/21/16 - 05/22/23	20	0	CI around mean	0.0329	0.14
MW-383	UA	E001	Mercury, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0002	0.0002
MW-383	UA	E001	Molybdenum, total	mg/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.0102	0.0782
MW-383	UA	E001	pH (field)	SU	01/21/16 - 05/22/23	21	0	CB around linear reg	7.4/7.6	7.51/11.11
MW-383	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.224	3.76

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-383	UA	E001	Selenium, total	mg/L	01/21/16 - 05/22/23	20	95	CI around median	0.001	0.0032
MW-383	UA	E001	Sulfate, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	148	762
MW-383	UA	E001	Thallium, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.002	0.002
MW-383	UA	E001	Total Dissolved Solids	mg/L	01/21/16 - 05/22/23	21	0	CI around mean	873	3,260
MW-384	UA	E001	Antimony, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.001	0.0023
MW-384	UA	E001	Arsenic, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.01	0.0104
MW-384	UA	E001	Barium, total	mg/L	01/21/16 - 05/22/23	20	0	CB around T-S line	0.0329	0.261
MW-384	UA	E001	Beryllium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0005	0.0005
MW-384	UA	E001	Boron, total	mg/L	01/21/16 - 05/22/23	21	0	CI around median	1.41	2.16
MW-384	UA	E001	Cadmium, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.002	0.002
MW-384	UA	E001	Chloride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	447	1,370
MW-384	UA	E001	Chromium, total	mg/L	01/21/16 - 05/22/23	20	95	CB around T-S line	0.00121	0.0125
MW-384	UA	E001	Cobalt, total	mg/L	01/21/16 - 05/22/23	18	100	All ND - Last	0.001	0.0022
MW-384	UA	E001	Fluoride, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	3.41	3.84
MW-384	UA	E001	Lead, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.0075	0.0022
MW-384	UA	E001	Lithium, total	mg/L	01/21/16 - 05/22/23	20	0	CI around mean	0.0384	0.14
MW-384	UA	E001	Mercury, total	mg/L	01/21/16 - 05/22/23	15	100	All ND - Last	0.0002	0.0002
MW-384	UA	E001	Molybdenum, total	mg/L	01/21/16 - 05/22/23	20	0	CB around linear reg	0.0242	0.0782
MW-384	UA	E001	pH (field)	SU	01/21/16 - 05/22/23	21	0	CI around median	7.8/8.0	7.51/11.11
MW-384	UA	E001	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 05/22/23	20	0	CI around geomean	0.333	3.76
MW-384	UA	E001	Selenium, total	mg/L	01/21/16 - 05/22/23	20	100	All ND - Last	0.001	0.0032
MW-384	UA	E001	Sulfate, total	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	-1.43	762
MW-384	UA	E001	Thallium, total	mg/L	01/21/16 - 05/22/23	17	100	All ND - Last	0.002	0.002
MW-384	UA	E001	Total Dissolved Solids	mg/L	01/21/16 - 05/22/23	21	0	CB around linear reg	1,420	3,260
MW-390	UA	E001	Antimony, total	mg/L	03/22/16 - 05/17/23	20	95	CI around median	0.001	0.0023
MW-390	UA	E001	Arsenic, total	mg/L	03/22/16 - 05/17/23	20	10	CI around median	0.0013	0.0104
MW-390	UA	E001	Barium, total	mg/L	03/22/16 - 05/17/23	20	0	CB around linear reg	0.0691	0.261

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FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-390	UA	E001	Beryllium, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.0005	0.0005
MW-390	UA	E001	Boron, total	mg/L	03/22/16 - 05/17/23	21	0	CB around linear reg	-0.805	2.16
MW-390	UA	E001	Cadmium, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.002	0.002
MW-390	UA	E001	Chloride, total	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	64	1,370
MW-390	UA	E001	Chromium, total	mg/L	03/22/16 - 05/17/23	20	100	All ND - Last	0.005	0.0125
MW-390	UA	E001	Cobalt, total	mg/L	03/22/16 - 05/17/23	18	67	CI around median	0.001	0.0022
MW-390	UA	E001	Fluoride, total	mg/L	03/22/16 - 05/17/23	21	0	CB around linear reg	0.2	3.84
MW-390	UA	E001	Lead, total	mg/L	03/22/16 - 05/17/23	17	94	CI around median	0.001	0.0022
MW-390	UA	E001	Lithium, total	mg/L	03/22/16 - 05/17/23	20	5	CB around linear reg	-0.000547	0.14
MW-390	UA	E001	Mercury, total	mg/L	03/22/16 - 05/17/23	15	100	All ND - Last	0.0002	0.0002
MW-390	UA	E001	Molybdenum, total	mg/L	03/22/16 - 05/17/23	20	5	CI around geomean	0.00313	0.0782
MW-390	UA	E001	pH (field)	SU	03/22/16 - 05/17/23	21	0	CB around linear reg	6.7/7.2	7.51/11.11
MW-390	UA	E001	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 05/17/23	20	0	CI around mean	0.624	3.76
MW-390	UA	E001	Selenium, total	mg/L	03/22/16 - 05/17/23	20	90	CI around median	0.001	0.0032
MW-390	UA	E001	Sulfate, total	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	137	762
MW-390	UA	E001	Thallium, total	mg/L	03/22/16 - 05/17/23	17	100	All ND - Last	0.002	0.002
MW-390	UA	E001	Total Dissolved Solids	mg/L	03/22/16 - 05/17/23	21	0	CI around mean	676	3,260
MW-391	UA	E001	Antimony, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	0.00151	0.0023
MW-391	UA	E001	Arsenic, total	mg/L	12/22/16 - 05/17/23	15	7	CB around linear reg	0.00306	0.0104
MW-391	UA	E001	Barium, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	0.00824	0.261
MW-391	UA	E001	Beryllium, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.0005	0.0005
MW-391	UA	E001	Boron, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	2.42	2.16
MW-391	UA	E001	Cadmium, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.002	0.002
MW-391	UA	E001	Chloride, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	75.6	1,370
MW-391	UA	E001	Chromium, total	mg/L	12/22/16 - 05/17/23	15	80	CB around T-S line	0.0015	0.0125
MW-391	UA	E001	Cobalt, total	mg/L	12/22/16 - 05/17/23	13	92	CI around median	0.001	0.0022
MW-391	UA	E001	Fluoride, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	2.84	3.84

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 BALDWIN POWER PLANT
 FLY ASH POND SYSTEM
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-391	UA	E001	Lead, total	mg/L	12/22/16 - 05/17/23	12	100	All ND - Last	0.0075	0.0022
MW-391	UA	E001	Lithium, total	mg/L	12/22/16 - 05/17/23	16	0	CI around mean	0.0689	0.14
MW-391	UA	E001	Mercury, total	mg/L	12/22/16 - 05/17/23	10	100	All ND - Last	0.0002	0.0002
MW-391	UA	E001	Molybdenum, total	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	0.0368	0.0782
MW-391	UA	E001	pH (field)	SU	12/22/16 - 05/17/23	16	0	CB around linear reg	7.6/8.1	7.51/11.11
MW-391	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 05/17/23	15	0	CI around mean	0.724	3.76
MW-391	UA	E001	Selenium, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	-0.0066	0.0032
MW-391	UA	E001	Sulfate, total	mg/L	12/22/16 - 05/17/23	15	0	CB around linear reg	64.8	762
MW-391	UA	E001	Thallium, total	mg/L	12/22/16 - 05/17/23	13	92	CI around median	0.001	0.002
MW-391	UA	E001	Total Dissolved Solids	mg/L	12/22/16 - 05/17/23	15	0	CI around mean	1,960	3,260

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

R = resample

SU = standard units

Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result

Statistical Calculation = method used to calculate the statistical result:

All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown

CB around T-S line = Confidence band around Thiel-Sen line

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Most recent sample = Result for the most recently collected sample used due to insufficient data

Statistical Result = calculated in accordance with Statistical Analysis Plan using constituent concentrations observed at monitoring well during all sampling events within the specified date range
 For pH, the values presented are the lower / upper limits of the background determination