



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 Bottom Ash Pond; IEPA ID # W1578510001-06**

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 Bottom Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. 1578510001-06. 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, Bottom Ash Pond, Baldwin Power Plant, Baldwin, Illinois*

**35 I.A.C. § 845.610(B)(3)(D)  
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES  
2023 QUARTER 2  
BOTTOM ASH POND, 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 Plan<sup>1</sup>. 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

<sup>1</sup> Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *Groundwater Monitoring Plan. Bottom Ash Pond. Baldwin Power Plant. Baldwin, Illinois. August 1, 2023.*

## **TABLES**

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

845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
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  
BOTTOM ASH POND  
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-358	Background	E001	05/19/2023	Antimony, total	0.0004 U	mg/L
MW-358	Background	E001	05/19/2023	Arsenic, total	0.0087 U	mg/L
MW-358	Background	E001	05/19/2023	Barium, total	0.192	mg/L
MW-358	Background	E001	05/19/2023	Beryllium, total	0.0002 U	mg/L
MW-358	Background	E001	05/19/2023	Boron, total	1.60 J+	mg/L
MW-358	Background	E001	05/19/2023	Cadmium, total	0.0005 U	mg/L
MW-358	Background	E001	05/19/2023	Calcium, total	12.5	mg/L
MW-358	Background	E001	05/19/2023	Chloride, total	1,300	mg/L
MW-358	Background	E001	05/19/2023	Chromium, total	0.0028 U	mg/L
MW-358	Background	E001	05/19/2023	Cobalt, total	0.0003 J	mg/L
MW-358	Background	E001	05/19/2023	Dissolved Oxygen	1.20	mg/L
MW-358	Background	E001	05/19/2023	Fluoride, total	3.31	mg/L
MW-358	Background	E001	05/19/2023	Lead, total	0.004 U	mg/L
MW-358	Background	E001	05/19/2023	Lithium, total	0.0778 J+	mg/L
MW-358	Background	E001	05/19/2023	Mercury, total	0.00009 U	mg/L
MW-358	Background	E001	05/19/2023	Molybdenum, total	0.0139	mg/L
MW-358	Background	E001	05/19/2023	Oxidation Reduction Potential	-91.0	mV
MW-358	Background	E001	05/19/2023	pH (field)	7.6	SU
MW-358	Background	E001	05/19/2023	Radium 226 + Radium 228, total	0.816 J+	pCi/L
MW-358	Background	E001	05/19/2023	Selenium, total	0.0006 U	mg/L
MW-358	Background	E001	05/19/2023	Specific Conductance @ 25C (field)	5,640	micromhos/cm
MW-358	Background	E001	05/19/2023	Sulfate, total	10 U	mg/L
MW-358	Background	E001	05/19/2023	Temperature	18.2	degrees C
MW-358	Background	E001	05/19/2023	Thallium, total	0.001 U	mg/L
MW-358	Background	E001	05/19/2023	Total Dissolved Solids	3,040	mg/L
MW-358	Background	E001	05/19/2023	Turbidity, field	2.80	NTU
MW-192	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-192	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-192	Compliance	E001	05/16/2023	Barium, total	0.120	mg/L
MW-192	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-192	Compliance	E001	05/16/2023	Boron, total	0.0227 J+	mg/L
MW-192	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-192	Compliance	E001	05/16/2023	Calcium, total	69.7	mg/L
MW-192	Compliance	E001	05/16/2023	Chloride, total	26.0	mg/L
MW-192	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-192	Compliance	E001	05/16/2023	Cobalt, total	0.00230	mg/L
MW-192	Compliance	E001	05/16/2023	Dissolved Oxygen	1.09	mg/L
MW-192	Compliance	E001	05/16/2023	Fluoride, total	0.420	mg/L
MW-192	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-192	Compliance	E001	05/16/2023	Lithium, total	0.005 U	mg/L

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

845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-192	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-192	Compliance	E001	05/16/2023	Molybdenum, total	0.0037 U	mg/L
MW-192	Compliance	E001	05/16/2023	Oxidation Reduction Potential	-72.0	mV
MW-192	Compliance	E001	05/16/2023	pH (field)	6.5	SU
MW-192	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.732 J+	pCi/L
MW-192	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-192	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	809	micromhos/cm
MW-192	Compliance	E001	05/16/2023	Sulfate, total	25.0 J+	mg/L
MW-192	Compliance	E001	05/16/2023	Temperature	16.1	degrees C
MW-192	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-192	Compliance	E001	05/16/2023	Total Dissolved Solids	450	mg/L
MW-192	Compliance	E001	05/16/2023	Turbidity, field	9.20	NTU
MW-193	Compliance	E001	05/15/2023	Antimony, total	0.0004 U	mg/L
MW-193	Compliance	E001	05/15/2023	Arsenic, total	0.0087 U	mg/L
MW-193	Compliance	E001	05/15/2023	Barium, total	0.0832	mg/L
MW-193	Compliance	E001	05/15/2023	Beryllium, total	0.0002 U	mg/L
MW-193	Compliance	E001	05/15/2023	Boron, total	0.0395 J+	mg/L
MW-193	Compliance	E001	05/15/2023	Cadmium, total	0.0005 U	mg/L
MW-193	Compliance	E001	05/15/2023	Calcium, total	92.3	mg/L
MW-193	Compliance	E001	05/15/2023	Chloride, total	37.0	mg/L
MW-193	Compliance	E001	05/15/2023	Chromium, total	0.0028 U	mg/L
MW-193	Compliance	E001	05/15/2023	Cobalt, total	0.0005 J	mg/L
MW-193	Compliance	E001	05/15/2023	Dissolved Oxygen	1.61	mg/L
MW-193	Compliance	E001	05/15/2023	Fluoride, total	0.240	mg/L
MW-193	Compliance	E001	05/15/2023	Lead, total	0.004 U	mg/L
MW-193	Compliance	E001	05/15/2023	Lithium, total	0.0019 U	mg/L
MW-193	Compliance	E001	05/15/2023	Mercury, total	0.00006 U	mg/L
MW-193	Compliance	E001	05/15/2023	Molybdenum, total	0.0037 U	mg/L
MW-193	Compliance	E001	05/15/2023	Oxidation Reduction Potential	-28.0	mV
MW-193	Compliance	E001	05/15/2023	pH (field)	6.8	SU
MW-193	Compliance	E001	05/15/2023	Radium 226 + Radium 228, total	1.06 J+	pCi/L
MW-193	Compliance	E001	05/15/2023	Selenium, total	0.0006 U	mg/L
MW-193	Compliance	E001	05/15/2023	Specific Conductance @ 25C (field)	974	micromhos/cm
MW-193	Compliance	E001	05/15/2023	Sulfate, total	153	mg/L
MW-193	Compliance	E001	05/15/2023	Temperature	17.2	degrees C
MW-193	Compliance	E001	05/15/2023	Thallium, total	0.001 U	mg/L
MW-193	Compliance	E001	05/15/2023	Total Dissolved Solids	582	mg/L
MW-193	Compliance	E001	05/15/2023	Turbidity, field	2.00	NTU
MW-356	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-356	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-356	Compliance	E001	05/16/2023	Barium, total	0.0326	mg/L
MW-356	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-356	Compliance	E001	05/16/2023	Boron, total	2.01 J+	mg/L
MW-356	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-356	Compliance	E001	05/16/2023	Calcium, total	11.5	mg/L
MW-356	Compliance	E001	05/16/2023	Chloride, total	31.0	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-356	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-356	Compliance	E001	05/16/2023	Cobalt, total	0.0003 U	mg/L
MW-356	Compliance	E001	05/16/2023	Dissolved Oxygen	1.60	mg/L
MW-356	Compliance	E001	05/16/2023	Fluoride, total	1.97	mg/L
MW-356	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-356	Compliance	E001	05/16/2023	Lithium, total	0.0548	mg/L
MW-356	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-356	Compliance	E001	05/16/2023	Molybdenum, total	0.0037 U	mg/L
MW-356	Compliance	E001	05/16/2023	Oxidation Reduction Potential	5.00	mV
MW-356	Compliance	E001	05/16/2023	pH (field)	7.7	SU
MW-356	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.0477	pCi/L
MW-356	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-356	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	1,170	micromhos/cm
MW-356	Compliance	E001	05/16/2023	Sulfate, total	44.0 J+	mg/L
MW-356	Compliance	E001	05/16/2023	Temperature	15.3	degrees C
MW-356	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-356	Compliance	E001	05/16/2023	Total Dissolved Solids	688	mg/L
MW-356	Compliance	E001	05/16/2023	Turbidity, field	9.60	NTU
MW-369	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-369	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-369	Compliance	E001	05/16/2023	Barium, total	0.132	mg/L
MW-369	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-369	Compliance	E001	05/16/2023	Boron, total	0.232 J+	mg/L
MW-369	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-369	Compliance	E001	05/16/2023	Calcium, total	124	mg/L
MW-369	Compliance	E001	05/16/2023	Chloride, total	66.0	mg/L
MW-369	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-369	Compliance	E001	05/16/2023	Cobalt, total	0.00210	mg/L
MW-369	Compliance	E001	05/16/2023	Dissolved Oxygen	1.61	mg/L
MW-369	Compliance	E001	05/16/2023	Fluoride, total	0.540	mg/L
MW-369	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-369	Compliance	E001	05/16/2023	Lithium, total	0.0024 J	mg/L
MW-369	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-369	Compliance	E001	05/16/2023	Molybdenum, total	0.0054 J	mg/L
MW-369	Compliance	E001	05/16/2023	Oxidation Reduction Potential	-21.0	mV
MW-369	Compliance	E001	05/16/2023	pH (field)	7.0	SU
MW-369	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.871 J+	pCi/L
MW-369	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-369	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	1,210	micromhos/cm
MW-369	Compliance	E001	05/16/2023	Sulfate, total	111	mg/L
MW-369	Compliance	E001	05/16/2023	Temperature	15.2	degrees C
MW-369	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-369	Compliance	E001	05/16/2023	Total Dissolved Solids	720	mg/L
MW-369	Compliance	E001	05/16/2023	Turbidity, field	3.30	NTU
MW-370	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-370	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-370	Compliance	E001	05/16/2023	Barium, total	0.0321	mg/L
MW-370	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-370	Compliance	E001	05/16/2023	Boron, total	1.85 J+	mg/L
MW-370	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-370	Compliance	E001	05/16/2023	Calcium, total	37.0	mg/L
MW-370	Compliance	E001	05/16/2023	Chloride, total	1,360	mg/L
MW-370	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-370	Compliance	E001	05/16/2023	Cobalt, total	0.0004 J	mg/L
MW-370	Compliance	E001	05/16/2023	Dissolved Oxygen	0.810	mg/L
MW-370	Compliance	E001	05/16/2023	Fluoride, total	3.07	mg/L
MW-370	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-370	Compliance	E001	05/16/2023	Lithium, total	0.120	mg/L
MW-370	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-370	Compliance	E001	05/16/2023	Molybdenum, total	0.0062 J	mg/L
MW-370	Compliance	E001	05/16/2023	Oxidation Reduction Potential	36.0	mV
MW-370	Compliance	E001	05/16/2023	pH (field)	7.5	SU
MW-370	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	1.25 J+	pCi/L
MW-370	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-370	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	5,460	micromhos/cm
MW-370	Compliance	E001	05/16/2023	Sulfate, total	253	mg/L
MW-370	Compliance	E001	05/16/2023	Temperature	15.7	degrees C
MW-370	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-370	Compliance	E001	05/16/2023	Total Dissolved Solids	2,940	mg/L
MW-370	Compliance	E001	05/16/2023	Turbidity, field	1.50	NTU
MW-382	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-382	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-382	Compliance	E001	05/16/2023	Barium, total	0.0268	mg/L
MW-382	Compliance	E001	05/16/2023	Beryllium, total	0.000500	mg/L
MW-382	Compliance	E001	05/16/2023	Boron, total	1.75 J+	mg/L
MW-382	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-382	Compliance	E001	05/16/2023	Calcium, total	27.0	mg/L
MW-382	Compliance	E001	05/16/2023	Chloride, total	42.0	mg/L
MW-382	Compliance	E001	05/16/2023	Chromium, total	0.00930	mg/L
MW-382	Compliance	E001	05/16/2023	Cobalt, total	0.00450	mg/L
MW-382	Compliance	E001	05/16/2023	Dissolved Oxygen	1.12	mg/L
MW-382	Compliance	E001	05/16/2023	Fluoride, total	2.75	mg/L
MW-382	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-382	Compliance	E001	05/16/2023	Lithium, total	0.0573	mg/L
MW-382	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-382	Compliance	E001	05/16/2023	Molybdenum, total	0.0037 U	mg/L
MW-382	Compliance	E001	05/16/2023	Oxidation Reduction Potential	49.0	mV
MW-382	Compliance	E001	05/16/2023	pH (field)	7.7	SU
MW-382	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.832 J+	pCi/L
MW-382	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-382	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	1,840	micromhos/cm
MW-382	Compliance	E001	05/16/2023	Sulfate, total	391	mg/L



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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-382	Compliance	E001	05/16/2023	Temperature	15.4	degrees C
MW-382	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-382	Compliance	E001	05/16/2023	Total Dissolved Solids	1,170	mg/L
MW-382	Compliance	E001	05/16/2023	Turbidity, field	44.0	NTU
MW-392	Compliance	E001	05/16/2023	Antimony, total	0.0004 U	mg/L
MW-392	Compliance	E001	05/16/2023	Arsenic, total	0.0087 U	mg/L
MW-392	Compliance	E001	05/16/2023	Barium, total	0.0414	mg/L
MW-392	Compliance	E001	05/16/2023	Beryllium, total	0.0002 U	mg/L
MW-392	Compliance	E001	05/16/2023	Boron, total	1.92 J+	mg/L
MW-392	Compliance	E001	05/16/2023	Cadmium, total	0.0005 U	mg/L
MW-392	Compliance	E001	05/16/2023	Calcium, total	25.6	mg/L
MW-392	Compliance	E001	05/16/2023	Chloride, total	827	mg/L
MW-392	Compliance	E001	05/16/2023	Chromium, total	0.0028 U	mg/L
MW-392	Compliance	E001	05/16/2023	Cobalt, total	0.0003 J	mg/L
MW-392	Compliance	E001	05/16/2023	Dissolved Oxygen	1.67	mg/L
MW-392	Compliance	E001	05/16/2023	Fluoride, total	4.07	mg/L
MW-392	Compliance	E001	05/16/2023	Lead, total	0.004 U	mg/L
MW-392	Compliance	E001	05/16/2023	Lithium, total	0.0675	mg/L
MW-392	Compliance	E001	05/16/2023	Mercury, total	0.00006 U	mg/L
MW-392	Compliance	E001	05/16/2023	Molybdenum, total	0.0037 U	mg/L
MW-392	Compliance	E001	05/16/2023	Oxidation Reduction Potential	-121	mV
MW-392	Compliance	E001	05/16/2023	pH (field)	7.5	SU
MW-392	Compliance	E001	05/16/2023	Radium 226 + Radium 228, total	0.836 J+	pCi/L
MW-392	Compliance	E001	05/16/2023	Selenium, total	0.0006 U	mg/L
MW-392	Compliance	E001	05/16/2023	Specific Conductance @ 25C (field)	3,560	micromhos/cm
MW-392	Compliance	E001	05/16/2023	Sulfate, total	63.0 J+	mg/L
MW-392	Compliance	E001	05/16/2023	Temperature	16.5	degrees C
MW-392	Compliance	E001	05/16/2023	Thallium, total	0.001 U	mg/L
MW-392	Compliance	E001	05/16/2023	Total Dissolved Solids	1,830	mg/L
MW-392	Compliance	E001	05/16/2023	Turbidity, field	6.00	NTU
MW-393	Compliance	E001	05/15/2023	Antimony, total	0.0005 J	mg/L
MW-393	Compliance	E001	05/15/2023	Arsenic, total	0.0087 U	mg/L
MW-393	Compliance	E001	05/15/2023	Barium, total	0.0261	mg/L
MW-393	Compliance	E001	05/15/2023	Beryllium, total	0.0002 U	mg/L
MW-393	Compliance	E001	05/15/2023	Boron, total	1.72 J+	mg/L
MW-393	Compliance	E001	05/15/2023	Cadmium, total	0.0005 U	mg/L
MW-393	Compliance	E001	05/15/2023	Calcium, total	8.41	mg/L
MW-393	Compliance	E001	05/15/2023	Chloride, total	745	mg/L
MW-393	Compliance	E001	05/15/2023	Chromium, total	0.0028 U	mg/L
MW-393	Compliance	E001	05/15/2023	Cobalt, total	0.0001 U	mg/L
MW-393	Compliance	E001	05/15/2023	Dissolved Oxygen	1.12	mg/L
MW-393	Compliance	E001	05/15/2023	Fluoride, total	8.42	mg/L
MW-393	Compliance	E001	05/15/2023	Lead, total	0.004 U	mg/L
MW-393	Compliance	E001	05/15/2023	Lithium, total	0.0442 J+	mg/L
MW-393	Compliance	E001	05/15/2023	Mercury, total	0.00014 J	mg/L
MW-393	Compliance	E001	05/15/2023	Molybdenum, total	0.0037 U	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-393	Compliance	E001	05/15/2023	Oxidation Reduction Potential	-300 U	mV
MW-393	Compliance	E001	05/15/2023	pH (field)	8.3	SU
MW-393	Compliance	E001	05/15/2023	Radium 226 + Radium 228, total	0.192	pCi/L
MW-393	Compliance	E001	05/15/2023	Selenium, total	0.0006 U	mg/L
MW-393	Compliance	E001	05/15/2023	Specific Conductance @ 25C (field)	4,210	micromhos/cm
MW-393	Compliance	E001	05/15/2023	Sulfate, total	123	mg/L
MW-393	Compliance	E001	05/15/2023	Temperature	17.7	degrees C
MW-393	Compliance	E001	05/15/2023	Thallium, total	0.001 U	mg/L
MW-393	Compliance	E001	05/15/2023	Total Dissolved Solids	2,290	mg/L
MW-393	Compliance	E001	05/15/2023	Turbidity, field	1 U	NTU
MW-394	Compliance	E001	05/15/2023	Antimony, total	0.0005 J	mg/L
MW-394	Compliance	E001	05/15/2023	Arsenic, total	0.0087 U	mg/L
MW-394	Compliance	E001	05/15/2023	Barium, total	0.0315	mg/L
MW-394	Compliance	E001	05/15/2023	Beryllium, total	0.0002 U	mg/L
MW-394	Compliance	E001	05/15/2023	Boron, total	1.72 J+	mg/L
MW-394	Compliance	E001	05/15/2023	Cadmium, total	0.0005 U	mg/L
MW-394	Compliance	E001	05/15/2023	Calcium, total	20.8	mg/L
MW-394	Compliance	E001	05/15/2023	Chloride, total	614	mg/L
MW-394	Compliance	E001	05/15/2023	Chromium, total	0.0028 U	mg/L
MW-394	Compliance	E001	05/15/2023	Cobalt, total	0.0002 J	mg/L
MW-394	Compliance	E001	05/15/2023	Dissolved Oxygen	1.60	mg/L
MW-394	Compliance	E001	05/15/2023	Fluoride, total	4.13	mg/L
MW-394	Compliance	E001	05/15/2023	Lead, total	0.004 U	mg/L
MW-394	Compliance	E001	05/15/2023	Lithium, total	0.0373 J+	mg/L
MW-394	Compliance	E001	05/15/2023	Mercury, total	0.00006 U	mg/L
MW-394	Compliance	E001	05/15/2023	Molybdenum, total	0.0037 U	mg/L
MW-394	Compliance	E001	05/15/2023	Oxidation Reduction Potential	-286	mV
MW-394	Compliance	E001	05/15/2023	pH (field)	8.1	SU
MW-394	Compliance	E001	05/15/2023	Radium 226 + Radium 228, total	0.353 <0	pCi/L
MW-394	Compliance	E001	05/15/2023	Selenium, total	0.0006 U	mg/L
MW-394	Compliance	E001	05/15/2023	Specific Conductance @ 25C (field)	4,090	micromhos/cm
MW-394	Compliance	E001	05/15/2023	Sulfate, total	215	mg/L
MW-394	Compliance	E001	05/15/2023	Temperature	17.7	degrees C
MW-394	Compliance	E001	05/15/2023	Thallium, total	0.001 U	mg/L
MW-394	Compliance	E001	05/15/2023	Total Dissolved Solids	1,970	mg/L
MW-394	Compliance	E001	05/15/2023	Turbidity, field	1 U	NTU
OW-256	Compliance	E001	05/17/2023	Antimony, total	0.0004 U	mg/L
OW-256	Compliance	E001	05/17/2023	Arsenic, total	0.0087 U	mg/L
OW-256	Compliance	E001	05/17/2023	Barium, total	0.102	mg/L
OW-256	Compliance	E001	05/17/2023	Beryllium, total	0.0002 U	mg/L
OW-256	Compliance	E001	05/17/2023	Boron, total	0.187 J+	mg/L
OW-256	Compliance	E001	05/17/2023	Cadmium, total	0.0005 U	mg/L
OW-256	Compliance	E001	05/17/2023	Calcium, total	86.9	mg/L
OW-256	Compliance	E001	05/17/2023	Chloride, total	54.0	mg/L
OW-256	Compliance	E001	05/17/2023	Chromium, total	0.0028 U	mg/L
OW-256	Compliance	E001	05/17/2023	Cobalt, total	0.00150	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
OW-256	Compliance	E001	05/17/2023	Dissolved Oxygen	0.770	mg/L
OW-256	Compliance	E001	05/17/2023	Fluoride, total	0.250	mg/L
OW-256	Compliance	E001	05/17/2023	Lead, total	0.004 U	mg/L
OW-256	Compliance	E001	05/17/2023	Lithium, total	0.005 U	mg/L
OW-256	Compliance	E001	05/17/2023	Mercury, total	0.00006 U	mg/L
OW-256	Compliance	E001	05/17/2023	Molybdenum, total	0.0037 U	mg/L
OW-256	Compliance	E001	05/17/2023	Oxidation Reduction Potential	0	mV
OW-256	Compliance	E001	05/17/2023	pH (field)	6.7	SU
OW-256	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	0.717 J+	pCi/L
OW-256	Compliance	E001	05/17/2023	Selenium, total	0.0006 U	mg/L
OW-256	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	901	micromhos/cm
OW-256	Compliance	E001	05/17/2023	Sulfate, total	64.0 J+	mg/L
OW-256	Compliance	E001	05/17/2023	Temperature	15.5	degrees C
OW-256	Compliance	E001	05/17/2023	Thallium, total	0.001 U	mg/L
OW-256	Compliance	E001	05/17/2023	Total Dissolved Solids	514	mg/L
OW-256	Compliance	E001	05/17/2023	Turbidity, field	5.40	NTU
OW-257	Compliance	E001	05/17/2023	Antimony, total	0.0022 U	mg/L
OW-257	Compliance	E001R	07/10/2023	Antimony, total	0.0009 J	mg/L
OW-257	Compliance	E001	05/17/2023	Arsenic, total	0.103	mg/L
OW-257	Compliance	E001R	07/10/2023	Arsenic, total	0.0087 U	mg/L
OW-257	Compliance	E001	05/17/2023	Barium, total	0.975	mg/L
OW-257	Compliance	E001R	07/10/2023	Barium, total	0.126	mg/L
OW-257	Compliance	E001	05/17/2023	Beryllium, total	0.00970	mg/L
OW-257	Compliance	E001R	07/10/2023	Beryllium, total	0.0002 U	mg/L
OW-257	Compliance	E001	05/17/2023	Boron, total	0.490 J+	mg/L
OW-257	Compliance	E001R	07/10/2023	Boron, total	0.463	mg/L
OW-257	Compliance	E001	05/17/2023	Cadmium, total	0.00450	mg/L
OW-257	Compliance	E001R	07/10/2023	Cadmium, total	0.0005 U	mg/L
OW-257	Compliance	E001	05/17/2023	Calcium, total	366	mg/L
OW-257	Compliance	E001R	07/10/2023	Calcium, total	136	mg/L
OW-257	Compliance	E001	05/17/2023	Chloride, total	7.00	mg/L
OW-257	Compliance	E001R	07/10/2023	Chloride, total	8.00	mg/L
OW-257	Compliance	E001	05/17/2023	Chromium, total	0.214	mg/L
OW-257	Compliance	E001R	07/10/2023	Chromium, total	0.0041 J	mg/L
OW-257	Compliance	E001	05/17/2023	Cobalt, total	0.203	mg/L
OW-257	Compliance	E001R	07/10/2023	Cobalt, total	0.00320	mg/L
OW-257	Compliance	E001	05/17/2023	Dissolved Oxygen	0.900	mg/L
OW-257	Compliance	E001R	07/10/2023	Dissolved Oxygen	6.60	mg/L
OW-257	Compliance	E001	05/17/2023	Fluoride, total	0.370	mg/L
OW-257	Compliance	E001R	07/10/2023	Fluoride, total	0.440	mg/L
OW-257	Compliance	E001	05/17/2023	Lead, total	0.214	mg/L
OW-257	Compliance	E001R	07/10/2023	Lead, total	0.004 U	mg/L
OW-257	Compliance	E001	05/17/2023	Lithium, total	0.207 J+	mg/L
OW-257	Compliance	E001R	07/10/2023	Lithium, total	0.0333	mg/L
OW-257	Compliance	E001	05/17/2023	Mercury, total	0.00014 J	mg/L
OW-257	Compliance	E001R	07/10/2023	Mercury, total	0.00006 U	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
OW-257	Compliance	E001	05/17/2023	Molybdenum, total	0.0065 J	mg/L
OW-257	Compliance	E001R	07/10/2023	Molybdenum, total	0.0043 J	mg/L
OW-257	Compliance	E001	05/17/2023	Oxidation Reduction Potential	-66.0	mV
OW-257	Compliance	E001R	07/10/2023	Oxidation Reduction Potential	130	mV
OW-257	Compliance	E001	05/17/2023	pH (field)	6.8	SU
OW-257	Compliance	E001R	07/10/2023	pH (field)	6.8	SU
OW-257	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	25.3	pCi/L
OW-257	Compliance	E001R	07/10/2023	Radium 226 + Radium 228, total	1.33 J+	pCi/L
OW-257	Compliance	E001	05/17/2023	Selenium, total	0.0006 U	mg/L
OW-257	Compliance	E001R	07/10/2023	Selenium, total	0.0006 U	mg/L
OW-257	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	1,210	micromhos/cm
OW-257	Compliance	E001R	07/10/2023	Specific Conductance @ 25C (field)	1,110	micromhos/cm
OW-257	Compliance	E001	05/17/2023	Sulfate, total	118	mg/L
OW-257	Compliance	E001R	07/10/2023	Sulfate, total	115	mg/L
OW-257	Compliance	E001	05/17/2023	Temperature	14.7	degrees C
OW-257	Compliance	E001R	07/10/2023	Temperature	15.9	degrees C
OW-257	Compliance	E001	05/17/2023	Thallium, total	0.0048 U	mg/L
OW-257	Compliance	E001R	07/10/2023	Thallium, total	0.001 U	mg/L
OW-257	Compliance	E001	05/17/2023	Total Dissolved Solids	1,270	mg/L
OW-257	Compliance	E001R	07/10/2023	Total Dissolved Solids	710	mg/L
OW-257	Compliance	E001	05/17/2023	Turbidity, field	110	NTU
OW-257	Compliance	E001R	07/10/2023	Turbidity, field	21.0	NTU
PZ-170	Compliance	E001	05/17/2023	Antimony, total	0.0007 J	mg/L
PZ-170	Compliance	E001	05/17/2023	Arsenic, total	0.0087 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Barium, total	0.0975	mg/L
PZ-170	Compliance	E001	05/17/2023	Beryllium, total	0.0002 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Boron, total	0.267 J+	mg/L
PZ-170	Compliance	E001	05/17/2023	Cadmium, total	0.0005 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Calcium, total	200	mg/L
PZ-170	Compliance	E001	05/17/2023	Chloride, total	35.0	mg/L
PZ-170	Compliance	E001	05/17/2023	Chromium, total	0.0028 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Cobalt, total	0.00460	mg/L
PZ-170	Compliance	E001	05/17/2023	Dissolved Oxygen	0.930	mg/L
PZ-170	Compliance	E001	05/17/2023	Fluoride, total	0.180	mg/L
PZ-170	Compliance	E001	05/17/2023	Lead, total	0.004 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Lithium, total	0.0291	mg/L
PZ-170	Compliance	E001	05/17/2023	Mercury, total	0.00006 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Molybdenum, total	0.0037 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Oxidation Reduction Potential	-67.0	mV
PZ-170	Compliance	E001	05/17/2023	pH (field)	6.5	SU
PZ-170	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	0.181	pCi/L
PZ-170	Compliance	E001	05/17/2023	Selenium, total	0.0006 U	mg/L
PZ-170	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	1,750	micromhos/cm
PZ-170	Compliance	E001	05/17/2023	Sulfate, total	170	mg/L
PZ-170	Compliance	E001	05/17/2023	Temperature	15.9	degrees C
PZ-170	Compliance	E001	05/17/2023	Thallium, total	0.001 U	mg/L

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
PZ-170	Compliance	E001	05/17/2023	Total Dissolved Solids	730	mg/L
PZ-170	Compliance	E001	05/17/2023	Turbidity, field	3.70	NTU
PZ-182	Compliance	E001	05/17/2023	Antimony, total	0.0004 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Arsenic, total	0.0087 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Barium, total	0.0692	mg/L
PZ-182	Compliance	E001	05/17/2023	Beryllium, total	0.0002 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Boron, total	0.484 J+	mg/L
PZ-182	Compliance	E001	05/17/2023	Cadmium, total	0.0005 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Calcium, total	143	mg/L
PZ-182	Compliance	E001	05/17/2023	Chloride, total	88.0	mg/L
PZ-182	Compliance	E001	05/17/2023	Chromium, total	0.0028 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Cobalt, total	0.0008 J	mg/L
PZ-182	Compliance	E001	05/17/2023	Dissolved Oxygen	0.730	mg/L
PZ-182	Compliance	E001	05/17/2023	Fluoride, total	0.190	mg/L
PZ-182	Compliance	E001	05/17/2023	Lead, total	0.004 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Lithium, total	0.00690 J+	mg/L
PZ-182	Compliance	E001	05/17/2023	Mercury, total	0.00006 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Molybdenum, total	0.0037 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Oxidation Reduction Potential	-67.0	mV
PZ-182	Compliance	E001	05/17/2023	pH (field)	6.6	SU
PZ-182	Compliance	E001	05/17/2023	Radium 226 + Radium 228, total	0.925 J+	pCi/L
PZ-182	Compliance	E001	05/17/2023	Selenium, total	0.0006 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Specific Conductance @ 25C (field)	1,160	micromhos/cm
PZ-182	Compliance	E001	05/17/2023	Sulfate, total	254	mg/L
PZ-182	Compliance	E001	05/17/2023	Temperature	15.4	degrees C
PZ-182	Compliance	E001	05/17/2023	Thallium, total	0.001 U	mg/L
PZ-182	Compliance	E001	05/17/2023	Total Dissolved Solids	1,120	mg/L
PZ-182	Compliance	E001	05/17/2023	Turbidity, field	36.0	NTU

**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 high.

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

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-192	UU	E001	Antimony, total	mg/L	10/27/22 - 05/16/23	8	75	CI around median	0.001	0.006	Standard	No Exceedance
MW-192	UU	E001	Arsenic, total	mg/L	10/27/22 - 05/16/23	8	25	CI around geomean	0.00146	0.0104	Background	No Exceedance
MW-192	UU	E001	Barium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0825	2	Standard	No Exceedance
MW-192	UU	E001	Beryllium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-192	UU	E001	Boron, total	mg/L	10/27/22 - 05/16/23	8	25	CI around mean	0.0241	2.16	Background	No Exceedance
MW-192	UU	E001	Cadmium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-192	UU	E001	Chloride, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	18.9	1,370	Background	No Exceedance
MW-192	UU	E001	Chromium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-192	UU	E001	Cobalt, total	mg/L	10/27/22 - 05/16/23	8	38	CI around mean	0.00091	0.006	Standard	No Exceedance
MW-192	UU	E001	Fluoride, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.403	4	Standard	No Exceedance
MW-192	UU	E001	Lead, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.0075	Standard	No Exceedance
MW-192	UU	E001	Lithium, total	mg/L	10/27/22 - 05/16/23	8	12	CI around mean	0.00725	0.14	Background	No Exceedance
MW-192	UU	E001	Mercury, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-192	UU	E001	Molybdenum, total	mg/L	10/27/22 - 05/16/23	8	12	CI around mean	0.00248	0.1	Standard	No Exceedance
MW-192	UU	E001	pH (field)	SU	10/27/22 - 05/16/23	8	0	CI around median	6.5/7.0	6.5/11.11	Background/Background	No Exceedance
MW-192	UU	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/16/23	8	0	CI around mean	0.244	5	Standard	No Exceedance
MW-192	UU	E001	Selenium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-192	UU	E001	Sulfate, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	11	762	Background	No Exceedance
MW-192	UU	E001	Thallium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-192	UU	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	432	3,260	Background	No Exceedance
MW-193	UU	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-193	UU	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.00124	0.0104	Background	No Exceedance
MW-193	UU	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0703	2	Standard	No Exceedance
MW-193	UU	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-193	UU	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.0287	2.16	Background	No Exceedance
MW-193	UU	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-193	UU	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	34.8	1,370	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-193	UU	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	75	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	88	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-193	UU	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	0.191	4	Standard	No Exceedance
MW-193	UU	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-193	UU	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	25	CI around mean	0.00474	0.14	Background	No Exceedance
MW-193	UU	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-193	UU	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	6.7/7.2	6.5/11.11	Background/Background	No Exceedance
MW-193	UU	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.376	5	Standard	No Exceedance
MW-193	UU	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-193	UU	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	152	762	Background	No Exceedance
MW-193	UU	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-193	UU	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	523	3,260	Background	No Exceedance
MW-356	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	23	91	CI around median	0.001	0.006	Standard	No Exceedance
MW-356	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	26	81	CI around median	0.001	0.0104	Background	No Exceedance
MW-356	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	26	0	CI around median	0.0297	2	Standard	No Exceedance
MW-356	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-356	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	27	0	CI around median	1.94	2.16	Background	No Exceedance
MW-356	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-356	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	28.6	1,370	Background	No Exceedance
MW-356	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	25	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-356	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	24	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-356	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	1.9	4	Standard	No Exceedance
MW-356	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	24	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-356	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	26	0	CB around linear reg	0.0551	0.14	Background	No Exceedance
MW-356	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-356	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	26	58	CI around median	0.0015	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-356	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	27	0	CI around median	7.7/7.8	6.5/11.11	Background/Background	No Exceedance
MW-356	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	26	0	CI around median	0.1	5	Standard	No Exceedance
MW-356	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	23	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-356	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	44.4	762	Background	No Exceedance
MW-356	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-356	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	26	0	CI around mean	663	3,260	Background	No Exceedance
MW-369	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	17	76	CB around T-S line	-0.00196	0.006	Standard	No Exceedance
MW-369	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	20	10	CI around geomean	0.00151	0.0104	Background	No Exceedance
MW-369	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	20	0	CB around T-S line	0.073	2	Standard	No Exceedance
MW-369	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-369	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	-0.171	2.16	Background	No Exceedance
MW-369	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-369	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around geomean	84.1	1,370	Background	No Exceedance
MW-369	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	19	90	CB around T-S line	0.00145	0.1	Standard	No Exceedance
MW-369	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	18	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-369	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	21	0	CB around T-S line	-1.07	4	Standard	No Exceedance
MW-369	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-369	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	20	5	CI around mean	0.0212	0.14	Background	No Exceedance
MW-369	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-369	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	20	5	CB around T-S line	-0.00666	0.1	Standard	No Exceedance
MW-369	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	21	0	CB around linear reg	6.5/8.1	6.5/11.11	Background/Background	No Exceedance
MW-369	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	20	0	CI around mean	0.376	5	Standard	No Exceedance
MW-369	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	17	59	CB around T-S line	-0.0273	0.05	Standard	No Exceedance
MW-369	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	21	0	CB around T-S line	-73.6	762	Background	No Exceedance
MW-369	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-369	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	21	0	CI around median	726	3,260	Background	No Exceedance
MW-370	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	23	74	CB around T-S line	-0.000389	0.006	Standard	No Exceedance



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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-370	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	26	54	CB around T-S line	0.000139	0.0104	Background	No Exceedance
MW-370	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	26	0	CB around T-S line	0.0241	2	Standard	No Exceedance
MW-370	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-370	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	27	0	CI around median	1.79	2.16	Background	No Exceedance
MW-370	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-370	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	1,380	1,370	Background	Determined
MW-370	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	25	96	CB around T-S line	0.00142	0.1	Standard	No Exceedance
MW-370	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	24	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-370	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	2.97	4	Standard	No Exceedance
MW-370	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	24	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-370	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	26	0	CI around mean	0.13	0.14	Background	No Exceedance
MW-370	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-370	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	26	4	CB around linear reg	0.00644	0.1	Standard	No Exceedance
MW-370	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	27	0	CB around linear reg	7.3/7.6	6.5/11.11	Background/Background	No Exceedance
MW-370	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	26	0	CI around geomean	0.517	5	Standard	No Exceedance
MW-370	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	23	96	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-370	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	248	762	Background	No Exceedance
MW-370	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-370	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	2,940	3,260	Background	No Exceedance
MW-382	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-382	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	20	25	CI around median	0.0011	0.0104	Background	No Exceedance
MW-382	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	20	0	CI around mean	0.0172	2	Standard	No Exceedance
MW-382	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	15	93	CI around median	0.001	0.004	Standard	No Exceedance
MW-382	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	21	0	CI around median	1.72	2.16	Background	No Exceedance
MW-382	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-382	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around mean	34.9	1,370	Background	No Exceedance
MW-382	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	19	10	CB around linear reg	0.00577	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-382	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	18	72	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-382	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around geomean	2.78	4	Standard	No Exceedance
MW-382	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	18	67	CB around T-S line	0.001	0.0075	Standard	No Exceedance
MW-382	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	20	0	CI around mean	0.058	0.14	Background	No Exceedance
MW-382	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-382	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	20	20	CB around T-S line	0.00222	0.1	Standard	No Exceedance
MW-382	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	21	0	CI around mean	7.7/7.9	6.5/11.11	Background/Background	No Exceedance
MW-382	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	20	0	CI around geomean	0.289	5	Standard	No Exceedance
MW-382	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-382	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	354	762	Background	No Exceedance
MW-382	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-382	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	1,060	3,260	Background	No Exceedance
MW-392	UA	E001	Antimony, total	mg/L	10/27/22 - 05/16/23	8	75	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/16/23	8	50	CI around geomean	0.000901	0.0104	Background	No Exceedance
MW-392	UA	E001	Barium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0345	2	Standard	No Exceedance
MW-392	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-392	UA	E001	Boron, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	1.58	2.16	Background	No Exceedance
MW-392	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-392	UA	E001	Chloride, total	mg/L	10/27/22 - 05/16/23	8	0	CI around median	334	1,370	Background	No Exceedance
MW-392	UA	E001	Chromium, total	mg/L	10/27/22 - 05/16/23	8	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	3.63	4	Standard	No Exceedance
MW-392	UA	E001	Lead, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.0075	Standard	No Exceedance
MW-392	UA	E001	Lithium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0497	0.14	Background	No Exceedance
MW-392	UA	E001	Mercury, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-392	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/16/23	8	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E001	pH (field)	SU	10/27/22 - 05/16/23	8	0	CI around mean	7.3/7.9	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  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-392	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/16/23	8	0	CI around mean	0.237	5	Standard	No Exceedance
MW-392	UA	E001	Selenium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-392	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/16/23	8	0	CI around geomean	45.9	762	Background	No Exceedance
MW-392	UA	E001	Thallium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-392	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	1,410	3,260	Background	No Exceedance
MW-393	UA	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	75	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.0104	Background	No Exceedance
MW-393	UA	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around geomean	0.0224	2	Standard	No Exceedance
MW-393	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-393	UA	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1.47	2.16	Background	No Exceedance
MW-393	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-393	UA	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	617	1,370	Background	No Exceedance
MW-393	UA	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-393	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	7.49	4	Standard	Determined
MW-393	UA	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-393	UA	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0519	0.14	Background	No Exceedance
MW-393	UA	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-393	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	38	CI around mean	-0.000199	0.1	Standard	No Exceedance
MW-393	UA	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	7.7/8.4	6.5/11.11	Background/Background	No Exceedance
MW-393	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0868	5	Standard	No Exceedance
MW-393	UA	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-393	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	104	762	Background	No Exceedance
MW-393	UA	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-393	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around median	826	3,260	Background	No Exceedance
MW-394	UA	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	50	CI around mean	0.00085	0.006	Standard	No Exceedance
MW-394	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	25	CI around median	0.001	0.0104	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
MW-394	UA	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0258	2	Standard	No Exceedance
MW-394	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-394	UA	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1.53	2.16	Background	No Exceedance
MW-394	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-394	UA	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	490	1,370	Background	No Exceedance
MW-394	UA	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	50	CI around mean	-6.91e-06	0.1	Standard	No Exceedance
MW-394	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.006	Standard	No Exceedance
MW-394	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	3.25	4	Standard	No Exceedance
MW-394	UA	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.0075	Standard	No Exceedance
MW-394	UA	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0438	0.14	Background	No Exceedance
MW-394	UA	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-394	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.00443	0.1	Standard	No Exceedance
MW-394	UA	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	7.6/8.1	6.5/11.11	Background/Background	No Exceedance
MW-394	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.301	5	Standard	No Exceedance
MW-394	UA	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	88	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-394	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	77.3	762	Background	No Exceedance
MW-394	UA	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-394	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1,770	3,260	Background	No Exceedance
OW-256	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
OW-256	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.01	0.0104	Background	No Exceedance
OW-256	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.102	2	Standard	No Exceedance
OW-256	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
OW-256	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.187	2.16	Background	No Exceedance
OW-256	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
OW-256	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	54	1,370	Background	No Exceedance
OW-256	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
OW-256	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.0015	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
OW-256	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.25	4	Standard	No Exceedance
OW-256	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
OW-256	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.005	0.14	Background	No Exceedance
OW-256	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
OW-256	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
OW-256	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.7/6.7	6.5/11.11	Background/Background	No Exceedance
OW-256	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.717	5	Standard	No Exceedance
OW-256	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
OW-256	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	64	762	Background	No Exceedance
OW-256	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
OW-256	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	514	3,260	Background	No Exceedance
OW-257	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.005	0.006	Standard	No Exceedance
OW-257	PMP	E001R	Antimony, total	mg/L	03/14/23 - 07/10/23	3	67	Most recent sample	0.001	0.006	Standard	No Exceedance
OW-257	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.103	0.0104	Background	Potential
OW-257	PMP	E001R	Arsenic, total	mg/L	03/14/23 - 07/10/23	3	33	Most recent sample	0.01	0.0104	Background	Not Confirmed
OW-257	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.975	2	Standard	No Exceedance
OW-257	PMP	E001R	Barium, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	0.126	2	Standard	No Exceedance
OW-257	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.0097	0.004	Standard	Potential
OW-257	PMP	E001R	Beryllium, total	mg/L	03/14/23 - 07/10/23	3	67	Most recent sample	0.0005	0.004	Standard	Not Confirmed
OW-257	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.49	2.16	Background	No Exceedance
OW-257	PMP	E001R	Boron, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	0.463	2.16	Background	No Exceedance
OW-257	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.0045	0.005	Standard	No Exceedance
OW-257	PMP	E001R	Cadmium, total	mg/L	03/14/23 - 07/10/23	3	67	Most recent sample	0.002	0.005	Standard	No Exceedance
OW-257	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	7	1,370	Background	No Exceedance
OW-257	PMP	E001R	Chloride, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	8	1,370	Background	No Exceedance
OW-257	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.214	0.1	Standard	Potential
OW-257	PMP	E001R	Chromium, total	mg/L	03/14/23 - 07/10/23	3	33	Most recent sample	0.005	0.1	Standard	Not Confirmed

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
OW-257	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.203	0.006	Standard	Potential
OW-257	PMP	E001R	Cobalt, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	0.0032	0.006	Standard	Not Confirmed
OW-257	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.37	4	Standard	No Exceedance
OW-257	PMP	E001R	Fluoride, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	0.44	4	Standard	No Exceedance
OW-257	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.214	0.0075	Standard	Potential
OW-257	PMP	E001R	Lead, total	mg/L	03/14/23 - 07/10/23	3	33	Most recent sample	0.0075	0.0075	Standard	Not Confirmed
OW-257	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.207	0.14	Background	Potential
OW-257	PMP	E001R	Lithium, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	0.0333	0.14	Background	Not Confirmed
OW-257	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
OW-257	PMP	E001R	Mercury, total	mg/L	03/14/23 - 07/10/23	3	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
OW-257	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.01	0.1	Standard	No Exceedance
OW-257	PMP	E001R	Molybdenum, total	mg/L	03/14/23 - 07/10/23	3	67	Most recent sample	0.01	0.1	Standard	No Exceedance
OW-257	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.8/6.8	6.5/11.11	Background/Background	No Exceedance
OW-257	PMP	E001R	pH (field)	SU	03/14/23 - 07/10/23	3	0	Most recent sample	6.8/6.8	6.5/11.11	Background/Background	No Exceedance
OW-257	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	25.3	5	Standard	Potential
OW-257	PMP	E001R	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/10/23	3	0	Most recent sample	1.33	5	Standard	Not Confirmed
OW-257	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
OW-257	PMP	E001R	Selenium, total	mg/L	03/14/23 - 07/10/23	3	100	Most recent sample	0.001	0.05	Standard	No Exceedance
OW-257	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	118	762	Background	No Exceedance
OW-257	PMP	E001R	Sulfate, total	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	115	762	Background	No Exceedance
OW-257	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.002	Standard	Potential
OW-257	PMP	E001R	Thallium, total	mg/L	03/14/23 - 07/10/23	3	100	Most recent sample	0.002	0.002	Standard	Not Confirmed
OW-257	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	1,270	3,260	Background	No Exceedance
OW-257	PMP	E001R	Total Dissolved Solids	mg/L	03/14/23 - 07/10/23	3	0	Most recent sample	710	3,260	Background	No Exceedance
PZ-170	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.001	0.006	Standard	No Exceedance
PZ-170	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.0104	Background	No Exceedance
PZ-170	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0975	2	Standard	No Exceedance

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
PZ-170	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
PZ-170	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.267	2.16	Background	No Exceedance
PZ-170	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
PZ-170	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	35	1,370	Background	No Exceedance
PZ-170	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.005	0.1	Standard	No Exceedance
PZ-170	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0046	0.006	Standard	No Exceedance
PZ-170	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.18	4	Standard	No Exceedance
PZ-170	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0075	0.0075	Standard	No Exceedance
PZ-170	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0291	0.14	Background	No Exceedance
PZ-170	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
PZ-170	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
PZ-170	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.5/6.5	6.5/11.11	Background/Background	No Exceedance
PZ-170	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.181	5	Standard	No Exceedance
PZ-170	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
PZ-170	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	170	762	Background	No Exceedance
PZ-170	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
PZ-170	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	730	3,260	Background	No Exceedance
PZ-182	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.01	0.0104	Background	No Exceedance
PZ-182	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0692	2	Standard	No Exceedance
PZ-182	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.004	Standard	No Exceedance
PZ-182	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.484	2.16	Background	No Exceedance
PZ-182	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.005	Standard	No Exceedance
PZ-182	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	88	1,370	Background	No Exceedance
PZ-182	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.005	0.1	Standard	No Exceedance
PZ-182	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.19	4	Standard	No Exceedance

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

845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 BOTTOM ASH POND  
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Exceedance Type
PZ-182	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.0075	0.0075	Standard	No Exceedance
PZ-182	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0069	0.14	Background	No Exceedance
PZ-182	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.002	Standard	No Exceedance
PZ-182	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.1	Standard	No Exceedance
PZ-182	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.6/6.6	6.5/11.11	Background/Background	No Exceedance
PZ-182	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.925	5	Standard	No Exceedance
PZ-182	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.05	Standard	No Exceedance
PZ-182	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	254	762	Background	No Exceedance
PZ-182	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002	Standard	No Exceedance
PZ-182	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	1,120	3,260	Background	No Exceedance

**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

UU = Upper Unit

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: 6/20/2023 | DESIGNER: GALARNMIC  
 Y:\Mapping\Projects\2212285\MXD\845\_Operating\_Permit\Baldwin\BAP\2023\_Update\GMP\Figure 2-1\_BAL BAP Proposed Monitoring Well Network.mxd



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

-  BACKGROUND WELL
-  COMPLIANCE WELL
-  PORE WATER WELL
-  REGULATED UNIT (SUBJECT UNIT)
-  FLY ASH POND SYSTEM (CLOSED)
-  SITE FEATURE
-  CAPPED AREA
-  PROPERTY BOUNDARY



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

**BOTTOM ASH POND**  
 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  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-192	Compliance	05/16/2023	19.19	417.75
MW-193	Compliance	05/15/2023	9.94	428.12
MW-304	Background	05/16/2023	9.60	445.89
MW-306	Background	05/16/2023	14.67	438.50
MW-356	Compliance	05/16/2023	4.47	423.13
MW-358	Background	05/19/2023	[42.92]	[412.81]
MW-369	Compliance	05/16/2023	10.39	412.32
MW-370	Compliance	05/16/2023	18.24	402.61
MW-382	Compliance	05/16/2023	16.14	415.05
MW-392	Compliance	05/16/2023	8.58	428.44
MW-393	Compliance	05/15/2023	8.21	429.65
MW-394	Compliance	05/15/2023	6.27	432.02
OW-257	Compliance	05/16/2023	5.20	425.81
PZ-170	Compliance	05/16/2023	15.12	406.31
PZ-182	Compliance	05/16/2023	2.01	429.59
XPW01	Water Level	05/16/2023	10.32	427.33

**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](mailto:ehurley@teklabinc.com)





## Report Contents

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**This reporting package includes the following:**

Cover Letter	1
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Sample Summary	74
Dates Report	76
Quality Control Results	111
Receiving Check List	197
Chain of Custody	Appended

## Definitions

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

**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

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Cooler Receipt Temp:** 9.0 °C

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

TPZ-159 date/time of measurement per field file. EAH 6/6/23

BAL\_845\_601 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

**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:** 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

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-001	<b>Client Sample ID:</b> BAL_MW-104#SR
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/22/2023 11:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>10.25</b>	ft	1	05/22/2023 11:51	R329281



## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-002 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_MW-104&DR <b>Collection Date:</b> 05/22/2023 11:33
------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>10.28</b>	ft	1	05/22/2023 11:33	R329281



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-009  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-158!R  
Collection Date: 05/19/2023 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		6.23	ft	1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		43	NTU	1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		175	mV	1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		903	µS/cm	1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.8	°C	1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.74	mg/L	1	05/19/2023 10:55	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.59		1	05/19/2023 10:55	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		287	mg/L	1	05/22/2023 10:09	R329134
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/22/2023 10:09	R329134
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		505	mg/L	2.5	05/23/2023 12:00	R329292
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		120	mg/L	5	05/25/2023 3:33	R329312
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.60	mg/L	1	05/22/2023 9:47	R329119
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		58	mg/L	10	05/21/2023 16:02	R329126
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 20:00	206421
Barium	NELAP	0.0007	0.0025		1.28	mg/L	1	05/26/2023 20:00	206421
Beryllium	NELAP	0.0002	0.0005		0.0015	mg/L	1	05/26/2023 20:00	206421
Boron	NELAP	0.0090	0.0200		0.0666	mg/L	1	05/26/2023 20:00	206421
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 20:00	206421
Calcium	NELAP	0.0350	0.100	S	70.6	mg/L	1	05/26/2023 20:00	206421
Chromium	NELAP	0.0028	0.0050		0.0319	mg/L	1	05/26/2023 20:00	206421
Lead	NELAP	0.0040	0.0075		0.0145	mg/L	1	05/26/2023 20:00	206421
Lithium	NELAP	0.0019	0.0050		0.0244	mg/L	1	05/26/2023 20:00	206421
Magnesium	NELAP	0.0055	0.0500	S	36.0	mg/L	1	05/31/2023 10:26	206421
Molybdenum	NELAP	0.0037	0.010	J	0.0044	mg/L	1	05/26/2023 20:00	206421
Potassium	NELAP	0.0400	0.100		3.70	mg/L	1	05/31/2023 10:26	206421
Sodium	NELAP	0.0180	0.0500	BS	98.6	mg/L	1	05/31/2023 10:26	206421
<i>Sample result for Na 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>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/26/2023 8:44	206614
Cobalt	NELAP	0.0001	0.0010		0.0059	mg/L	5	05/23/2023 12:01	206421
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/23/2023 12:01	206421
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/23/2023 12:01	206421





## Laboratory Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

Lab ID: 23050523-009

Client Sample ID: BAL\_MW-158!R

Matrix: GROUNDWATER

Collection Date: 05/19/2023 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00009	0.00020		< 0.00020	mg/L	1	05/22/2023 14:21	206426



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-010  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-192  
Collection Date: 05/16/2023 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.25	ft	1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		9.2	NTU	1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-72	mV	1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		809	µS/cm	1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.1	°C	1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.09	mg/L	1	05/16/2023 10:37	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.48		1	05/16/2023 10:37	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		387	mg/L	1	05/18/2023 10:45	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 10:45	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		450	mg/L	2.5	05/18/2023 9:15	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		25	mg/L	1	05/18/2023 12:29	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.42	mg/L	1	05/18/2023 12:04	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		26	mg/L	1	05/18/2023 12:30	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:45	206278
Barium	NELAP	0.0007	0.0025		0.120	mg/L	1	05/22/2023 12:45	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 23:19	206278
Boron	NELAP	0.0090	0.0200		0.0227	mg/L	1	05/22/2023 12:45	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 12:45	206278
Calcium	NELAP	0.0350	0.100		69.7	mg/L	1	05/22/2023 12:45	206278
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 12:45	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:45	206278
Lithium	NELAP	0.0019	0.0050	B	< 0.0050	mg/L	1	05/26/2023 13:50	206278
Magnesium	NELAP	0.0055	0.0500		29.9	mg/L	1	05/22/2023 12:45	206278
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 12:45	206278
Potassium	NELAP	0.0595	0.100		0.728	mg/L	1	05/22/2023 23:19	206278
Sodium	NELAP	0.0180	0.0500		61.9	mg/L	1	05/22/2023 12:45	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>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 18:51	206278
Cobalt	NELAP	0.0003	0.0010		0.0023	mg/L	5	05/18/2023 18:51	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 18:51	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 18:51	206278



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-010	<b>Client Sample ID:</b> BAL_MW-192
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/16/2023 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
<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>									
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:16	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-011  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-193  
Collection Date: 05/15/2023 14:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		9.94	ft	1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.0	NTU	1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-28	mV	1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		974	µS/cm	1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.2	°C	1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.61	mg/L	1	05/15/2023 14:56	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.78		1	05/15/2023 14:56	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		294	mg/L	1	05/18/2023 10:51	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 10:51	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		582	mg/L	1	05/18/2023 9:16	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		153	mg/L	5	05/18/2023 12:51	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.24	mg/L	1	05/18/2023 12:06	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		37	mg/L	5	05/18/2023 12:52	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/20/2023 0:13	206255
Barium	NELAP	0.0007	0.0025		0.0832	mg/L	1	05/20/2023 0:13	206255
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/20/2023 0:13	206255
Boron	NELAP	0.0090	0.0200		0.0395	mg/L	1	05/20/2023 0:13	206255
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/20/2023 0:13	206255
Calcium	NELAP	0.0350	0.100	S	92.3	mg/L	1	05/20/2023 0:13	206255
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/20/2023 0:13	206255
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 14:57	206255
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/22/2023 14:57	206255
Magnesium	NELAP	0.0055	0.0500	S	34.1	mg/L	1	05/20/2023 0:13	206255
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/20/2023 0:13	206255
Potassium	NELAP	0.0400	0.100		0.580	mg/L	1	05/20/2023 0:13	206255
Sodium	NELAP	0.0180	0.0500	S	79.9	mg/L	1	05/20/2023 0:13	206255
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010	S	< 0.0010	mg/L	5	05/17/2023 18:34	206255
Cobalt	NELAP	0.0001	0.0010	JS	0.0005	mg/L	5	05/17/2023 18:34	206255
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 22:48	206255
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/17/2023 18:34	206255
<i>Matrix spike recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable.</i>									



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-011	<b>Client Sample ID:</b> BAL_MW-193
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/15/2023 14:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/17/2023 12:43	206267



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-012  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-194  
Collection Date: 05/15/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		7.47	ft	1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		5.0	NTU	1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		98	mV	1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		876	µS/cm	1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.9	°C	1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.82	mg/L	1	05/15/2023 13:09	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.51		1	05/15/2023 13:09	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		320	mg/L	1	05/18/2023 11:08	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 11:08	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		520	mg/L	1	05/18/2023 9:16	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		102	mg/L	5	05/18/2023 13:23	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.28	mg/L	1	05/18/2023 12:08	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		30	mg/L	1	05/18/2023 13:18	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/20/2023 0:42	206255
Barium	NELAP	0.0007	0.0025		0.162	mg/L	1	05/20/2023 0:42	206255
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/20/2023 0:42	206255
Boron	NELAP	0.0090	0.020	J	0.011	mg/L	1	05/20/2023 0:42	206255
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/20/2023 0:42	206255
Calcium	NELAP	0.0350	0.100		83.5	mg/L	1	05/20/2023 0:42	206255
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/20/2023 0:42	206255
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 15:20	206255
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/22/2023 15:20	206255
Magnesium	NELAP	0.0055	0.0500		34.1	mg/L	1	05/20/2023 0:42	206255
Molybdenum	NELAP	0.0037	0.010	J	0.0045	mg/L	1	05/20/2023 0:42	206255
Potassium	NELAP	0.0400	0.100		0.777	mg/L	1	05/20/2023 0:42	206255
Sodium	NELAP	0.0180	0.0500		58.9	mg/L	1	05/20/2023 0:42	206255
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/17/2023 18:28	206255
Cobalt	NELAP	0.0001	0.0010		0.0039	mg/L	5	05/17/2023 18:28	206255
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 22:26	206255
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/17/2023 18:28	206255



### Laboratory Results

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

Client: Ramboll Work Order: 23050523  
 Client Project: BAL-23Q2 Report Date: 19-Jun-23  
 Lab ID: 23050523-012 Client Sample ID: BAL\_MW-194  
 Matrix: GROUNDWATER Collection Date: 05/15/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/17/2023 12:45	206267



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-013  
Matrix: GROUNDWATER

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

Client Sample ID: BAL\_MW-203

Collection Date: 05/23/2023 18:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		19.15	ft	1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-25	mV	1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		920	µS/cm	1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.5	°C	1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.78	mg/L	1	05/23/2023 18:44	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.60		1	05/23/2023 18:44	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		326	mg/L	1	05/26/2023 9:25	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 9:25	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		688	mg/L	1	05/27/2023 8:42	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		132	mg/L	10	05/25/2023 15:42	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.36	mg/L	1	05/26/2023 12:00	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		103	mg/L	10	05/25/2023 15:42	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 20:21	206553
Barium	NELAP	0.0007	0.0025		0.122	mg/L	1	05/25/2023 20:21	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 20:21	206553
Boron	NELAP	0.0090	0.0200		0.510	mg/L	1	05/26/2023 21:37	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 20:21	206553
Calcium	NELAP	0.0360	0.100		43.4	mg/L	1	05/25/2023 20:21	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 20:21	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 20:21	206553
Lithium	NELAP	0.0019	0.0050		0.0256	mg/L	1	05/25/2023 20:21	206553
Magnesium	NELAP	0.0055	0.0500		17.8	mg/L	1	05/25/2023 20:21	206553
Molybdenum	NELAP	0.0037	0.0100		0.0142	mg/L	1	05/25/2023 20:21	206553
Potassium	NELAP	0.0400	0.100		1.83	mg/L	1	05/25/2023 20:21	206553
Sodium	NELAP	0.0180	0.0500		191	mg/L	1	05/25/2023 20:21	206553
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 9:41	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/27/2023 9:41	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 9:41	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 9:41	206553





## Laboratory Results

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

**Client:** Ramboll  
**Client Project:** BAL-23Q2  
**Lab ID:** 23050523-013  
**Matrix:** GROUNDWATER

**Work Order:** 23050523  
**Report Date:** 19-Jun-23  
**Client Sample ID:** BAL\_MW-203  
**Collection Date:** 05/23/2023 18:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:37	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-014  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-204  
Collection Date: 05/23/2023 18:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		15.68	ft	1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.8	NTU	1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-113	mV	1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		970	µS/cm	1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.7	°C	1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.85	mg/L	1	05/23/2023 18:11	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.67		1	05/23/2023 18:11	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		514	mg/L	1	05/26/2023 9:31	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 9:31	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		740	mg/L	1	05/27/2023 8:43	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		48	mg/L	1	05/25/2023 15:44	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.32	mg/L	1	05/26/2023 12:05	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		63	mg/L	10	05/25/2023 15:50	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 20:25	206553
Barium	NELAP	0.0007	0.0025		0.0922	mg/L	1	05/25/2023 20:25	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 20:25	206553
Boron	NELAP	0.0090	0.0200		0.754	mg/L	1	05/26/2023 21:41	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 20:25	206553
Calcium	NELAP	0.0360	0.100	S	43.4	mg/L	1	05/25/2023 20:25	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 20:25	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 20:25	206553
Lithium	NELAP	0.0019	0.0050		0.0447	mg/L	1	05/25/2023 20:25	206553
Magnesium	NELAP	0.0055	0.0500	S	14.9	mg/L	1	05/25/2023 20:25	206553
Molybdenum	NELAP	0.0037	0.010	J	0.0075	mg/L	1	05/25/2023 20:25	206553
Potassium	NELAP	0.0400	0.100		2.67	mg/L	1	05/25/2023 20:25	206553
Sodium	NELAP	0.0180	0.0500	S	226	mg/L	1	05/25/2023 20:25	206553
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		0.0036	mg/L	5	05/27/2023 10:12	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/27/2023 10:12	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 10:12	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 10:12	206553



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-014	<b>Client Sample ID:</b> BAL_MW-204
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/23/2023 18:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:39	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-017  
Matrix: GROUNDWATER

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

Client Sample ID: BAL\_MW-258

Collection Date: 05/19/2023 12:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		12.94	ft	1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		5.4	NTU	1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-157	mV	1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1340	µS/cm	1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.9	°C	1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.42	mg/L	1	05/19/2023 12:10	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		8.34		1	05/19/2023 12:10	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		617	mg/L	1	05/22/2023 10:23	R329134
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		36	mg/L	1	05/22/2023 10:23	R329134
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		788	mg/L	1	05/23/2023 12:00	R329292
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		< 10	mg/L	1	05/21/2023 16:12	R329116
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		2.88	mg/L	1	05/22/2023 9:48	R329119
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		47	mg/L	1	05/21/2023 16:13	R329126
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 19:31	206421
Barium	NELAP	0.0007	0.0025		0.0644	mg/L	1	05/26/2023 19:31	206421
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 19:31	206421
Boron	NELAP	0.0090	0.0200		1.23	mg/L	1	05/26/2023 19:31	206421
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 19:31	206421
Calcium	NELAP	0.0350	0.100		4.65	mg/L	1	05/26/2023 19:31	206421
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/26/2023 19:31	206421
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/26/2023 19:31	206421
Lithium	NELAP	0.0019	0.0050		0.0320	mg/L	1	05/26/2023 19:31	206421
Magnesium	NELAP	0.0055	0.0500		2.14	mg/L	1	05/26/2023 19:31	206421
Molybdenum	NELAP	0.0037	0.0100		0.0283	mg/L	1	05/26/2023 19:31	206421
Potassium	NELAP	0.0400	0.100		1.64	mg/L	1	05/26/2023 19:31	206421
Sodium	NELAP	0.0180	0.0500	B	370	mg/L	1	05/26/2023 19:31	206421
<i>Sample result for Na exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/23/2023 11:34	206421
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/23/2023 11:34	206421
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/23/2023 11:34	206421
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/23/2023 11:34	206421



## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-017 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_MW-258 <b>Collection Date:</b> 05/19/2023 12:10
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Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00009	0.00020		< 0.00020	mg/L	1	05/22/2023 14:23	206426



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		9.53	ft	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		116	mV	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.2	°C	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/22/2023 10:41	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.51		1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		836	mg/L	1	05/26/2023 9:38	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 9:38	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1420	mg/L	1	05/24/2023 13:20	R329344
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		208	mg/L	10	05/25/2023 16:11	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.72	mg/L	1	05/26/2023 12:12	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		162	mg/L	10	05/25/2023 16:12	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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

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

**Client:** Ramboll **Work Order:** 23050523  
**Client Project:** BAL-23Q2 **Report Date:** 19-Jun-23  
**Lab ID:** 23050523-018 **Client Sample ID:** BAL\_MW-304  
**Matrix:** GROUNDWATER **Collection Date:** 05/22/2023 10:41

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



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		17.11	ft	1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-30	mV	1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		490	µS/cm	1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.4	°C	1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.30	mg/L	1	05/23/2023 16:11	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		11.1		1	05/23/2023 16:11	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 9:57	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		58	mg/L	1	05/26/2023 9:57	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		300	mg/L	1	05/27/2023 8:43	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		46	mg/L	1	05/25/2023 16:13	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.54	mg/L	1	05/26/2023 12:14	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		53	mg/L	10	05/25/2023 16:20	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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

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

Client: Ramboll  
Client Project: BAL-23Q2

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

Lab ID: 23050523-019

Client Sample ID: BAL\_MW-306

Matrix: GROUNDWATER

Collection Date: 05/23/2023 16:11

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



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-020  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-307  
Collection Date: 05/23/2023 17:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		6.53	ft	1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		5.1	NTU	1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-63	mV	1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2430	µS/cm	1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.0	°C	1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.87	mg/L	1	05/23/2023 17:08	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		12.0		1	05/23/2023 17:08	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 10:11	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		74	mg/L	1	05/26/2023 10:11	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		870	mg/L	1	05/27/2023 8:43	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10	S	45	mg/L	1	05/25/2023 16:25	R329383
<i>Matrix spike did not recover within control limits due to matrix interference.</i>									
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.43	mg/L	1	05/26/2023 12:15	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		191	mg/L	10	05/25/2023 16:36	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 20:40	206553
Barium	NELAP	0.0007	0.0025		0.0911	mg/L	1	05/25/2023 20:40	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 20:40	206553
Boron	NELAP	0.0090	0.0200		0.690	mg/L	1	05/26/2023 21:56	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 20:40	206553
Calcium	NELAP	0.0360	0.100		134	mg/L	1	05/25/2023 20:40	206553
Chromium	NELAP	0.0028	0.0050		0.0107	mg/L	1	05/25/2023 20:40	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 20:40	206553
Lithium	NELAP	0.0019	0.0050		0.0592	mg/L	1	05/25/2023 20:40	206553
Magnesium	NELAP	0.0055	0.0500		0.648	mg/L	1	05/25/2023 20:40	206553
Molybdenum	NELAP	0.0037	0.010	J	0.0069	mg/L	1	05/25/2023 20:40	206553
Potassium	NELAP	0.0400	0.100		2.81	mg/L	1	05/25/2023 20:40	206553
Sodium	NELAP	0.0180	0.0500		238	mg/L	1	05/25/2023 20:40	206553
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		0.0030	mg/L	5	05/27/2023 9:54	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/27/2023 9:54	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 9:54	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 9:54	206553



## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-020 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_MW-307 <b>Collection Date:</b> 05/23/2023 17:08
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Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:44	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-024  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-356  
Collection Date: 05/16/2023 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		4.23	ft	1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		9.6	NTU	1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		5	mV	1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1170	µS/cm	1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.3	°C	1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.60	mg/L	1	05/16/2023 12:29	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.69		1	05/16/2023 12:29	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		536	mg/L	1	05/18/2023 11:15	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 11:15	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		688	mg/L	1	05/18/2023 9:17	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		44	mg/L	1	05/18/2023 13:25	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.97	mg/L	1	05/18/2023 12:09	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		31	mg/L	1	05/18/2023 13:26	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:46	206278
Barium	NELAP	0.0007	0.0025		0.0326	mg/L	1	05/22/2023 12:46	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 23:22	206278
Boron	NELAP	0.0090	0.0200		2.01	mg/L	1	05/22/2023 12:46	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 12:46	206278
Calcium	NELAP	0.0350	0.100		11.5	mg/L	1	05/22/2023 12:46	206278
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 12:46	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:46	206278
Lithium	NELAP	0.0019	0.0050		0.0548	mg/L	1	05/31/2023 13:46	206685
Magnesium	NELAP	0.0055	0.0500		7.10	mg/L	1	05/22/2023 12:46	206278
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 12:46	206278
Potassium	NELAP	0.0595	0.100		2.94	mg/L	1	05/22/2023 23:22	206278
Sodium	NELAP	0.0180	0.0500		277	mg/L	1	05/22/2023 12:46	206278
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 19:34	206278
Cobalt	NELAP	0.0003	0.0010		< 0.0010	mg/L	5	05/18/2023 19:34	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 19:34	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 19:34	206278
<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>									



## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-024 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_MW-356 <b>Collection Date:</b> 05/16/2023 12:29
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Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 9:22	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-025  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-358  
Collection Date: 05/19/2023 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		42.92	ft	1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.8	NTU	1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-91	mV	1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		5640	µS/cm	1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		18.2	°C	1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.20	mg/L	1	05/19/2023 11:28	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.62		1	05/19/2023 11:28	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		817	mg/L	1	05/22/2023 10:44	R329134
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		18	mg/L	1	05/22/2023 10:44	R329134
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		3040	mg/L	1	05/23/2023 12:01	R329292
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	12	20		< 20	mg/L	2	05/28/2023 0:07	R329494
<i>Elevated reporting limit due to matrix interference.</i>									
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		3.31	mg/L	1	05/22/2023 9:50	R329119
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	25	200		1300	mg/L	50	05/25/2023 3:49	R329334
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/26/2023 20:11	206421
Barium	NELAP	0.0007	0.0025		0.192	mg/L	1	05/26/2023 20:11	206421
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 20:11	206421
Boron	NELAP	0.0090	0.0200		1.60	mg/L	1	05/26/2023 20:11	206421
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/26/2023 20:11	206421
Calcium	NELAP	0.0350	0.100		12.5	mg/L	1	05/26/2023 20:11	206421
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/26/2023 20:11	206421
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/26/2023 20:11	206421
Lithium	NELAP	0.0019	0.0050		0.0778	mg/L	1	05/26/2023 20:11	206421
Magnesium	NELAP	0.0055	0.0500		6.07	mg/L	1	05/31/2023 10:45	206421
Molybdenum	NELAP	0.0037	0.0100		0.0139	mg/L	1	05/26/2023 20:11	206421
Potassium	NELAP	0.0400	0.100		4.48	mg/L	1	05/26/2023 20:11	206421
Sodium	NELAP	1.80	5.00	B	1260	mg/L	100	05/31/2023 10:41	206421
<i>Sample results for Na and Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/23/2023 11:39	206421
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	05/23/2023 11:39	206421
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/23/2023 11:39	206421
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/23/2023 11:39	206421



### Laboratory Results

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

Client: Ramboll Work Order: 23050523  
 Client Project: BAL-23Q2 Report Date: 19-Jun-23  
 Lab ID: 23050523-025 Client Sample ID: BAL\_MW-358  
 Matrix: GROUNDWATER Collection Date: 05/19/2023 11:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00009	0.00020		< 0.00020	mg/L	1	05/22/2023 14:26	206426



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-027  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-369  
Collection Date: 05/16/2023 15:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		10.39	ft	1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.3	NTU	1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-21	mV	1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1210	µS/cm	1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.2	°C	1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.61	mg/L	1	05/16/2023 15:03	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.02		1	05/16/2023 15:03	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		475	mg/L	1	05/18/2023 12:51	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 12:51	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		720	mg/L	1	05/18/2023 9:17	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		111	mg/L	5	05/18/2023 13:47	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.54	mg/L	1	05/18/2023 12:34	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		66	mg/L	5	05/18/2023 13:48	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:59	206278
Barium	NELAP	0.0007	0.0025		0.132	mg/L	1	05/22/2023 12:59	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/22/2023 23:52	206278
Boron	NELAP	0.0090	0.0200		0.232	mg/L	1	05/22/2023 12:59	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 12:59	206278
Calcium	NELAP	0.0350	0.100	S	124	mg/L	1	05/22/2023 12:59	206278
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 12:59	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:59	206278
Lithium	NELAP	0.0019	0.0050	JB	0.0024	mg/L	1	05/22/2023 23:52	206278
Magnesium	NELAP	0.0055	0.0500		39.9	mg/L	1	05/22/2023 12:59	206278
Molybdenum	NELAP	0.0037	0.010	J	0.0054	mg/L	1	05/22/2023 12:59	206278
Potassium	NELAP	0.0400	0.100		3.42	mg/L	1	05/22/2023 23:52	206278
Sodium	NELAP	0.0180	0.0500	S	99.1	mg/L	1	05/22/2023 12:59	206278
Contamination present in the MBLK for Li. Sample results below the reporting limit are reportable per the TNI Standard.									
CCV recovered outside the upper control limits for Be. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
Matrix spike control limits for are not applicable due to high sample/spike ratio.									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 18:56	206278
Cobalt	NELAP	0.0003	0.0010		0.0021	mg/L	5	05/18/2023 18:56	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 18:56	206278





## Laboratory Results

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

Client: Ramboll Work Order: 23050523  
 Client Project: BAL-23Q2 Report Date: 19-Jun-23  
 Lab ID: 23050523-027 Client Sample ID: BAL\_MW-369  
 Matrix: GROUNDWATER Collection Date: 05/16/2023 15:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 18:56	206278
<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>									
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:28	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-028  
Matrix: GROUNDWATER

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

Client Sample ID: BAL\_MW-370

Collection Date: 05/16/2023 14:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		18.10	ft	1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		1.5	NTU	1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		36	mV	1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		5460	µS/cm	1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.7	°C	1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/16/2023 14:24	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.47		1	05/16/2023 14:24	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		399	mg/L	1	05/18/2023 11:30	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 11:30	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		2940	mg/L	1	05/18/2023 10:12	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		253	mg/L	10	05/19/2023 23:08	R329097
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		3.07	mg/L	1	05/18/2023 12:13	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	25	200		1360	mg/L	50	05/19/2023 12:16	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:47	206278
Barium	NELAP	0.0007	0.0025		0.0321	mg/L	1	05/22/2023 12:47	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/26/2023 17:24	206278
Boron	NELAP	0.0090	0.0200		1.85	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		37.0	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		0.120	mg/L	1	05/31/2023 13:50	206685
Magnesium	NELAP	0.0055	0.0500		21.7	mg/L	1	05/22/2023 12:47	206278
Molybdenum	NELAP	0.0037	0.010	J	0.0062	mg/L	1	05/22/2023 12:47	206278
Potassium	NELAP	0.0400	0.100		6.70	mg/L	1	05/23/2023 16:28	206278
Sodium	NELAP	0.0900	0.250		1160	mg/L	5	05/23/2023 16:27	206278
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 19:45	206278
Cobalt	NELAP	0.0003	0.0010	J	0.0004	mg/L	5	05/18/2023 19:45	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 19:45	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 19:45	206278
<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>									



### Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-028	<b>Client Sample ID:</b> BAL_MW-370
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/16/2023 14:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:30	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-031  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-382  
Collection Date: 05/16/2023 15:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		16.14	ft	1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		44	NTU	1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		49	mV	1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1840	µS/cm	1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.4	°C	1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.12	mg/L	1	05/16/2023 15:42	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.72		1	05/16/2023 15:42	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		460	mg/L	1	05/18/2023 12:21	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		7	mg/L	1	05/18/2023 12:21	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1170	mg/L	1	05/18/2023 10:12	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		391	mg/L	10	05/19/2023 23:14	R329097
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		2.75	mg/L	1	05/18/2023 12:36	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		42	mg/L	1	05/18/2023 14:14	R329023
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 12:48	206278
Barium	NELAP	0.0007	0.0025		0.0268	mg/L	1	05/22/2023 12:48	206278
Beryllium	NELAP	0.0002	0.0005		0.0005	mg/L	1	05/26/2023 14:44	206278
Boron	NELAP	0.0090	0.0200		1.75	mg/L	1	05/22/2023 12:48	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 12:48	206278
Calcium	NELAP	0.0350	0.100		27.0	mg/L	1	05/22/2023 12:48	206278
Chromium	NELAP	0.0028	0.0050		0.0093	mg/L	1	05/22/2023 12:48	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:48	206278
Lithium	NELAP	0.0019	0.0050		0.0573	mg/L	1	05/31/2023 13:54	206685
Magnesium	NELAP	0.0055	0.0500		11.7	mg/L	1	05/22/2023 12:48	206278
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 12:48	206278
Potassium	NELAP	0.0400	0.100		5.34	mg/L	1	05/23/2023 0:03	206278
Sodium	NELAP	0.0180	0.0500		431	mg/L	1	05/22/2023 12:48	206278
<i>Sample result for Si exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 19:50	206278
Cobalt	NELAP	0.0003	0.0010		0.0045	mg/L	5	05/18/2023 19:50	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 19:50	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 19:50	206278
<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>									



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-031	<b>Client Sample ID:</b> BAL_MW-382
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/16/2023 15:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:32	206322



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-032

**Client Sample ID:** BAL\_MW-383

**Matrix:** GROUNDWATER

**Collection Date:** 05/22/2023 14:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>19.16</b>	ft	1	05/22/2023 14:28	R329281



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-033

**Client Sample ID:** BAL\_MW-384

**Matrix:** GROUNDWATER

**Collection Date:** 05/22/2023 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		14.69	ft	1	05/22/2023 13:43	R329281



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-034

**Client Sample ID:** BAL\_MW-390

**Matrix:** GROUNDWATER

**Collection Date:** 05/17/2023 15:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>6.20</b>	ft	1	05/17/2023 15:25	R329281





## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-036  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-392  
Collection Date: 05/16/2023 11:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.58	ft	1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		6.0	NTU	1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-121	mV	1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		3560	µS/cm	1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.5	°C	1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.67	mg/L	1	05/16/2023 11:31	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.54		1	05/16/2023 11:31	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		372	mg/L	1	05/22/2023 15:58	R329134
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/22/2023 15:58	R329134
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1830	mg/L	1	05/18/2023 10:13	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		63	mg/L	5	05/18/2023 23:25	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		4.07	mg/L	1	05/18/2023 12:15	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		827	mg/L	20	05/28/2023 1:06	R329548
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/22/2023 13:02	206278
Barium	NELAP	0.0007	0.0025		0.0414	mg/L	1	05/22/2023 13:02	206278
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/23/2023 0:07	206278
Boron	NELAP	0.0090	0.0200		1.92	mg/L	1	05/22/2023 13:02	206278
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/22/2023 13:02	206278
Calcium	NELAP	0.0350	0.100		25.6	mg/L	1	05/22/2023 13:02	206278
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/22/2023 13:02	206278
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 13:02	206278
Lithium	NELAP	0.0019	0.0050		0.0675	mg/L	1	05/31/2023 13:57	206685
Magnesium	NELAP	0.0055	0.0500		15.5	mg/L	1	05/22/2023 13:02	206278
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/22/2023 13:02	206278
Potassium	NELAP	0.0400	0.100		5.12	mg/L	1	05/23/2023 0:07	206278
Sodium	NELAP	0.0360	0.100		749	mg/L	2	05/23/2023 16:29	206278
<i>CCV recovered outside the upper control limits for Be. Sample results are below the reporting limit. Data is 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>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/18/2023 19:55	206278
Cobalt	NELAP	0.0003	0.0010	J	0.0003	mg/L	5	05/18/2023 19:55	206278
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 19:55	206278
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/18/2023 19:55	206278



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-036	<b>Client Sample ID:</b> BAL_MW-392
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/16/2023 11:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
<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>									
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:44	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-037  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-393  
Collection Date: 05/15/2023 15:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.21	ft	1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		ND	mV	1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		4210	µS/cm	1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.7	°C	1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.12	mg/L	1	05/15/2023 15:43	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		8.28		1	05/15/2023 15:43	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		880	mg/L	1	05/18/2023 12:27	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		34	mg/L	1	05/18/2023 12:27	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		2290	mg/L	1	05/18/2023 10:13	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		123	mg/L	5	05/18/2023 14:27	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.37	1.00		8.42	mg/L	10	05/18/2023 12:27	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		745	mg/L	20	05/19/2023 13:07	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/20/2023 0:46	206255
Barium	NELAP	0.0007	0.0025		0.0261	mg/L	1	05/20/2023 0:46	206255
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/20/2023 0:46	206255
Boron	NELAP	0.0090	0.0200		1.72	mg/L	1	05/20/2023 0:46	206255
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/20/2023 0:46	206255
Calcium	NELAP	0.0350	0.100		8.41	mg/L	1	05/20/2023 0:46	206255
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/20/2023 0:46	206255
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 12:37	206255
Lithium	NELAP	0.0019	0.0050		0.0442	mg/L	1	05/22/2023 12:37	206255
Magnesium	NELAP	0.0055	0.0500		4.17	mg/L	1	05/20/2023 0:46	206255
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/20/2023 0:46	206255
Potassium	NELAP	0.0400	0.100		3.23	mg/L	1	05/20/2023 0:46	206255
Sodium	NELAP	1.80	5.00		769	mg/L	100	05/22/2023 12:33	206255
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	05/17/2023 19:13	206255
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	05/17/2023 19:13	206255
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 22:32	206255
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/17/2023 19:13	206255



### Laboratory Results

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

Client: Ramboll Work Order: 23050523  
 Client Project: BAL-23Q2 Report Date: 19-Jun-23  
 Lab ID: 23050523-037 Client Sample ID: BAL\_MW-393  
 Matrix: GROUNDWATER Collection Date: 05/15/2023 15:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020	J	<b>0.00014</b>	mg/L	1	05/18/2023 8:52	206267



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-038  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_MW-394  
Collection Date: 05/15/2023 13:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		6.27	ft	1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-286	mV	1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		4090	µS/cm	1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.7	°C	1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.60	mg/L	1	05/15/2023 13:53	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		8.08		1	05/15/2023 13:53	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		684	mg/L	1	05/18/2023 12:36	R329009
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/18/2023 12:36	R329009
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1970	mg/L	1	05/18/2023 10:13	R329081
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		215	mg/L	5	05/18/2023 14:34	R329045
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		4.13	mg/L	1	05/18/2023 12:33	R329012
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		614	mg/L	20	05/19/2023 13:12	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/20/2023 0:50	206255
Barium	NELAP	0.0007	0.0025		0.0315	mg/L	1	05/20/2023 0:50	206255
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/20/2023 0:50	206255
Boron	NELAP	0.0090	0.0200		1.72	mg/L	1	05/20/2023 0:50	206255
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/20/2023 0:50	206255
Calcium	NELAP	0.0350	0.100		20.8	mg/L	1	05/20/2023 0:50	206255
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/20/2023 0:50	206255
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 15:27	206255
Lithium	NELAP	0.0019	0.0050		0.0373	mg/L	1	05/22/2023 15:27	206255
Magnesium	NELAP	0.0055	0.0500		8.90	mg/L	1	05/20/2023 0:50	206255
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/20/2023 0:50	206255
Potassium	NELAP	0.0400	0.100		3.63	mg/L	1	05/20/2023 0:50	206255
Sodium	NELAP	1.80	5.00		812	mg/L	100	05/22/2023 15:24	206255
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	05/17/2023 19:19	206255
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	05/17/2023 19:19	206255
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/18/2023 22:37	206255
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/17/2023 19:19	206255



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-038	<b>Client Sample ID:</b> BAL_MW-394
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/15/2023 13:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/17/2023 12:54	206267



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-039

**Client Sample ID:** BAL\_OW-156

**Matrix:** GROUNDWATER

**Collection Date:** 05/16/2023 12:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>6.22</b>	ft	1	05/16/2023 12:47	R329281



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-040

**Client Sample ID:** BAL\_OW-157

**Matrix:** GROUNDWATER

**Collection Date:** 05/16/2023 16:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		6.05	ft	1	05/16/2023 16:15	R329281





## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-041  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_OW-256  
Collection Date: 05/17/2023 11:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		7.50	ft	1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		5.4	NTU	1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		0	mV	1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		901	µS/cm	1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.5	°C	1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	05/17/2023 11:16	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.67		1	05/17/2023 11:16	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		311	mg/L	1	05/19/2023 12:34	R329075
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/19/2023 12:34	R329075
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		514	mg/L	1	05/22/2023 10:30	R329213
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		64	mg/L	5	05/21/2023 17:21	R329116
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.25	mg/L	1	05/19/2023 11:56	R329066
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		54	mg/L	10	05/19/2023 13:20	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/19/2023 23:24	206326
Barium	NELAP	0.0007	0.0025		0.102	mg/L	1	05/19/2023 23:24	206326
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/19/2023 23:24	206326
Boron	NELAP	0.0090	0.0200		0.187	mg/L	1	05/19/2023 23:24	206326
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/19/2023 23:24	206326
Calcium	NELAP	0.0350	0.100		86.9	mg/L	1	05/19/2023 23:24	206326
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/19/2023 23:24	206326
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:46	206326
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/26/2023 20:45	206326
Magnesium	NELAP	0.0055	0.0500		34.6	mg/L	1	05/19/2023 23:24	206326
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/19/2023 23:24	206326
Potassium	NELAP	0.0400	0.100		1.07	mg/L	1	05/19/2023 23:24	206326
Sodium	NELAP	0.0180	0.0500		58.2	mg/L	1	05/19/2023 23:24	206326
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 16:31	206326
Cobalt	NELAP	0.0001	0.0010		0.0015	mg/L	5	05/19/2023 20:09	206326
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 16:31	206326
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/19/2023 20:09	206326



## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-041 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_OW-256 <b>Collection Date:</b> 05/17/2023 11:16
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Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:46	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-042  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_OW-257  
Collection Date: 05/17/2023 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		5.14	ft	1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		110	NTU	1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-66	mV	1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1210	µS/cm	1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.7	°C	1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.90	mg/L	1	05/17/2023 12:50	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.83		1	05/17/2023 12:50	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		645	mg/L	1	05/19/2023 12:40	R329075
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/19/2023 12:40	R329075
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	80	100		1270	mg/L	5	05/22/2023 11:14	R329213
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		118	mg/L	10	05/19/2023 13:28	R329097
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.37	mg/L	1	05/19/2023 13:26	R329066
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		7	mg/L	1	05/19/2023 13:23	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		0.103	mg/L	1	05/19/2023 23:28	206326
Barium	NELAP	0.0007	0.0025		0.975	mg/L	1	05/19/2023 23:28	206326
Beryllium	NELAP	0.0002	0.0005		0.0097	mg/L	1	05/19/2023 23:28	206326
Boron	NELAP	0.0090	0.0200		0.490	mg/L	1	05/19/2023 23:28	206326
Cadmium	NELAP	0.0005	0.0020		0.0045	mg/L	1	05/19/2023 23:28	206326
Calcium	NELAP	0.0350	0.100		366	mg/L	1	05/19/2023 23:28	206326
Chromium	NELAP	0.0028	0.0050		0.214	mg/L	1	05/19/2023 23:28	206326
Lead	NELAP	0.0040	0.0075		0.214	mg/L	1	05/22/2023 20:54	206326
Lithium	NELAP	0.0019	0.0050		0.207	mg/L	1	05/26/2023 20:52	206326
Magnesium	NELAP	0.0055	0.0500		163	mg/L	1	05/19/2023 23:28	206326
Molybdenum	NELAP	0.0037	0.010	J	0.0065	mg/L	1	05/19/2023 23:28	206326
Potassium	NELAP	0.400	1.00	B	19.3	mg/L	10	05/26/2023 20:49	206326
Sodium	NELAP	0.0180	0.0500		93.0	mg/L	1	05/19/2023 23:28	206326
<i>Sample result for K exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0022	0.0050		< 0.0050	mg/L	25	05/23/2023 8:40	206326
Cobalt	NELAP	0.0006	0.0050		0.203	mg/L	25	05/23/2023 8:40	206326
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 18:28	206326
Thallium	NELAP	0.0048	0.0100		< 0.0100	mg/L	25	05/23/2023 8:40	206326



## Laboratory Results

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

Client: Ramboll	Work Order: 23050523
Client Project: BAL-23Q2	Report Date: 19-Jun-23
Lab ID: 23050523-042	Client Sample ID: BAL_OW-257
Matrix: GROUNDWATER	Collection Date: 05/17/2023 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
<i>Elevated reporting limit due to matrix interference.</i>									
<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>									
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020	J	<b>0.00014</b>	mg/L	1	05/19/2023 8:48	206322



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-043

**Client Sample ID:** BAL\_PZ-169

**Matrix:** GROUNDWATER

**Collection Date:** 05/16/2023 13:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>10.79</b>	ft	1	05/16/2023 13:43	R329281



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-044  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_PZ-170  
Collection Date: 05/17/2023 11:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		15.11	ft	1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.7	NTU	1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-67	mV	1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1750	µS/cm	1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.9	°C	1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.93	mg/L	1	05/17/2023 11:53	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.52		1	05/17/2023 11:53	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		422	mg/L	1	05/19/2023 12:48	R329075
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/19/2023 12:48	R329075
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		730	mg/L	1	05/22/2023 11:15	R329213
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		170	mg/L	10	05/19/2023 13:36	R329097
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.18	mg/L	1	05/19/2023 11:59	R329066
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		35	mg/L	1	05/19/2023 13:31	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/19/2023 23:32	206326
Barium	NELAP	0.0007	0.0025		0.0975	mg/L	1	05/19/2023 23:32	206326
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/19/2023 23:32	206326
Boron	NELAP	0.0090	0.0200		0.267	mg/L	1	05/19/2023 23:32	206326
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/19/2023 23:32	206326
Calcium	NELAP	0.0350	0.100		200	mg/L	1	05/19/2023 23:32	206326
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/19/2023 23:32	206326
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 20:57	206326
Lithium	NELAP	0.0019	0.0050		0.0291	mg/L	1	05/31/2023 13:07	206326
Magnesium	NELAP	0.0055	0.0500		81.5	mg/L	1	05/19/2023 23:32	206326
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/19/2023 23:32	206326
Potassium	NELAP	0.0400	0.100		1.33	mg/L	1	05/19/2023 23:32	206326
Sodium	NELAP	0.0180	0.0500		99.4	mg/L	1	05/19/2023 23:32	206326
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	05/22/2023 18:34	206326
Cobalt	NELAP	0.0001	0.0010		0.0046	mg/L	5	05/19/2023 20:20	206326
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 18:34	206326
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/19/2023 20:20	206326

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

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-044	<b>Client Sample ID:</b> BAL_PZ-170
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/17/2023 11:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:50	206322



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-045  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_PZ-182  
Collection Date: 05/17/2023 14:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		16.91	ft	1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		36	NTU	1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-67	mV	1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1160	µS/cm	1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.4	°C	1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.73	mg/L	1	05/17/2023 14:21	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.63		1	05/17/2023 14:21	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		614	mg/L	1	05/19/2023 12:55	R329075
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/19/2023 12:55	R329075
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1120	mg/L	1	05/22/2023 11:15	R329213
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		254	mg/L	10	05/19/2023 13:58	R329097
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.19	mg/L	1	05/19/2023 13:28	R329066
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		88	mg/L	10	05/19/2023 13:58	R329098
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/19/2023 23:54	206326
Barium	NELAP	0.0007	0.0025		0.0692	mg/L	1	05/19/2023 23:54	206326
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/19/2023 23:54	206326
Boron	NELAP	0.0090	0.0200		0.484	mg/L	1	05/19/2023 23:54	206326
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/19/2023 23:54	206326
Calcium	NELAP	0.0350	0.100	S	143	mg/L	1	05/19/2023 23:54	206326
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/19/2023 23:54	206326
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/22/2023 21:27	206326
Lithium	NELAP	0.0019	0.0050		0.0069	mg/L	1	05/26/2023 21:00	206326
Magnesium	NELAP	0.0055	0.0500	S	55.5	mg/L	1	05/19/2023 23:54	206326
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	05/19/2023 23:54	206326
Potassium	NELAP	0.0400	0.100		0.514	mg/L	1	05/19/2023 23:54	206326
Sodium	NELAP	0.0180	0.0500	S	44.5	mg/L	1	05/19/2023 23:54	206326
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/22/2023 16:36	206326
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	05/19/2023 21:12	206326
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/22/2023 16:36	206326
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/19/2023 21:12	206326





## Laboratory Results

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

<b>Client:</b> Ramboll <b>Client Project:</b> BAL-23Q2 <b>Lab ID:</b> 23050523-045 <b>Matrix:</b> GROUNDWATER	<b>Work Order:</b> 23050523 <b>Report Date:</b> 19-Jun-23 <b>Client Sample ID:</b> BAL_PZ-182 <b>Collection Date:</b> 05/17/2023 14:21
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Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/19/2023 8:53	206322



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-046	<b>Client Sample ID:</b> BAL_TPZ-159
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 06/02/2023 10:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		<b>3.99</b>	ft	1	06/02/2023 10:12	R329281



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050523

**Client Project:** BAL-23Q2

**Report Date:** 19-Jun-23

**Lab ID:** 23050523-047

**Client Sample ID:** BAL\_TPZ-164\_pore

**Matrix:** GROUNDWATER

**Collection Date:** 05/23/2023 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		3.91	ft	1	05/23/2023 12:29	R329281



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-048  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW01  
Collection Date: 05/23/2023 14:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		10.30	ft	1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		4.1	NTU	1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-6	mV	1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		401	µS/cm	1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.1	°C	1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.56	mg/L	1	05/23/2023 14:03	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.00		1	05/23/2023 14:03	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		163	mg/L	1	05/26/2023 11:18	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 11:18	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		316	mg/L	1	05/27/2023 9:24	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	12	20		62	mg/L	2	05/28/2023 0:22	R329494
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.62	mg/L	1	05/26/2023 12:22	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		21	mg/L	1	05/25/2023 17:24	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 21:09	206553
Barium	NELAP	0.0007	0.0025		0.0743	mg/L	1	05/25/2023 21:09	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:09	206553
Boron	NELAP	0.0090	0.0200		0.649	mg/L	1	05/26/2023 22:18	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:09	206553
Calcium	NELAP	0.0360	0.100		55.1	mg/L	1	05/26/2023 22:18	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:09	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:09	206553
Lithium	NELAP	0.0019	0.0050		0.0083	mg/L	1	05/25/2023 21:09	206553
Magnesium	NELAP	0.0055	0.0500		14.1	mg/L	1	05/25/2023 21:09	206553
Molybdenum	NELAP	0.0037	0.0100		0.0342	mg/L	1	05/25/2023 21:09	206553
Potassium	NELAP	0.0400	0.100		6.14	mg/L	1	05/25/2023 21:09	206553
Sodium	NELAP	0.0180	0.0500		25.0	mg/L	1	05/25/2023 21:09	206553
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 10:00	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	05/27/2023 10:00	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 10:00	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 10:00	206553



## Laboratory Results

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

**Client:** Ramboll  
**Client Project:** BAL-23Q2  
**Lab ID:** 23050523-048  
**Matrix:** GROUNDWATER

**Work Order:** 23050523  
**Report Date:** 19-Jun-23  
**Client Sample ID:** BAL\_XPW01  
**Collection Date:** 05/23/2023 14:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:46	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-049  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW02  
Collection Date: 05/23/2023 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		4.75	ft	1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		6.4	NTU	1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-56	mV	1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		678	µS/cm	1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.5	°C	1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.76	mg/L	1	05/23/2023 10:55	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.05		1	05/23/2023 10:55	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		359	mg/L	1	05/26/2023 11:29	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 11:29	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		525	mg/L	2.5	05/27/2023 8:44	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		41	mg/L	1	05/25/2023 17:30	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.50	mg/L	1	05/26/2023 12:24	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		36	mg/L	1	05/25/2023 17:32	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		0.0100	mg/L	1	05/25/2023 21:13	206553
Barium	NELAP	0.0007	0.0025		0.185	mg/L	1	05/25/2023 21:13	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:13	206553
Boron	NELAP	0.0090	0.0200		1.08	mg/L	1	05/26/2023 22:22	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:13	206553
Calcium	NELAP	0.0360	0.100		101	mg/L	1	05/26/2023 22:22	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:13	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:13	206553
Lithium	NELAP	0.0019	0.0050		0.0147	mg/L	1	05/25/2023 21:13	206553
Magnesium	NELAP	0.0055	0.0500		23.8	mg/L	1	05/25/2023 21:13	206553
Molybdenum	NELAP	0.0037	0.0100		0.0328	mg/L	1	05/25/2023 21:13	206553
Potassium	NELAP	0.0400	0.100		7.86	mg/L	1	05/25/2023 21:13	206553
Sodium	NELAP	0.0180	0.0500		46.9	mg/L	1	05/25/2023 21:13	206553
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 10:06	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	05/27/2023 10:06	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 10:06	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 10:06	206553



## Laboratory Results

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

**Client:** Ramboll  
**Client Project:** BAL-23Q2  
**Lab ID:** 23050523-049  
**Matrix:** GROUNDWATER

**Work Order:** 23050523  
**Report Date:** 19-Jun-23  
**Client Sample ID:** BAL\_XPW02  
**Collection Date:** 05/23/2023 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:48	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-050  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW04  
Collection Date: 05/23/2023 13:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.19	ft	1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		4.8	NTU	1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-36	mV	1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		630	µS/cm	1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.7	°C	1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.29	mg/L	1	05/23/2023 13:03	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		8.23		1	05/23/2023 13:03	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		191	mg/L	1	05/26/2023 11:51	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		9	mg/L	1	05/26/2023 11:51	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		488	mg/L	1	05/27/2023 8:44	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		173	mg/L	10	05/25/2023 17:58	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.33	mg/L	1	05/26/2023 12:37	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		45	mg/L	1	05/25/2023 17:40	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 21:17	206553
Barium	NELAP	0.0007	0.0025		0.172	mg/L	1	05/25/2023 21:17	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:17	206553
Boron	NELAP	0.0090	0.0200		0.921	mg/L	1	05/26/2023 22:29	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:17	206553
Calcium	NELAP	0.360	1.00		56.2	mg/L	10	05/26/2023 22:25	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:17	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:17	206553
Lithium	NELAP	0.0019	0.0050		0.0056	mg/L	1	05/25/2023 21:17	206553
Magnesium	NELAP	0.0055	0.0500		29.5	mg/L	1	05/25/2023 21:17	206553
Molybdenum	NELAP	0.0037	0.0100		0.0259	mg/L	1	05/25/2023 21:17	206553
Potassium	NELAP	0.400	1.00		10.4	mg/L	10	05/26/2023 22:25	206553
Sodium	NELAP	0.0180	0.0500		66.4	mg/L	1	05/25/2023 21:17	206553
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 11:14	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/27/2023 11:14	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 11:14	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 11:14	206553





## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050523
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 19-Jun-23
<b>Lab ID:</b> 23050523-050	<b>Client Sample ID:</b> BAL_XPW04
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/23/2023 13:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:55	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-051  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW05  
Collection Date: 05/23/2023 11:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		4.69	ft	1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		4.3	NTU	1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-76	mV	1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		589	µS/cm	1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.9	°C	1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.70	mg/L	1	05/23/2023 11:42	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.16		1	05/23/2023 11:42	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		218	mg/L	1	05/26/2023 11:57	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 11:57	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		428	mg/L	1	05/27/2023 8:45	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		110	mg/L	10	05/25/2023 18:06	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.54	mg/L	1	05/26/2023 12:39	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		47	mg/L	1	05/25/2023 18:01	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.010	J	0.0093	mg/L	1	05/25/2023 21:20	206553
Barium	NELAP	0.0007	0.0025		0.212	mg/L	1	05/25/2023 21:20	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:20	206553
Boron	NELAP	0.0090	0.0200		1.08	mg/L	1	05/26/2023 22:33	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:20	206553
Calcium	NELAP	0.0360	0.100		45.8	mg/L	1	05/26/2023 22:33	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:20	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:20	206553
Lithium	NELAP	0.0019	0.0050	J	0.0027	mg/L	1	05/25/2023 21:20	206553
Magnesium	NELAP	0.0055	0.0500		18.8	mg/L	1	05/25/2023 21:20	206553
Molybdenum	NELAP	0.0037	0.0100		0.0152	mg/L	1	05/25/2023 21:20	206553
Potassium	NELAP	0.0400	0.100		9.65	mg/L	1	05/25/2023 21:20	206553
Sodium	NELAP	0.0180	0.0500		76.2	mg/L	1	05/25/2023 21:20	206553
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 11:20	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	05/27/2023 11:20	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 11:20	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 11:20	206553



### Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-051  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW05  
Collection Date: 05/23/2023 11:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 10:57	206550



## Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-052  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW06  
Collection Date: 05/23/2023 15:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		2.75	ft	1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-88	mV	1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		634	µS/cm	1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.5	°C	1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.99	mg/L	1	05/23/2023 15:08	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.23		1	05/23/2023 15:08	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		247	mg/L	1	05/26/2023 12:08	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 12:08	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		525	mg/L	2.5	05/27/2023 9:24	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		171	mg/L	10	05/25/2023 18:14	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.32	mg/L	1	05/26/2023 12:40	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		6	mg/L	1	05/25/2023 18:09	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	05/25/2023 21:24	206553
Barium	NELAP	0.0007	0.0025		0.161	mg/L	1	05/25/2023 21:24	206553
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	05/25/2023 21:24	206553
Boron	NELAP	0.0090	0.0200		2.11	mg/L	1	05/26/2023 22:40	206553
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	05/25/2023 21:24	206553
Calcium	NELAP	0.360	1.00		75.9	mg/L	10	05/26/2023 22:36	206553
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	05/25/2023 21:24	206553
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	05/25/2023 21:24	206553
Lithium	NELAP	0.0019	0.0050		< 0.0050	mg/L	1	05/25/2023 21:24	206553
Magnesium	NELAP	0.0055	0.0500		20.6	mg/L	1	05/25/2023 21:24	206553
Molybdenum	NELAP	0.0037	0.0100		0.0521	mg/L	1	05/25/2023 21:24	206553
Potassium	NELAP	0.400	1.00		21.3	mg/L	10	05/26/2023 22:36	206553
Sodium	NELAP	0.0180	0.0500		48.8	mg/L	1	05/25/2023 21:24	206553
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	05/27/2023 11:26	206553
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	05/27/2023 11:26	206553
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	05/27/2023 11:26	206553
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	05/27/2023 11:26	206553



### Laboratory Results

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

Client: Ramboll  
Client Project: BAL-23Q2  
Lab ID: 23050523-052  
Matrix: GROUNDWATER

Work Order: 23050523  
Report Date: 19-Jun-23  
Client Sample ID: BAL\_XPW06  
Collection Date: 05/23/2023 15:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	05/25/2023 11:00	206550



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		9.43	ft	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		116	mV	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.2	°C	1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.81	mg/L	1	05/22/2023 10:41	R329281
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.51		1	05/22/2023 10:41	R329281
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		776	mg/L	1	05/26/2023 12:22	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		41	mg/L	1	05/26/2023 12:22	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1410	mg/L	1	05/24/2023 13:21	R329344
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		204	mg/L	10	05/25/2023 18:21	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.72	mg/L	1	05/26/2023 12:42	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		160	mg/L	10	05/25/2023 18:22	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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

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

Client: Ramboll Work Order: 23050523  
 Client Project: BAL-23Q2 Report Date: 19-Jun-23  
 Lab ID: 23050523-053 Client Sample ID: BAL\_MW-304 Duplicate  
 Matrix: GROUNDWATER Collection Date: 05/22/2023 10:41

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



## Laboratory Results

<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
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 12:40	R329438
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	05/26/2023 12:40	R329438
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	05/27/2023 9:24	R329514
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10	J	7	mg/L	1	05/25/2023 18:23	R329383
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	05/26/2023 12:44	R329437
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		< 4	mg/L	1	05/25/2023 18:25	R329395
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
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
<b>SW-846 7470A (TOTAL)</b>									
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
23050523-001	BAL_MW-104#SR	Groundwater	4	05/22/2023 11:51
23050523-002	BAL_MW-104&DR	Groundwater	4	05/22/2023 11:33
23050523-009	BAL_MW-158!R	Groundwater	2	05/19/2023 10:55
23050523-010	BAL_MW-192	Groundwater	6	05/16/2023 10:37
23050523-011	BAL_MW-193	Groundwater	6	05/15/2023 14:56
23050523-012	BAL_MW-194	Groundwater	2	05/15/2023 13:09
23050523-013	BAL_MW-203	Groundwater	2	05/23/2023 18:44
23050523-014	BAL_MW-204	Groundwater	2	05/23/2023 18:11
23050523-017	BAL_MW-258	Groundwater	2	05/19/2023 12:10
23050523-018	BAL_MW-304	Groundwater	6	05/22/2023 10:41
23050523-019	BAL_MW-306	Groundwater	6	05/23/2023 16:11
23050523-020	BAL_MW-307	Groundwater	2	05/23/2023 17:08
23050523-024	BAL_MW-356	Groundwater	6	05/16/2023 12:29
23050523-025	BAL_MW-358	Groundwater	6	05/19/2023 11:28
23050523-027	BAL_MW-369	Groundwater	6	05/16/2023 15:03
23050523-028	BAL_MW-370	Groundwater	6	05/16/2023 14:24
23050523-031	BAL_MW-382	Groundwater	6	05/16/2023 15:42
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
23050523-036	BAL_MW-392	Groundwater	6	05/16/2023 11:31
23050523-037	BAL_MW-393	Groundwater	6	05/15/2023 15:43
23050523-038	BAL_MW-394	Groundwater	6	05/15/2023 13:53
23050523-039	BAL_OW-156	Groundwater	1	05/16/2023 12:47
23050523-040	BAL_OW-157	Groundwater	1	05/16/2023 16:15
23050523-041	BAL_OW-256	Groundwater	6	05/17/2023 11:16
23050523-042	BAL_OW-257	Groundwater	6	05/17/2023 12:50
23050523-043	BAL_PZ-169	Groundwater	1	05/16/2023 13:43
23050523-044	BAL_PZ-170	Groundwater	6	05/17/2023 11:53
23050523-045	BAL_PZ-182	Groundwater	6	05/17/2023 14:21
23050523-046	BAL_TPZ-159	Groundwater	1	06/02/2023 10:12
23050523-047	BAL_TPZ-164_pore	Groundwater	6	05/23/2023 12:29
23050523-048	BAL_XPW01	Groundwater	6	05/23/2023 14:03
23050523-049	BAL_XPW02	Groundwater	2	05/23/2023 10:55
23050523-050	BAL_XPW04	Groundwater	2	05/23/2023 13:03
23050523-051	BAL_XPW05	Groundwater	6	05/23/2023 11:42
23050523-052	BAL_XPW06	Groundwater	6	05/23/2023 15:08
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					
23050523-001A	BAL_MW-104#SR	05/22/2023 11:51	05/22/2023 19:05		
	Field Elevation Measurements				05/22/2023 11:51
	Standard Methods 2130 B Field				05/22/2023 11:51
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 11:51
	Standard Methods 2510 B Field				05/22/2023 11:51
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:53
	Standard Methods 2550 B Field				05/22/2023 11:51
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:32
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:32
	Standard Methods 4500-O G Field				05/22/2023 11:51
	SW-846 9040B Field				05/22/2023 11:51
23050523-001B	BAL_MW-104#SR	05/22/2023 11:51	05/22/2023 19:05		
	SW-846 9036 (Dissolved)				05/27/2023 22:31
	SW-846 9251 (Dissolved)				05/25/2023 11:35
23050523-001C	BAL_MW-104#SR	05/22/2023 11:51	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:37
23050523-001D	BAL_MW-104#SR	05/22/2023 11:51	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 12:52
23050523-002A	BAL_MW-104&DR	05/22/2023 11:33	05/22/2023 19:05		
	Field Elevation Measurements				05/22/2023 11:33
	Standard Methods 2130 B Field				05/22/2023 11:33
	Standard Methods 18th Ed. 2580 B Field				05/22/2023 11:33
	Standard Methods 2510 B Field				05/22/2023 11:33
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 10:53
	Standard Methods 2550 B Field				05/22/2023 11:33
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 11:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 13:34
	Standard Methods 4500-O G Field				05/22/2023 11:33
	SW-846 9040B Field				05/22/2023 11:33
23050523-002B	BAL_MW-104&DR	05/22/2023 11:33	05/22/2023 19:05		
	SW-846 9036 (Dissolved)				05/25/2023 11:56
	SW-846 9251 (Dissolved)				05/25/2023 11:45
23050523-002C	BAL_MW-104&DR	05/22/2023 11:33	05/22/2023 19:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 8:45	05/24/2023 17:38
23050523-002D	BAL_MW-104&DR	05/22/2023 11:33	05/22/2023 19:05		



## 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
	<b>Test Name</b>			<b>Prep Date/Time</b>	<b>Analysis Date/Time</b>
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:18
23050523-009A	BAL_MW-158IR	05/19/2023 10:55	05/19/2023 14:12		
	Field Elevation Measurements				05/19/2023 10:55
	Standard Methods 2130 B Field				05/19/2023 10:55
	Standard Methods 18th Ed. 2580 B Field				05/19/2023 10:55
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:09
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:09
	Standard Methods 2510 B Field				05/19/2023 10:55
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:00
	Standard Methods 2550 B Field				05/19/2023 10:55
	Standard Methods 4500-O G Field				05/19/2023 10:55
	SW-846 9036 (Total)				05/25/2023 3:33
	SW-846 9040B Field				05/19/2023 10:55
	SW-846 9214 (Total)				05/22/2023 9:47
	SW-846 9251 (Total)				05/21/2023 16:02
23050523-009B	BAL_MW-158IR	05/19/2023 10:55	05/19/2023 14:12		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/26/2023 20:00
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/31/2023 10:26
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/22/2023 8:40	05/23/2023 12:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/22/2023 8:40	05/25/2023 6:25
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/25/2023 14:04	05/26/2023 8:44
	SW-846 7470A (Total)			05/22/2023 9:13	05/22/2023 14:21
23050523-010A	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	Ferrous Iron by CHEMets Kit				05/16/2023 10:37
	Field Elevation Measurements				05/16/2023 10:37
	Standard Methods 2130 B Field				05/16/2023 10:37
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 10:37
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 10:45
	Standard Methods 2320 B 1997, 2011				05/18/2023 10:45
	Standard Methods 2510 B Field				05/16/2023 10:37
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:15
	Standard Methods 2550 B Field				05/16/2023 10:37
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:23
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:33
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:33
	Standard Methods 4500-O G Field				05/16/2023 10:37
	Standard Methods 4500-P E 1999				05/17/2023 14:05
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:05



## 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
	<b>Test Name</b>				
	SW-846 9036 (Total)				05/18/2023 12:29
	SW-846 9040B Field				05/16/2023 10:37
	SW-846 9214 (Total)				05/18/2023 12:04
	SW-846 9251 (Total)				05/18/2023 12:30
23050523-010B	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:41
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:41
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:17
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 18:58
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 18:58
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 14:36
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 14:36
	SW-846 9036 (Dissolved)				05/18/2023 10:25
	SW-846 9251 (Dissolved)				05/18/2023 10:25
23050523-010C	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 12:45
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 23:19
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/26/2023 13:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 18:51
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 8:16
23050523-010D	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 9:34
23050523-010E	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	SW-846 9060				05/22/2023 15:31
23050523-010F	BAL_MW-192	05/16/2023 10:37	05/16/2023 18:45		
	SW-846 9060				05/22/2023 10:58
23050523-011A	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	Ferrous Iron by CHEMets Kit				05/15/2023 14:56
	Field Elevation Measurements				05/15/2023 14:56
	Standard Methods 2130 B Field				05/15/2023 14:56
	Standard Methods 18th Ed. 2580 B Field				05/15/2023 14:56
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 10:51
	Standard Methods 2320 B 1997, 2011				05/18/2023 10:51
	Standard Methods 2510 B Field				05/15/2023 14:56
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:16
	Standard Methods 2550 B Field				05/15/2023 14:56
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/16/2023 18:07



## 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 (Total) 2000, 2011				05/17/2023 17:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 17:44
	Standard Methods 4500-O G Field				05/15/2023 14:56
	Standard Methods 4500-P E 1999				05/17/2023 14:06
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:06
	SW-846 9036 (Total)				05/18/2023 12:51
	SW-846 9040B Field				05/15/2023 14:56
	SW-846 9214 (Total)				05/18/2023 12:06
	SW-846 9251 (Total)				05/18/2023 12:52
23050523-011B	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:48
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:48
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/16/2023 18:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 17:49
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 17:49
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 14:39
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 14:39
	SW-846 9036 (Dissolved)				05/18/2023 10:52
	SW-846 9251 (Dissolved)				05/18/2023 10:47
23050523-011C	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/20/2023 0:13
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 11:28
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 14:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/17/2023 18:34
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/18/2023 22:48
	SW-846 7470A (Total)			05/17/2023 7:12	05/17/2023 12:43
23050523-011D	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 9:36
23050523-011E	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	SW-846 9060				05/22/2023 15:37
23050523-011F	BAL_MW-193	05/15/2023 14:56	05/15/2023 18:05		
	SW-846 9060				05/22/2023 11:05
23050523-012A	BAL_MW-194	05/15/2023 13:09	05/15/2023 18:05		
	Field Elevation Measurements				05/15/2023 13:09
	Standard Methods 2130 B Field				05/15/2023 13:09
	Standard Methods 18th Ed. 2580 B Field				05/15/2023 13:09
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 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 2320 B 1997, 2011				05/18/2023 11:08
	Standard Methods 2510 B Field				05/15/2023 13:09
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:16
	Standard Methods 2550 B Field				05/15/2023 13:09
	Standard Methods 4500-O G Field				05/15/2023 13:09
	SW-846 9036 (Total)				05/18/2023 13:23
	SW-846 9040B Field				05/15/2023 13:09
	SW-846 9214 (Total)				05/18/2023 12:08
	SW-846 9251 (Total)				05/18/2023 13:18
23050523-012B	BAL_MW-194	05/15/2023 13:09	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/20/2023 0:42
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 15:20
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/17/2023 18:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/18/2023 22:26
	SW-846 7470A (Total)			05/17/2023 7:12	05/17/2023 12:45
23050523-013A	BAL_MW-203	05/23/2023 18:44	05/23/2023 20:30		
	Field Elevation Measurements				05/23/2023 18:44
	Standard Methods 2130 B Field				05/23/2023 18:44
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 18:44
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 9:25
	Standard Methods 2320 B 1997, 2011				05/26/2023 9:25
	Standard Methods 2510 B Field				05/23/2023 18:44
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:42
	Standard Methods 2550 B Field				05/23/2023 18:44
	Standard Methods 4500-O G Field				05/23/2023 18:44
	SW-846 9036 (Total)				05/25/2023 15:42
	SW-846 9040B Field				05/23/2023 18:44
	SW-846 9214 (Total)				05/26/2023 12:00
	SW-846 9251 (Total)				05/25/2023 15:42
23050523-013B	BAL_MW-203	05/23/2023 18:44	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 20:21
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 21:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 9:41
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:37
23050523-014A	BAL_MW-204	05/23/2023 18:11	05/23/2023 20:30		
	Field Elevation Measurements				05/23/2023 18:11
	Standard Methods 2130 B Field				05/23/2023 18:11



## 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
	<b>Test Name</b>				
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 18:11
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 9:31
	Standard Methods 2320 B 1997, 2011				05/26/2023 9:31
	Standard Methods 2510 B Field				05/23/2023 18:11
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:43
	Standard Methods 2550 B Field				05/23/2023 18:11
	Standard Methods 4500-O G Field				05/23/2023 18:11
	SW-846 9036 (Total)				05/25/2023 15:44
	SW-846 9040B Field				05/23/2023 18:11
	SW-846 9214 (Total)				05/26/2023 12:05
	SW-846 9251 (Total)				05/25/2023 15:50
23050523-014B	BAL_MW-204	05/23/2023 18:11	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 20:25
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 21:41
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 10:12
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:39
23050523-017A	BAL_MW-258	05/19/2023 12:10	05/19/2023 14:12		
	Field Elevation Measurements				05/19/2023 12:10
	Standard Methods 2130 B Field				05/19/2023 12:10
	Standard Methods 18th Ed. 2580 B Field				05/19/2023 12:10
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:23
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:23
	Standard Methods 2510 B Field				05/19/2023 12:10
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:00
	Standard Methods 2550 B Field				05/19/2023 12:10
	Standard Methods 4500-O G Field				05/19/2023 12:10
	SW-846 9036 (Total)				05/21/2023 16:12
	SW-846 9040B Field				05/19/2023 12:10
	SW-846 9214 (Total)				05/22/2023 9:48
	SW-846 9251 (Total)				05/21/2023 16:13
23050523-017B	BAL_MW-258	05/19/2023 12:10	05/19/2023 14:12		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/26/2023 19:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/22/2023 8:40	05/23/2023 11:34
	SW-846 7470A (Total)			05/22/2023 9:13	05/22/2023 14:23
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



## 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 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
	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		





## 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 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
	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



## 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 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
23050523-020A	BAL_MW-307	05/23/2023 17:08	05/23/2023 20:30		
	Field Elevation Measurements				05/23/2023 17:08
	Standard Methods 2130 B Field				05/23/2023 17:08
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 17:08
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 10:11
	Standard Methods 2320 B 1997, 2011				05/26/2023 10:11
	Standard Methods 2510 B Field				05/23/2023 17:08
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:43
	Standard Methods 2550 B Field				05/23/2023 17:08
	Standard Methods 4500-O G Field				05/23/2023 17:08
	SW-846 9036 (Total)				05/25/2023 16:25
	SW-846 9040B Field				05/23/2023 17:08
	SW-846 9214 (Total)				05/26/2023 12:15
	SW-846 9251 (Total)				05/25/2023 16:36
23050523-020B	BAL_MW-307	05/23/2023 17:08	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 20:40
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 21:56
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 9:54
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:44
23050523-024A	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	Ferrous Iron by CHEMets Kit				05/16/2023 12:29
	Field Elevation Measurements				05/16/2023 12:29
	Standard Methods 2130 B Field				05/16/2023 12:29
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 12:29
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 11:15
	Standard Methods 2320 B 1997, 2011				05/18/2023 11:15
	Standard Methods 2510 B Field				05/16/2023 12:29
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:17
	Standard Methods 2550 B Field				05/16/2023 12:29
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:24



## 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 (Total) 2000, 2011				05/17/2023 19:42
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:42
	Standard Methods 4500-O G Field				05/16/2023 12:29
	Standard Methods 4500-P E 1999				05/17/2023 14:07
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:07
	SW-846 9036 (Total)				05/18/2023 13:25
	SW-846 9040B Field				05/16/2023 12:29
	SW-846 9214 (Total)				05/18/2023 12:09
	SW-846 9251 (Total)				05/18/2023 13:26
23050523-024B	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:53
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 8:53
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:17
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:00
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:00
	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)				05/18/2023 10:54
	SW-846 9251 (Dissolved)				05/18/2023 10:55
23050523-024C	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 12:46
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 23:22
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/26/2023 17:39	05/31/2023 13:46
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 19:34
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 9:22
23050523-024D	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 9:37
23050523-024E	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	SW-846 9060				05/22/2023 16:47
23050523-024F	BAL_MW-356	05/16/2023 12:29	05/16/2023 18:45		
	SW-846 9060				05/22/2023 12:02
23050523-025A	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	Ferrous Iron by CHEMets Kit				05/19/2023 11:28
	Field Elevation Measurements				05/19/2023 11:28
	Standard Methods 2130 B Field				05/19/2023 11:28
	Standard Methods 18th Ed. 2580 B Field				05/19/2023 11:28
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 10:44



## 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
	<b>Test Name</b>				
	Standard Methods 2320 B 1997, 2011				05/22/2023 10:44
	Standard Methods 2510 B Field				05/19/2023 11:28
	Standard Methods 2540 C (Total) 1997, 2011				05/23/2023 12:01
	Standard Methods 2550 B Field				05/19/2023 11:28
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/19/2023 23:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 18:59
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/19/2023 18:59
	Standard Methods 4500-O G Field				05/19/2023 11:28
	Standard Methods 4500-P E 1999				05/19/2023 15:43
	Standard Methods 4500-P E 1999, 2011				05/19/2023 15:43
	SW-846 9036 (Total)				05/28/2023 0:07
	SW-846 9040B Field				05/19/2023 11:28
	SW-846 9214 (Total)				05/22/2023 9:50
	SW-846 9251 (Total)				05/25/2023 3:49
23050523-025B	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:34
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/22/2023 9:34
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/19/2023 23:43
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 18:57
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/19/2023 18:57
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 15:44
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 15:44
	SW-846 9036 (Dissolved)				05/24/2023 11:09
	SW-846 9251 (Dissolved)				05/24/2023 11:34
23050523-025C	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/26/2023 20:11
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/31/2023 10:41
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/22/2023 8:40	05/31/2023 10:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/22/2023 8:40	05/23/2023 11:39
	SW-846 7470A (Total)			05/22/2023 9:13	05/22/2023 14:26
23050523-025D	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/22/2023 9:05	05/22/2023 12:10
23050523-025E	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	SW-846 9060				05/22/2023 16:53
23050523-025F	BAL_MW-358	05/19/2023 11:28	05/19/2023 14:12		
	SW-846 9060				05/22/2023 12:08
23050523-027A	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		



## 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
	<b>Test Name</b>				
	Ferrous Iron by CHEMets Kit				05/16/2023 15:03
	Field Elevation Measurements				05/16/2023 15:03
	Standard Methods 2130 B Field				05/16/2023 15:03
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 15:03
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 12:51
	Standard Methods 2320 B 1997, 2011				05/18/2023 12:51
	Standard Methods 2510 B Field				05/16/2023 15:03
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 9:17
	Standard Methods 2550 B Field				05/16/2023 15:03
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:25
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 22:38
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 22:38
	Standard Methods 4500-O G Field				05/16/2023 15:03
	Standard Methods 4500-P E 1999				05/17/2023 15:05
	Standard Methods 4500-P E 1999, 2011				05/17/2023 15:05
	SW-846 9036 (Total)				05/18/2023 13:47
	SW-846 9040B Field				05/16/2023 15:03
	SW-846 9214 (Total)				05/18/2023 12:34
	SW-846 9251 (Total)				05/18/2023 13:48
23050523-027B	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:06
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:06
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:18
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:05
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 14:42
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 14:42
	SW-846 9036 (Dissolved)				05/18/2023 11:32
	SW-846 9251 (Dissolved)				05/18/2023 11:32
23050523-027C	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 12:59
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 23:52
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/23/2023 15:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 18:56
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 8:28
23050523-027D	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 9:18	05/18/2023 10:33



## 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					
23050523-027E	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		
	SW-846 9060				05/22/2023 17:06
23050523-027F	BAL_MW-369	05/16/2023 15:03	05/16/2023 18:45		
	SW-846 9060				05/22/2023 12:33
23050523-028A	BAL_MW-370	05/16/2023 14:24	05/16/2023 18:45		
	Ferrous Iron by CHEMets Kit				05/16/2023 14:24
	Field Elevation Measurements				05/16/2023 14:24
	Standard Methods 2130 B Field				05/16/2023 14:24
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 14:24
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 11:30
	Standard Methods 2320 B 1997, 2011				05/18/2023 11:30
	Standard Methods 2510 B Field				05/16/2023 14:24
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 10:12
	Standard Methods 2550 B Field				05/16/2023 14:24
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:26
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 19:46
	Standard Methods 4500-O G Field				05/16/2023 14:24
	Standard Methods 4500-P E 1999				05/17/2023 14:09
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:09
	SW-846 9036 (Total)				05/19/2023 23:08
	SW-846 9040B Field				05/16/2023 14:24
	SW-846 9214 (Total)				05/18/2023 12:13
	SW-846 9251 (Total)				05/19/2023 12:16
23050523-028B	BAL_MW-370	05/16/2023 14:24	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:14
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:14
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:19
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:13
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:13
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 15:03
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 15:03
	SW-846 9036 (Dissolved)				05/19/2023 0:34
	SW-846 9251 (Dissolved)				05/19/2023 10:25
23050523-028C	BAL_MW-370	05/16/2023 14:24	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	05/23/2023 16:27



## 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
	<b>Test Name</b>				
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/23/2023 16:28
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/26/2023 17:24
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/26/2023 18:01	05/31/2023 13:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 19:45
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 8:30
23050523-028D	BAL_MW-370	05/16/2023 14:24	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 10:34
23050523-028E	BAL_MW-370	05/16/2023 14:24	05/16/2023 18:45		
	SW-846 9060				05/22/2023 17:12
23050523-028F	BAL_MW-370	05/16/2023 14:24	05/16/2023 18:45		
	SW-846 9060				05/22/2023 12:40
23050523-031A	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	Ferrous Iron by CHEMets Kit				05/16/2023 15:42
	Field Elevation Measurements				05/16/2023 15:42
	Standard Methods 2130 B Field				05/16/2023 15:42
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 15:42
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 12:21
	Standard Methods 2320 B 1997, 2011				05/18/2023 12:21
	Standard Methods 2510 B Field				05/16/2023 15:42
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 10:12
	Standard Methods 2550 B Field				05/16/2023 15:42
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/17/2023 19:26
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 20:06
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 20:06
	Standard Methods 4500-O G Field				05/16/2023 15:42
	Standard Methods 4500-P E 1999				05/18/2023 12:03
	Standard Methods 4500-P E 1999, 2011				05/18/2023 12:03
	SW-846 9036 (Total)				05/19/2023 23:14
	SW-846 9040B Field				05/16/2023 15:42
	SW-846 9214 (Total)				05/18/2023 12:36
	SW-846 9251 (Total)				05/18/2023 14:14
23050523-031B	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:21
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:21
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:19
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:29
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:29



## 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 (Dissolved) 1999, 2011				05/17/2023 15:03
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 15:03
	SW-846 9036 (Dissolved)				05/19/2023 0:39
	SW-846 9251 (Dissolved)				05/18/2023 11:43
23050523-031C	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 12:48
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/23/2023 0:03
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/26/2023 14:44
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/26/2023 17:39	05/31/2023 13:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 19:50
	SW-846 7470A (Total)			05/18/2023 10:00	05/19/2023 8:32
23050523-031D	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 10:39
23050523-031E	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	SW-846 9060				05/22/2023 17:25
23050523-031F	BAL_MW-382	05/16/2023 15:42	05/16/2023 18:45		
	SW-846 9060				05/22/2023 12:52
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
	SW-846 9251 (Total)				05/25/2023 17:08





## 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					
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
	Standard Methods 4500-P E 1999				05/23/2023 11:35



## 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, 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
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 10:29



## 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
	<b>Test Name</b>				
	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
23050523-036A	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		



## 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				
	Ferrous Iron by CHEMets Kit				05/16/2023 11:31
	Field Elevation Measurements				05/16/2023 11:31
	Standard Methods 2130 B Field				05/16/2023 11:31
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 11:31
	Standard Methods 2320 B (Total) 1997, 2011				05/22/2023 15:58
	Standard Methods 2320 B 1997, 2011				05/22/2023 15:58
	Standard Methods 2510 B Field				05/16/2023 11:31
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 10:13
	Standard Methods 2550 B Field				05/16/2023 11:31
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/22/2023 20:02
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 10:09
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/23/2023 10:09
	Standard Methods 4500-O G Field				05/16/2023 11:31
	Standard Methods 4500-P E 1999				05/17/2023 14:09
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:09
	SW-846 9036 (Total)				05/18/2023 23:25
	SW-846 9040B Field				05/16/2023 11:31
	SW-846 9214 (Total)				05/18/2023 12:15
	SW-846 9251 (Total)				05/28/2023 1:06
23050523-036B	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:27
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/17/2023 19:20
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:31
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 19:31
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 15:05
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 15:05
	SW-846 9036 (Dissolved)				05/18/2023 11:55
	SW-846 9251 (Dissolved)				05/19/2023 10:59
23050523-036C	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/22/2023 13:02
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/23/2023 0:07
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/17/2023 11:49	05/23/2023 16:29
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/26/2023 17:39	05/31/2023 13:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/17/2023 11:49	05/18/2023 19:55
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:44
23050523-036D	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 10:40



## 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					
23050523-036E	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		
	SW-846 9060				05/22/2023 18:28
23050523-036F	BAL_MW-392	05/16/2023 11:31	05/17/2023 18:40		
	SW-846 9060				05/22/2023 13:43
23050523-037A	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	Ferrous Iron by CHEMets Kit				05/15/2023 15:43
	Field Elevation Measurements				05/15/2023 15:43
	Standard Methods 2130 B Field				05/15/2023 15:43
	Standard Methods 18th Ed. 2580 B Field				05/15/2023 15:43
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 12:27
	Standard Methods 2320 B 1997, 2011				05/18/2023 12:27
	Standard Methods 2510 B Field				05/15/2023 15:43
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 10:13
	Standard Methods 2550 B Field				05/15/2023 15:43
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/16/2023 18:08
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 17:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/17/2023 17:46
	Standard Methods 4500-O G Field				05/15/2023 15:43
	Standard Methods 4500-P E 1999				05/17/2023 14:10
	Standard Methods 4500-P E 1999, 2011				05/17/2023 14:10
	SW-846 9036 (Total)				05/18/2023 14:27
	SW-846 9040B Field				05/15/2023 15:43
	SW-846 9214 (Total)				05/18/2023 12:27
	SW-846 9251 (Total)				05/19/2023 13:07
23050523-037B	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:35
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:35
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/16/2023 18:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 17:59
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 17:59
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/17/2023 15:05
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 15:05
	SW-846 9036 (Dissolved)				05/18/2023 12:19
	SW-846 9251 (Dissolved)				05/19/2023 11:18
23050523-037C	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/20/2023 0:46
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 12:33



## 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
	<b>Test Name</b>				
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 12:37
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 18:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/17/2023 19:13
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/18/2023 22:32
	SW-846 7470A (Total)			05/17/2023 7:12	05/18/2023 8:52
23050523-037D	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 10:42
23050523-037E	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	SW-846 9060				05/22/2023 18:34
23050523-037F	BAL_MW-393	05/15/2023 15:43	05/15/2023 18:05		
	SW-846 9060				05/22/2023 13:49
23050523-038A	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	Ferrous Iron by CHEMets Kit				05/15/2023 13:53
	Field Elevation Measurements				05/15/2023 13:53
	Standard Methods 2130 B Field				05/15/2023 13:53
	Standard Methods 18th Ed. 2580 B Field				05/15/2023 13:53
	Standard Methods 2320 B (Total) 1997, 2011				05/18/2023 12:36
	Standard Methods 2320 B 1997, 2011				05/18/2023 12:36
	Standard Methods 2510 B Field				05/15/2023 13:53
	Standard Methods 2540 C (Total) 1997, 2011				05/18/2023 10:13
	Standard Methods 2550 B Field				05/15/2023 13:53
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/16/2023 18:08
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 16:58
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 16:58
	Standard Methods 4500-O G Field				05/15/2023 13:53
	Standard Methods 4500-P E 1999				05/17/2023 13:41
	Standard Methods 4500-P E 1999, 2011				05/17/2023 13:41
	SW-846 9036 (Total)				05/18/2023 14:34
	SW-846 9040B Field				05/15/2023 13:53
	SW-846 9214 (Total)				05/18/2023 12:33
	SW-846 9251 (Total)				05/19/2023 13:12
23050523-038B	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:43
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/18/2023 9:43
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/16/2023 18:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 18:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/17/2023 18:01



## 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 (Dissolved) 1999, 2011				05/17/2023 13:40
	Standard Methods 4500-P E (Dissolved) 1999				05/17/2023 13:40
	SW-846 9036 (Dissolved)				05/18/2023 12:27
	SW-846 9251 (Dissolved)				05/19/2023 11:20
23050523-038C	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/20/2023 0:50
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 15:24
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 15:27
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/16/2023 17:34	05/22/2023 18:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/17/2023 19:19
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/16/2023 17:34	05/18/2023 22:37
	SW-846 7470A (Total)			05/17/2023 7:12	05/17/2023 12:54
23050523-038D	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/17/2023 12:16	05/18/2023 10:44
23050523-038E	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	SW-846 9060				05/22/2023 18:41
23050523-038F	BAL_MW-394	05/15/2023 13:53	05/15/2023 18:05		
	SW-846 9060				05/22/2023 13:56
23050523-039A	BAL_OW-156	05/16/2023 12:47	05/16/2023 18:45		
	Field Elevation Measurements				05/16/2023 12:47
	Standard Methods 2130 B Field				05/16/2023 12:47
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 12:47
	Standard Methods 2510 B Field				05/16/2023 12:47
	Standard Methods 2550 B Field				05/16/2023 12:47
	Standard Methods 4500-O G Field				05/16/2023 12:47
	SW-846 9040B Field				05/16/2023 12:47
23050523-040A	BAL_OW-157	05/16/2023 16:15	05/16/2023 18:45		
	Field Elevation Measurements				05/16/2023 16:15
	Standard Methods 2130 B Field				05/16/2023 16:15
	Standard Methods 18th Ed. 2580 B Field				05/16/2023 16:15
	Standard Methods 2510 B Field				05/16/2023 16:15
	Standard Methods 2550 B Field				05/16/2023 16:15
	Standard Methods 4500-O G Field				05/16/2023 16:15
	SW-846 9040B Field				05/16/2023 16:15
23050523-041A	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 11:16
	Field Elevation Measurements				05/17/2023 11:16



## 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				
	Standard Methods 2130 B Field				05/17/2023 11:16
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 11:16
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:34
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:34
	Standard Methods 2510 B Field				05/17/2023 11:16
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 10:30
	Standard Methods 2550 B Field				05/17/2023 11:16
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 18:04
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 18:04
	Standard Methods 4500-O G Field				05/17/2023 11:16
	Standard Methods 4500-P E 1999				05/18/2023 12:05
	Standard Methods 4500-P E 1999, 2011				05/18/2023 12:05
	SW-846 9036 (Total)				05/21/2023 17:21
	SW-846 9040B Field				05/17/2023 11:16
	SW-846 9214 (Total)				05/19/2023 11:56
	SW-846 9251 (Total)				05/19/2023 13:20
23050523-041B	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:44
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:44
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:07
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 18:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 18:08
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/18/2023 12:08
	Standard Methods 4500-P E (Dissolved) 1999				05/18/2023 12:08
	SW-846 9036 (Dissolved)				05/21/2023 19:45
	SW-846 9251 (Dissolved)				05/19/2023 11:28
23050523-041C	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:24
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 18:52
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 20:46
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 20:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/19/2023 20:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 16:31
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:46
23050523-041D	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 16:59
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 12:09





## 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					
23050523-041E	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	SW-846 9060				05/22/2023 18:47
23050523-041F	BAL_OW-256	05/17/2023 11:16	05/17/2023 18:40		
	SW-846 9060				05/22/2023 14:02
23050523-042A	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 12:50
	Field Elevation Measurements				05/17/2023 12:50
	Standard Methods 2130 B Field				05/17/2023 12:50
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 12:50
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:40
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:40
	Standard Methods 2510 B Field				05/17/2023 12:50
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 11:14
	Standard Methods 2550 B Field				05/17/2023 12:50
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:11
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 18:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 18:10
	Standard Methods 4500-O G Field				05/17/2023 12:50
	Standard Methods 4500-P E 1999				05/19/2023 12:31
	Standard Methods 4500-P E 1999, 2011				05/19/2023 12:31
	SW-846 9036 (Total)				05/19/2023 13:28
	SW-846 9040B Field				05/17/2023 12:50
	SW-846 9214 (Total)				05/19/2023 13:26
	SW-846 9251 (Total)				05/19/2023 13:23
23050523-042B	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:57
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 11:57
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:41
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:41
	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)				05/19/2023 11:36
	SW-846 9251 (Dissolved)				05/19/2023 11:31
23050523-042C	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:28
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 20:54



## 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
	<b>Test Name</b>				
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/23/2023 13:41
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 20:49
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 20:52
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 18:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/23/2023 8:40
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:48
23050523-042D	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 17:01
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 11:49
23050523-042E	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	SW-846 9060				05/22/2023 18:53
23050523-042F	BAL_OW-257	05/17/2023 12:50	05/17/2023 18:40		
	SW-846 9060				05/22/2023 14:21
23050523-043A	BAL_PZ-169	05/16/2023 13:43	05/16/2023 18:45		
	Field Elevation Measurements				05/16/2023 13:43
23050523-044A	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 11:53
	Field Elevation Measurements				05/17/2023 11:53
	Standard Methods 2130 B Field				05/17/2023 11:53
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 11:53
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:48
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:48
	Standard Methods 2510 B Field				05/17/2023 11:53
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 11:15
	Standard Methods 2550 B Field				05/17/2023 11:53
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:11
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:10
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:10
	Standard Methods 4500-O G Field				05/17/2023 11:53
	Standard Methods 4500-P E 1999				05/18/2023 12:06
	Standard Methods 4500-P E 1999, 2011				05/18/2023 12:06
	SW-846 9036 (Total)				05/19/2023 13:36
	SW-846 9040B Field				05/17/2023 11:53
	SW-846 9214 (Total)				05/19/2023 11:59
	SW-846 9251 (Total)				05/19/2023 13:31
23050523-044B	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 12:04



## 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
	<b>Test Name</b>				
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 12:04
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:44
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:44
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/18/2023 12:09
	Standard Methods 4500-P E (Dissolved) 1999				05/18/2023 12:09
	SW-846 9036 (Dissolved)				05/19/2023 11:44
	SW-846 9251 (Dissolved)				05/19/2023 11:44
23050523-044C	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:32
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 18:53
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 20:57
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 20:56
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/31/2023 13:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/19/2023 20:20
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 18:34
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:50
23050523-044D	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 17:02
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 12:12
23050523-044E	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	SW-846 9060				05/22/2023 19:00
23050523-044F	BAL_PZ-170	05/17/2023 11:53	05/17/2023 18:40		
	SW-846 9060				05/22/2023 14:28
23050523-045A	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	Ferrous Iron by CHEMets Kit				05/17/2023 14:21
	Field Elevation Measurements				05/17/2023 14:21
	Standard Methods 2130 B Field				05/17/2023 14:21
	Standard Methods 18th Ed. 2580 B Field				05/17/2023 14:21
	Standard Methods 2320 B (Total) 1997, 2011				05/19/2023 12:55
	Standard Methods 2320 B 1997, 2011				05/19/2023 12:55
	Standard Methods 2510 B Field				05/17/2023 14:21
	Standard Methods 2540 C (Total) 1997, 2011				05/22/2023 11:15
	Standard Methods 2550 B Field				05/17/2023 14:21
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/18/2023 18:12
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:12
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/18/2023 15:12



## 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-O G Field				05/17/2023 14:21
	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)				05/19/2023 13:58
	SW-846 9040B Field				05/17/2023 14:21
	SW-846 9214 (Total)				05/19/2023 13:28
	SW-846 9251 (Total)				05/19/2023 13:58
23050523-045B	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 12:10
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/19/2023 12:10
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/18/2023 18:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:46
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/18/2023 14:46
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/19/2023 12:36
	Standard Methods 4500-P E (Dissolved) 1999				05/19/2023 12:36
	SW-846 9036 (Dissolved)				05/19/2023 11:52
	SW-846 9251 (Dissolved)				05/19/2023 11:47
23050523-045C	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/19/2023 23:54
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 18:58
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/22/2023 21:27
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/18/2023 11:47	05/26/2023 21:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/19/2023 21:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/18/2023 11:47	05/22/2023 16:36
	SW-846 7470A (Total)			05/18/2023 11:41	05/19/2023 8:53
23050523-045D	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/19/2023 17:02
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/18/2023 14:12	05/22/2023 12:13
23050523-045E	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	SW-846 9060				05/22/2023 19:06
23050523-045F	BAL_PZ-182	05/17/2023 14:21	05/17/2023 18:40		
	SW-846 9060				05/22/2023 14:34
23050523-046A	BAL_TPZ-159	06/02/2023 10:12	06/02/2023 10:12		
	Field Elevation Measurements				06/02/2023 10:12
23050523-047A	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	Ferrous Iron by CHEMets Kit				05/23/2023 12:29
	Field Elevation Measurements				05/23/2023 12:29



## 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-NO2 B (Total) 2000, 2011				05/24/2023 12:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:23
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:23
	Standard Methods 4500-P E 1999				05/25/2023 10:46
	Standard Methods 4500-P E 1999, 2011				05/25/2023 10:46
23050523-047B	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:12
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:12
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/25/2023 11:25
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/25/2023 11:25
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/30/2023 10:47
	Standard Methods 4500-P E (Dissolved) 1999				05/30/2023 10:47
	SW-846 9036 (Dissolved)				05/25/2023 14:00
	SW-846 9251 (Dissolved)				05/25/2023 13:56
23050523-047C	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 20:43
23050523-047D	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:46
23050523-047E	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	SW-846 9060				06/01/2023 21:19
23050523-047F	BAL_TPZ-164_pore	05/23/2023 12:29	05/23/2023 20:30		
	SW-846 9060				05/30/2023 22:22
23050523-048A	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	Ferrous Iron by CHEMets Kit				05/23/2023 14:03
	Field Elevation Measurements				05/23/2023 14:03
	Standard Methods 2130 B Field				05/23/2023 14:03
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 14:03
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 11:18
	Standard Methods 2320 B 1997, 2011				05/26/2023 11:18
	Standard Methods 2510 B Field				05/23/2023 14:03
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 9:24
	Standard Methods 2550 B Field				05/23/2023 14:03
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 12:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:25
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:25
	Standard Methods 4500-O G Field				05/23/2023 14:03



## 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
	<b>Test Name</b>				
	Standard Methods 4500-P E 1999				05/24/2023 11:26
	Standard Methods 4500-P E 1999, 2011				05/24/2023 11:26
	SW-846 9036 (Total)				05/28/2023 0:22
	SW-846 9040B Field				05/23/2023 14:03
	SW-846 9214 (Total)				05/26/2023 12:22
	SW-846 9251 (Total)				05/25/2023 17:24
23050523-048B	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:23
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 11:23
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:12
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:12
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/24/2023 11:58
	Standard Methods 4500-P E (Dissolved) 1999				05/24/2023 11:58
	SW-846 9036 (Dissolved)				05/27/2023 23:35
	SW-846 9251 (Dissolved)				05/25/2023 14:20
23050523-048C	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:09
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 10:00
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:46
23050523-048D	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:48
23050523-048E	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	SW-846 9060				06/01/2023 21:25
23050523-048F	BAL_XPW01	05/23/2023 14:03	05/23/2023 20:30		
	SW-846 9060				05/30/2023 22:29
23050523-049A	BAL_XPW02	05/23/2023 10:55	05/23/2023 20:30		
	Field Elevation Measurements				05/23/2023 10:55
	Standard Methods 2130 B Field				05/23/2023 10:55
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 10:55
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 11:29
	Standard Methods 2320 B 1997, 2011				05/26/2023 11:29
	Standard Methods 2510 B Field				05/23/2023 10:55
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:44
	Standard Methods 2550 B Field				05/23/2023 10:55
	Standard Methods 4500-O G Field				05/23/2023 10:55



## 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 9036 (Total)				05/25/2023 17:30
	SW-846 9040B Field				05/23/2023 10:55
	SW-846 9214 (Total)				05/26/2023 12:24
	SW-846 9251 (Total)				05/25/2023 17:32
23050523-049B	BAL_XPW02	05/23/2023 10:55	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:13
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 10:06
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:48
23050523-050A	BAL_XPW04	05/23/2023 13:03	05/23/2023 20:30		
	Field Elevation Measurements				05/23/2023 13:03
	Standard Methods 2130 B Field				05/23/2023 13:03
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 13:03
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 11:51
	Standard Methods 2320 B 1997, 2011				05/26/2023 11:51
	Standard Methods 2510 B Field				05/23/2023 13:03
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:44
	Standard Methods 2550 B Field				05/23/2023 13:03
	Standard Methods 4500-O G Field				05/23/2023 13:03
	SW-846 9036 (Total)				05/25/2023 17:58
	SW-846 9040B Field				05/23/2023 13:03
	SW-846 9214 (Total)				05/26/2023 12:37
	SW-846 9251 (Total)				05/25/2023 17:40
23050523-050B	BAL_XPW04	05/23/2023 13:03	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:17
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:25
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:29
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 11:14
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:55
23050523-051A	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	Ferrous Iron by CHEMets Kit				05/23/2023 11:42
	Field Elevation Measurements				05/23/2023 11:42
	Standard Methods 2130 B Field				05/23/2023 11:42
	Standard Methods 18th Ed. 2580 B Field				05/23/2023 11:42
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 11:57
	Standard Methods 2320 B 1997, 2011				05/26/2023 11:57
	Standard Methods 2510 B Field				05/23/2023 11:42



## 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				
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 8:45
	Standard Methods 2550 B Field				05/23/2023 11:42
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 12:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:28
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:28
	Standard Methods 4500-O G Field				05/23/2023 11:42
	Standard Methods 4500-P E 1999				05/24/2023 11:27
	Standard Methods 4500-P E 1999, 2011				05/24/2023 11:27
	SW-846 9036 (Total)				05/25/2023 18:06
	SW-846 9040B Field				05/23/2023 11:42
	SW-846 9214 (Total)				05/26/2023 12:39
	SW-846 9251 (Total)				05/25/2023 18:01
23050523-051B	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:03
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:03
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:14
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:14
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/24/2023 11:59
	Standard Methods 4500-P E (Dissolved) 1999				05/24/2023 11:59
	SW-846 9036 (Dissolved)				05/25/2023 14:33
	SW-846 9251 (Dissolved)				05/25/2023 14:28
23050523-051C	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:20
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:33
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 11:20
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 10:57
23050523-051D	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:49
23050523-051E	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	SW-846 9060				06/01/2023 21:32
23050523-051F	BAL_XPW05	05/23/2023 11:42	05/23/2023 20:30		
	SW-846 9060				05/30/2023 22:35
23050523-052A	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	Ferrous Iron by CHEMets Kit				05/23/2023 15:08
	Field Elevation Measurements				05/23/2023 15:08
	Standard Methods 2130 B Field				05/23/2023 15:08





## 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 18th Ed. 2580 B Field				05/23/2023 15:08
	Standard Methods 2320 B (Total) 1997, 2011				05/26/2023 12:08
	Standard Methods 2320 B 1997, 2011				05/26/2023 12:08
	Standard Methods 2510 B Field				05/23/2023 15:08
	Standard Methods 2540 C (Total) 1997, 2011				05/27/2023 9:24
	Standard Methods 2550 B Field				05/23/2023 15:08
	Standard Methods 4500-NO2 B (Total) 2000, 2011				05/24/2023 12:41
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				05/24/2023 15:48
	Standard Methods 4500-O G Field				05/23/2023 15:08
	Standard Methods 4500-P E 1999				05/24/2023 11:27
	Standard Methods 4500-P E 1999, 2011				05/24/2023 11:27
	SW-846 9036 (Total)				05/25/2023 18:14
	SW-846 9040B Field				05/23/2023 15:08
	SW-846 9214 (Total)				05/26/2023 12:40
	SW-846 9251 (Total)				05/25/2023 18:09
23050523-052B	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:15
	Standard Methods 2320 B (Dissolved) 1997, 2011				05/26/2023 12:15
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				05/24/2023 12:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:17
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				05/24/2023 15:17
	Standard Methods 4500-P E (Dissolved) 1999, 2011				05/30/2023 10:48
	Standard Methods 4500-P E (Dissolved) 1999				05/30/2023 10:48
	SW-846 9036 (Dissolved)				05/25/2023 14:41
	SW-846 9251 (Dissolved)				05/25/2023 14:36
23050523-052C	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/25/2023 21:24
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:36
	SW-846 3005A, 6010B, Metals by ICP (Total)			05/24/2023 12:46	05/26/2023 22:40
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			05/24/2023 12:46	05/27/2023 11:26
	SW-846 7470A (Total)			05/24/2023 12:10	05/25/2023 11:00
23050523-052D	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/25/2023 13:51
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			05/25/2023 7:47	05/30/2023 9:57
23050523-052E	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	SW-846 9060				06/01/2023 21:51



## 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					
23050523-052F	BAL_XPW06	05/23/2023 15:08	05/23/2023 20:30		
	SW-846 9060				05/30/2023 22:42
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
	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



## 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, 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		
	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



## 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 (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

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

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

Work Order: 23050523

Client Project: BAL-23Q2

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

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

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

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### 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

Work Order: 23050523

Client Project: BAL-23Q2

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

Work Order: 23050523

Client Project: BAL-23Q2

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			RPD Limit: 10				
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			RPD Limit: 10				
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			RPD Limit: 10				
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			RPD Limit: 10				
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			RPD Limit: 10				
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	



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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	



## 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 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	



## Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

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

Batch R328974		SampType: MS		Units mg/L							Date Analyzed
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		<b>0.251</b>	0.2500	0.01100	96.0	85	115	05/17/2023	

Batch R328974		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
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		<b>0.252</b>	0.2500	0.01100	96.4	0.2510	0.40	05/17/2023		

Batch R329033		SampType: MS		Units mg/L							Date Analyzed
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		<b>0.267</b>	0.2500	0.01600	100.4	85	115	05/18/2023	

Batch R329033		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
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		<b>0.252</b>	0.2500	0.01600	94.4	0.2670	5.78	05/18/2023		

Batch R329106		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	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.298</b>	0.2500	0.04700	100.4	85	115	05/19/2023	

Batch R329106		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		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.297</b>	0.2500	0.04700	100.0	0.2980	0.34	05/19/2023		

Batch R329246		SampType: MS		Units mg/L							Date Analyzed
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		<b>9.47</b>	2.500	7.090	95.1	85	115	05/23/2023	

Batch R329246		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
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		<b>9.57</b>	2.500	7.090	99.1	9.467	1.05	05/23/2023		



## Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

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

Batch R329416		SampType: MS		Units mg/L							Date
SampID: 23050523-047BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		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
SampID: 23050523-047BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		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
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		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
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		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
SampID: 23050523-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		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
SampID: 23050523-010AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		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
SampID: 23050523-031AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		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

Report Date: 19-Jun-23

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

Batch R328974		SampType: MSD		Units mg/L		RPD Limit: 10				
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		<b>0.852</b>	0.2500	0.5840	107.2	0.8510	0.12	05/17/2023

Batch R329033		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		< <b>0.050</b>						05/18/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	0.0090	0	0	-100	100	05/18/2023

Batch R329033		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		<b>0.511</b>	0.5000	0	102.2	90	110	05/18/2023

Batch R329033		SampType: MS		Units mg/L						
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		<b>0.247</b>	0.2500	0	98.8	85	115	05/18/2023

Batch R329033		SampType: MSD		Units mg/L		RPD Limit: 10				
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		<b>0.260</b>	0.2500	0	104.0	0.2470	5.13	05/18/2023

Batch R329106		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		< <b>0.050</b>						05/19/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	0.0090	0	0	-100	100	05/19/2023

Batch R329106		SampType: MBLK		Units mg/L						
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		< <b>0.050</b>						05/19/2023
Nitrogen, Nitrate-Nitrite (as N)	*	0.050		< <b>0.050</b>	0.0090	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

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

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		<b>0.512</b>	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		<b>1.73</b>	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		<b>1.75</b>	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		< <b>0.050</b>						05/23/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	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		<b>0.509</b>	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		<b>0.765</b>	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		<b>0.762</b>	0.2500	0.5120	100.0	0.7650	0.39	05/23/2023		





## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### 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	<b>0.246</b>	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	<b>0.250</b>	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		< <b>0.050</b>						05/24/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	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		<b>0.512</b>	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		<b>0.261</b>	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		<b>0.266</b>	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		< <b>0.050</b>						05/25/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	0.0090	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

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

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		<b>0.527</b>	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		<b>0.050</b>	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		<b>0.049</b>	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		<b>0.052</b>	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		<b>0.054</b>	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		<b>0.084</b>	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		<b>0.086</b>	0.0500	0.03200	108.0	0.08400	2.35	05/19/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### STANDARD METHODS 4500-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		<b>0.047</b>	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		<b>0.051</b>	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		<b>0.059</b>	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		<b>0.061</b>	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		<b>0.053</b>	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		<b>0.055</b>	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		<b>0.072</b>	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		<b>0.070</b>	0.0500	0.01700	106.0	0.07200	2.82	05/23/2023		



## Quality Control Results

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

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	<b>0.101</b>	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	<b>0.103</b>	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		<b>0.100</b>	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		<b>0.058</b>	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		<b>0.059</b>	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	



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### 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		<b>0.090</b>	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		<b>&lt; 0.010</b>	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		<b>0.099</b>	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		<b>0.060</b>	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		<b>0.059</b>	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		<b>&lt; 0.010</b>	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		<b>0.099</b>	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		<b>0.072</b>	0.0500	0.02000	104.0	85	115	05/23/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### STANDARD METHODS 4500-P E 1999, 2011

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		<b>0.072</b>	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		<b>&lt; 0.010</b>	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		<b>0.104</b>	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		<b>&lt; 10</b>	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		<b>19</b>	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	<b>43</b>	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		<b>43</b>	20.00	25.67	87.4	42.52	1.45	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 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		



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9036 (TOTAL)

Batch R329045		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	05/18/2023	

Batch R329045		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	95.5	90	110	05/18/2023	

Batch R329045		SampType: MS		Units mg/L							
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							
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							
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							
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							
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	





## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### 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		



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9036 (TOTAL)

Batch R329383		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	05/25/2023	

Batch R329383		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	91.8	90	110	05/25/2023	

Batch R329383		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	
Sulfate		10	SE	56	20.00	45.35	52.4	85	115	05/25/2023	

Batch R329383		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
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							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	05/27/2023	

Batch R329494		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	
Sulfate	*	10		< 10	6.140	0	0	-100	100	05/27/2023	

Batch R329494		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		19	20.00	0	94.3	90	110	05/27/2023	

Batch R329638		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	05/31/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9036 (TOTAL)

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		

### SW-846 9060

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

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9060

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	



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9060

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	



## Quality Control Results

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

Client: Ramboll

Work Order: 23050523

Client Project: BAL-23Q2

Report Date: 19-Jun-23

### SW-846 9060

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	



## Quality Control Results

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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	



## Quality Control Results

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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		





## Quality Control Results

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

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						RPD Limit: 15		Date Analyzed
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						RPD Limit: 15		Date Analyzed
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						RPD Limit: 15		Date Analyzed
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

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

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 Analyzed
SampID: 23050523-010BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date 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 Analyzed
SampID: 23050523-010BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date 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 Analyzed
SampID: 23050523-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date 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 Analyzed
SampID: 23050523-035BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date 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 Analyzed
SampID: 23050523-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date 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 Analyzed
SampID: 23050523-002BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date 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 Analyzed
SampID: 23050523-032BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date 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 Analyzed
SampID: 23050523-032BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		4	E	64	20.00	43.09	105.3	62.69	2.30	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 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

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

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

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

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

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

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

<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 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

<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 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		<b>3.76</b>	4.000	0	94.0	3.570	5.18	05/18/2023	
Calcium		0.100		<b>42.5</b>	5.000	36.70	115.4	41.10	3.28	05/18/2023	
Iron		0.0400		<b>3.96</b>	4.000	0	99.0	3.740	5.71	05/18/2023	
Magnesium		0.0500		<b>26.3</b>	5.000	21.57	94.8	25.41	3.45	05/18/2023	
Manganese		0.0070		<b>0.978</b>	1.000	0.01120	96.6	0.9243	5.62	05/18/2023	
Potassium		0.100	E	<b>10.3</b>	5.000	5.125	104.2	9.939	3.88	05/18/2023	
Silicon	*	0.0500		<b>4.71</b>	1.000	3.630	108.1	4.565	3.15	05/18/2023	
Sodium		0.0500	S	<b>1110</b>	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		< <b>0.0250</b>	0.0127	0	0	-100	100	05/19/2023
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	05/19/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	05/19/2023
Iron		0.0400		< <b>0.0400</b>	0.0200	0	0	-100	100	05/19/2023
Magnesium		0.0500		< <b>0.0500</b>	0.0055	0	0	-100	100	05/19/2023
Manganese		0.0070		< <b>0.0070</b>	0.0025	0	0	-100	100	05/19/2023
Potassium		0.100		< <b>0.100</b>	0.0400	0	0	-100	100	05/19/2023
Silicon	*	0.0500		< <b>0.0500</b>	0.0122	0	0	-100	100	05/22/2023
Sodium		0.0500		< <b>0.0500</b>	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		<b>1.81</b>	2.000	0	90.5	85	115	05/22/2023
Boron		0.0200		<b>0.437</b>	0.5000	0	87.3	85	115	05/19/2023
Calcium		0.100		<b>2.26</b>	2.500	0	90.5	85	115	05/19/2023
Iron		0.0400		<b>1.80</b>	2.000	0	90.0	85	115	05/19/2023
Magnesium		0.0500		<b>2.15</b>	2.500	0	86.0	85	115	05/19/2023
Manganese		0.0070		<b>0.436</b>	0.5000	0	87.3	85	115	05/19/2023
Potassium		0.100		<b>2.40</b>	2.500	0	96.0	85	115	05/19/2023
Silicon	*	0.0500		<b>0.489</b>	0.5000	0	97.8	85	115	05/19/2023
Silicon	*	0.0500		<b>0.492</b>	0.5000	0	98.3	85	115	05/22/2023
Sodium		0.0500		<b>2.18</b>	2.500	0	87.3	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 (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		<b>1.69</b>	2.000	0	84.6	75	125	05/19/2023
Calcium		0.100	S	<b>77.1</b>	2.500	76.60	20.8	75	125	05/19/2023
Iron		0.0400		<b>2.10</b>	2.000	0.2560	92.2	75	125	05/19/2023
Magnesium		0.0500	S	<b>32.7</b>	2.500	31.33	55.8	75	125	05/19/2023
Manganese		0.0070		<b>0.778</b>	0.5000	0.3449	86.5	75	125	05/19/2023
Potassium		0.100		<b>3.16</b>	2.500	0.7591	96.0	75	125	05/19/2023
Silicon	*	0.0500	S	<b>10.8</b>	0.5000	10.44	72.9	75	125	05/22/2023
Sodium		0.0500	S	<b>51.8</b>	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		<b>1.69</b>	2.000	0	84.4	1.693	0.21	05/19/2023
Calcium		0.100	S	<b>77.7</b>	2.500	76.60	45.6	77.12	0.80	05/19/2023
Iron		0.0400		<b>2.11</b>	2.000	0.2560	92.7	2.100	0.48	05/19/2023
Magnesium		0.0500	S	<b>33.2</b>	2.500	31.33	72.9	32.73	1.30	05/19/2023
Manganese		0.0070		<b>0.789</b>	0.5000	0.3449	88.7	0.7776	1.40	05/19/2023
Potassium		0.100		<b>3.15</b>	2.500	0.7591	95.6	3.160	0.39	05/19/2023
Silicon	*	0.0500	S	<b>10.7</b>	0.5000	10.44	45.7	10.80	1.27	05/22/2023
Sodium		0.0500	S	<b>51.4</b>	2.500	50.26	45.6	51.75	0.68	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 (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

<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 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		<b>1.83</b>	2.000	0	91.5	85	115	05/22/2023
Aluminum		0.0250		<b>1.89</b>	2.000	0	94.5	85	115	05/22/2023
Aluminum		0.0250		<b>1.85</b>	2.000	0	92.6	85	115	05/22/2023
Boron		0.0200		<b>0.464</b>	0.5000	0	92.9	85	115	05/22/2023
Boron		0.0200		<b>0.471</b>	0.5000	0	94.2	85	115	05/22/2023
Boron		0.0200		<b>0.463</b>	0.5000	0	92.6	85	115	05/22/2023
Calcium		0.100		<b>2.49</b>	2.500	0	99.4	85	115	05/22/2023
Calcium		0.100		<b>2.43</b>	2.500	0	97.3	85	115	05/22/2023
Calcium		0.100		<b>2.42</b>	2.500	0	96.8	85	115	05/22/2023
Iron		0.0400		<b>1.83</b>	2.000	0	91.7	85	115	05/22/2023
Iron		0.0400		<b>1.83</b>	2.000	0	91.5	85	115	05/22/2023
Iron		0.0400		<b>1.84</b>	2.000	0	92.1	85	115	05/22/2023
Magnesium		0.0500	S	<b>2.12</b>	2.500	0	84.9	85	115	05/22/2023
Magnesium		0.0500		<b>2.21</b>	2.500	0	88.3	85	115	05/22/2023
Manganese		0.0070		<b>0.471</b>	0.5000	0	94.1	85	115	05/22/2023
Manganese		0.0070		<b>0.466</b>	0.5000	0	93.2	85	115	05/22/2023
Manganese		0.0070		<b>0.475</b>	0.5000	0	95.0	85	115	05/22/2023
Potassium		0.100		<b>2.64</b>	2.500	0	105.6	85	115	05/22/2023
Potassium		0.100		<b>2.73</b>	2.500	0	109.2	85	115	05/22/2023
Potassium		0.100		<b>2.63</b>	2.500	0	105.1	85	115	05/22/2023
Silicon	*	0.0500		<b>0.503</b>	0.5000	0	100.6	85	115	05/22/2023
Silicon	*	0.0500		<b>0.505</b>	0.5000	0	101.0	85	115	05/22/2023
Silicon	*	0.0500		<b>0.500</b>	0.5000	0	100.1	85	115	05/22/2023
Sodium		0.0500		<b>2.38</b>	2.500	0	95.2	85	115	05/22/2023
Sodium		0.0500		<b>2.36</b>	2.500	0	94.6	85	115	05/22/2023
Sodium		0.0500		<b>2.45</b>	2.500	0	97.9	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 (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

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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 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							RPD Limit: 20	
SampID: 23050523-025DMSD												
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

<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						Date					
SampID: MBLK-206255						Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	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		<b>2.02</b>	2.000	0	100.8	85	115	05/19/2023	
Aluminum		0.0250		<b>1.97</b>	2.000	0	98.6	85	115	05/22/2023	
Aluminum		0.0250		<b>1.91</b>	2.000	0	95.6	85	115	05/18/2023	
Antimony		0.0500		<b>0.484</b>	0.5000	0	96.7	85	115	05/18/2023	
Antimony		0.0500		<b>0.497</b>	0.5000	0	99.4	85	115	05/22/2023	
Antimony		0.0500		<b>0.503</b>	0.5000	0	100.6	85	115	05/19/2023	
Arsenic		0.0250		<b>0.506</b>	0.5000	0	101.1	85	115	05/18/2023	
Arsenic		0.0250		<b>0.529</b>	0.5000	0	105.7	85	115	05/19/2023	
Arsenic		0.0250		<b>0.508</b>	0.5000	0	101.7	85	115	05/22/2023	
Barium		0.0025		<b>1.99</b>	2.000	0	99.5	85	115	05/22/2023	
Barium		0.0025		<b>1.97</b>	2.000	0	98.4	85	115	05/18/2023	
Barium		0.0025		<b>2.13</b>	2.000	0	106.3	85	115	05/19/2023	
Beryllium		0.0005		<b>0.0523</b>	0.0500	0	104.6	85	115	05/19/2023	
Beryllium		0.0005		<b>0.0495</b>	0.0500	0	99.0	85	115	05/18/2023	
Beryllium		0.0005		<b>0.0479</b>	0.0500	0	95.8	85	115	05/22/2023	
Boron		0.0200		<b>0.489</b>	0.5000	0	97.8	85	115	05/18/2023	
Boron		0.0200		<b>0.507</b>	0.5000	0	101.4	85	115	05/19/2023	
Boron		0.0200		<b>0.506</b>	0.5000	0	101.3	85	115	05/22/2023	
Cadmium		0.0020		<b>0.0503</b>	0.0500	0	100.6	85	115	05/18/2023	
Cadmium		0.0020		<b>0.0472</b>	0.0500	0	94.4	85	115	05/22/2023	
Cadmium		0.0020		<b>0.0523</b>	0.0500	0	104.6	85	115	05/19/2023	
Calcium		0.100		<b>2.61</b>	2.500	0	104.6	85	115	05/22/2023	
Calcium		0.100		<b>2.62</b>	2.500	0	104.7	85	115	05/19/2023	
Calcium		0.100		<b>2.51</b>	2.500	0	100.5	85	115	05/18/2023	
Chromium		0.0050		<b>0.205</b>	0.2000	0	102.6	85	115	05/19/2023	
Chromium		0.0050		<b>0.196</b>	0.2000	0	98.0	85	115	05/22/2023	
Chromium		0.0050		<b>0.195</b>	0.2000	0	97.6	85	115	05/18/2023	
Cobalt		0.0050		<b>0.525</b>	0.5000	0	105.0	85	115	05/19/2023	
Cobalt		0.0050		<b>0.494</b>	0.5000	0	98.8	85	115	05/18/2023	
Cobalt		0.0050		<b>0.496</b>	0.5000	0	99.1	85	115	05/22/2023	
Iron		0.0400		<b>2.09</b>	2.000	0	104.4	85	115	05/19/2023	
Iron		0.0400		<b>1.97</b>	2.000	0	98.6	85	115	05/22/2023	
Iron		0.0400		<b>1.98</b>	2.000	0	98.9	85	115	05/18/2023	
Lead		0.0150		<b>0.478</b>	0.5000	0	95.5	85	115	05/22/2023	
Lead		0.0150		<b>0.494</b>	0.5000	0	98.7	85	115	05/18/2023	
Lead		0.0150		<b>0.488</b>	0.5000	0	97.6	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 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		<b>0.541</b>	0.5000	0	108.2	85	115	05/19/2023
Lithium	*	0.0050		<b>0.535</b>	0.5000	0	107.0	85	115	05/22/2023
Magnesium		0.0500		<b>2.58</b>	2.500	0	103.0	85	115	05/19/2023
Magnesium		0.0500		<b>2.28</b>	2.500	0	91.4	85	115	05/22/2023
Magnesium		0.0500		<b>2.34</b>	2.500	0	93.4	85	115	05/18/2023
Manganese		0.0070		<b>0.470</b>	0.5000	0	94.0	85	115	05/22/2023
Manganese		0.0070		<b>0.494</b>	0.5000	0	98.8	85	115	05/18/2023
Manganese		0.0070		<b>0.519</b>	0.5000	0	103.8	85	115	05/19/2023
Manganese		0.0070		<b>0.504</b>	0.5000	0	100.7	85	115	05/22/2023
Molybdenum		0.0100		<b>0.474</b>	0.5000	0	94.9	85	115	05/18/2023
Molybdenum		0.0100		<b>0.479</b>	0.5000	0	95.9	85	115	05/22/2023
Molybdenum		0.0100		<b>0.500</b>	0.5000	0	100.1	85	115	05/19/2023
Potassium		0.100		<b>2.58</b>	2.500	0	103.0	85	115	05/18/2023
Potassium		0.100		<b>2.81</b>	2.500	0	112.2	85	115	05/22/2023
Potassium		0.100		<b>2.60</b>	2.500	0	104.1	85	115	05/19/2023
Selenium		0.0400		<b>0.495</b>	0.5000	0	99.0	85	115	05/18/2023
Selenium		0.0400		<b>0.524</b>	0.5000	0	104.9	85	115	05/19/2023
Selenium		0.0400		<b>0.489</b>	0.5000	0	97.8	85	115	05/22/2023
Silicon	*	0.0500		<b>0.543</b>	0.5000	0	108.5	85	115	05/22/2023
Sodium		0.0500		<b>2.57</b>	2.500	0	102.9	85	115	05/22/2023
Sodium		0.0500		<b>2.40</b>	2.500	0	96.1	85	115	05/18/2023
Sodium		0.0500		<b>2.42</b>	2.500	0	97.0	85	115	05/19/2023
Thallium		0.0500		<b>0.241</b>	0.2500	0	96.4	85	115	05/22/2023
Thallium		0.0500		<b>0.240</b>	0.2500	0	96.0	85	115	05/19/2023
Thallium		0.0500		<b>0.241</b>	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		<b>2.14</b>	2.000	0.1068	101.7	75	125	05/20/2023
Arsenic		0.0250		<b>0.523</b>	0.5000	0	104.6	75	125	05/20/2023
Barium		0.0025		<b>2.18</b>	2.000	0.08320	104.7	75	125	05/20/2023
Beryllium		0.0005		<b>0.0519</b>	0.0500	0	103.8	75	125	05/20/2023
Boron		0.0200		<b>0.541</b>	0.5000	0.03950	100.3	75	125	05/20/2023
Cadmium		0.0020		<b>0.0511</b>	0.0500	0	102.2	75	125	05/20/2023
Calcium		0.100	S	<b>91.2</b>	2.500	92.26	-44.0	75	125	05/20/2023
Chromium		0.0050		<b>0.200</b>	0.2000	0	100.0	75	125	05/20/2023
Iron		0.0400		<b>2.69</b>	2.000	0.6362	102.7	75	125	05/20/2023
Lead		0.0150		<b>0.534</b>	0.5000	0	106.9	75	125	05/22/2023
Lithium		0.0050		<b>0.602</b>	0.5000	0	120.3	75	125	05/22/2023
Magnesium		0.0500	S	<b>35.1</b>	2.500	34.12	40.4	75	125	05/20/2023
Manganese		0.0070		<b>0.795</b>	0.5000	0.2936	100.3	75	125	05/20/2023
Molybdenum		0.0100		<b>0.498</b>	0.5000	0	99.7	75	125	05/20/2023
Potassium		0.100		<b>3.27</b>	2.500	0.5795	107.7	75	125	05/20/2023
Silicon	*	0.0500		<b>11.1</b>	0.5000	10.57	99.2	75	125	05/22/2023
Sodium		0.0500	S	<b>79.7</b>	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 Analyzed
SampID: 23050523-011CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Aluminum		0.0250		<b>2.17</b>	2.000	0.1068	103.2	2.141	1.35	05/20/2023	
Arsenic		0.0250		<b>0.538</b>	0.5000	0	107.7	0.5228	2.92	05/20/2023	
Barium		0.0025		<b>2.24</b>	2.000	0.08320	107.7	2.178	2.72	05/20/2023	
Beryllium		0.0005		<b>0.0533</b>	0.0500	0	106.6	0.05190	2.66	05/20/2023	
Boron		0.0200		<b>0.558</b>	0.5000	0.03950	103.8	0.5412	3.11	05/20/2023	
Cadmium		0.0020		<b>0.0523</b>	0.0500	0	104.6	0.05110	2.32	05/20/2023	
Calcium		0.100	S	<b>93.9</b>	2.500	92.26	64.0	91.16	2.92	05/20/2023	
Chromium		0.0050		<b>0.207</b>	0.2000	0	103.4	0.2001	3.29	05/20/2023	
Iron		0.0400		<b>2.75</b>	2.000	0.6362	105.8	2.691	2.24	05/20/2023	
Lead		0.0150		<b>0.516</b>	0.5000	0	103.1	0.5343	3.54	05/22/2023	
Lithium		0.0050		<b>0.579</b>	0.5000	0	115.8	0.6017	3.85	05/22/2023	
Magnesium		0.0500		<b>36.3</b>	2.500	34.12	86.4	35.13	3.22	05/20/2023	
Manganese		0.0070		<b>0.818</b>	0.5000	0.2936	104.8	0.7953	2.75	05/20/2023	
Molybdenum		0.0100		<b>0.511</b>	0.5000	0	102.2	0.4985	2.52	05/20/2023	
Potassium		0.100		<b>3.34</b>	2.500	0.5795	110.5	3.273	2.12	05/20/2023	
Silicon	*	0.0500		<b>11.1</b>	0.5000	10.57	96.7	11.06	0.11	05/22/2023	
Sodium		0.0500		<b>81.8</b>	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)

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
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							
SampID: 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	206278	SampType:	LCS	Units	mg/L						Date	
SampID:	LCS-206278											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Aluminum		0.0250		<b>1.98</b>	2.000	0	99.2	85	115		05/18/2023	
Aluminum		0.0250		<b>2.05</b>	2.000	0	102.5	85	115		05/22/2023	
Aluminum		0.0250		<b>2.16</b>	2.000	0	107.8	85	115		05/22/2023	
Antimony		0.0500		<b>0.505</b>	0.5000	0	101.0	85	115		05/18/2023	
Arsenic		0.0250		<b>0.520</b>	0.5000	0	104.1	85	115		05/22/2023	
Arsenic		0.0250		<b>0.522</b>	0.5000	0	104.5	85	115		05/18/2023	
Barium		0.0025		<b>2.07</b>	2.000	0	103.5	85	115		05/18/2023	
Barium		0.0025		<b>2.02</b>	2.000	0	101.0	85	115		05/22/2023	
Beryllium		0.0005		<b>0.0511</b>	0.0500	0	102.2	85	115		05/18/2023	
Beryllium		0.0005		<b>0.0570</b>	0.0500	0	114.0	85	115		05/22/2023	
Boron		0.0200		<b>0.506</b>	0.5000	0	101.3	85	115		05/18/2023	
Boron		0.0200		<b>0.518</b>	0.5000	0	103.7	85	115		05/22/2023	
Boron		0.0200		<b>0.554</b>	0.5000	0	110.7	85	115		05/22/2023	
Cadmium		0.0020		<b>0.0512</b>	0.0500	0	102.4	85	115		05/18/2023	
Cadmium		0.0020		<b>0.0480</b>	0.0500	0	96.0	85	115		05/22/2023	
Cadmium		0.0020		<b>0.0540</b>	0.0500	0	108.0	85	115		05/22/2023	
Calcium		0.100		<b>2.63</b>	2.500	0	105.3	85	115		05/18/2023	
Calcium		0.100		<b>2.69</b>	2.500	0	107.5	85	115		05/22/2023	
Chromium		0.0050		<b>0.200</b>	0.2000	0	99.8	85	115		05/22/2023	
Chromium		0.0050		<b>0.201</b>	0.2000	0	100.5	85	115		05/18/2023	
Chromium		0.0050		<b>0.220</b>	0.2000	0	109.8	85	115		05/22/2023	
Cobalt		0.0050		<b>0.508</b>	0.5000	0	101.6	85	115		05/18/2023	
Iron		0.0400		<b>2.20</b>	2.000	0	109.8	85	115		05/22/2023	
Iron		0.0400		<b>2.07</b>	2.000	0	103.5	85	115		05/22/2023	
Iron		0.0400		<b>2.07</b>	2.000	0	103.5	85	115		05/18/2023	
Lead		0.0150		<b>0.494</b>	0.5000	0	98.7	85	115		05/22/2023	
Lead		0.0150		<b>0.536</b>	0.5000	0	107.3	85	115		05/22/2023	
Lead		0.0150		<b>0.504</b>	0.5000	0	100.9	85	115		05/18/2023	
Lithium	*	0.0050	B	<b>0.550</b>	0.5000	0	109.9	85	115		05/26/2023	
Magnesium		0.0500		<b>2.31</b>	2.500	0	92.6	85	115		05/22/2023	
Magnesium		0.0500		<b>2.38</b>	2.500	0	95.1	85	115		05/18/2023	
Magnesium		0.0500		<b>2.81</b>	2.500	0	112.3	85	115		05/22/2023	
Manganese		0.0070		<b>0.517</b>	0.5000	0	103.5	85	115		05/22/2023	
Manganese		0.0070		<b>0.552</b>	0.5000	0	110.4	85	115		05/22/2023	
Manganese		0.0070		<b>0.510</b>	0.5000	0	101.9	85	115		05/18/2023	
Molybdenum		0.0100		<b>0.489</b>	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		<b>0.492</b>	0.5000	0	98.4	85	115	05/22/2023	
Potassium		0.100		<b>2.77</b>	2.500	0	110.9	85	115	05/22/2023	
Potassium		0.100		<b>2.72</b>	2.500	0	108.7	85	115	05/18/2023	
Potassium		0.100		<b>2.87</b>	2.500	0	114.7	85	115	05/23/2023	
Selenium		0.0400		<b>0.512</b>	0.5000	0	102.4	85	115	05/18/2023	
Silicon	*	0.0500		<b>0.489</b>	0.5000	0	97.8	85	115	05/26/2023	
Silicon	*	0.0500	B	<b>0.571</b>	0.5000	0	114.1	85	115	05/22/2023	
Silicon	*	0.0500	B	<b>0.528</b>	0.5000	0	105.5	85	115	05/22/2023	
Sodium		0.0500		<b>2.60</b>	2.500	0	103.9	85	115	05/22/2023	
Sodium		0.0500		<b>2.66</b>	2.500	0	106.4	85	115	05/22/2023	
Sodium		0.0500		<b>2.52</b>	2.500	0	101.0	85	115	05/18/2023	
Thallium		0.0500		<b>0.243</b>	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		<b>4.48</b>	4.000	0.2738	105.2	75	125	05/22/2023	
Arsenic		0.0250		<b>1.06</b>	1.000	0	105.7	75	125	05/22/2023	
Barium		0.0025		<b>4.05</b>	4.000	0.1324	97.9	75	125	05/22/2023	
Beryllium		0.0005		<b>0.100</b>	0.1000	0	100.1	75	125	05/22/2023	
Boron		0.0200		<b>1.29</b>	1.000	0.2321	106.0	75	125	05/22/2023	
Cadmium		0.0020		<b>0.0947</b>	0.1000	0	94.7	75	125	05/22/2023	
Calcium		0.100	S	<b>127</b>	5.000	124.0	57.8	75	125	05/22/2023	
Chromium		0.0050		<b>0.409</b>	0.4000	0	102.2	75	125	05/22/2023	
Iron		0.0400		<b>4.52</b>	4.000	0.2700	106.2	75	125	05/22/2023	
Lead		0.0150		<b>1.00</b>	1.000	0	100.1	75	125	05/22/2023	
Lithium		0.0050		<b>1.01</b>	1.000	0.002400	100.6	75	125	05/22/2023	
Magnesium		0.0500		<b>44.2</b>	5.000	39.90	86.5	75	125	05/22/2023	
Manganese		0.0070		<b>1.50</b>	1.000	0.4216	107.5	75	125	05/22/2023	
Molybdenum		0.0100		<b>1.01</b>	1.000	0.005400	100.8	75	125	05/22/2023	
Potassium		0.100		<b>8.35</b>	5.000	3.423	98.6	75	125	05/22/2023	
Silicon	*	0.0500	S	<b>12.0</b>	1.000	12.22	-25.0	75	125	05/26/2023	
Sodium		0.0500	S	<b>102</b>	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		<b>4.50</b>	4.000	0.2738	105.7	4.480	0.45	05/22/2023	
Arsenic		0.0250		<b>1.05</b>	1.000	0	104.9	1.057	0.77	05/22/2023	
Barium		0.0025		<b>4.08</b>	4.000	0.1324	98.7	4.050	0.74	05/22/2023	
Beryllium		0.0005		<b>0.0988</b>	0.1000	0	98.8	0.1001	1.31	05/22/2023	
Boron		0.0200		<b>1.30</b>	1.000	0.2321	106.4	1.292	0.33	05/22/2023	
Cadmium		0.0020		<b>0.0965</b>	0.1000	0	96.5	0.09470	1.88	05/22/2023	
Calcium		0.100		<b>129</b>	5.000	124.0	98.8	126.8	1.60	05/22/2023	
Chromium		0.0050		<b>0.409</b>	0.4000	0	102.4	0.4087	0.17	05/22/2023	
Iron		0.0400		<b>4.64</b>	4.000	0.2700	109.3	4.520	2.62	05/22/2023	
Lead		0.0150		<b>1.00</b>	1.000	0	100.4	1.001	0.26	05/22/2023	
Lithium		0.0050		<b>1.01</b>	1.000	0.002400	101.0	1.008	0.40	05/22/2023	
Magnesium		0.0500		<b>44.9</b>	5.000	39.90	100.9	44.23	1.61	05/22/2023	
Manganese		0.0070		<b>1.48</b>	1.000	0.4216	105.8	1.497	1.19	05/22/2023	
Molybdenum		0.0100		<b>1.01</b>	1.000	0.005400	100.7	1.013	0.03	05/22/2023	
Potassium		0.100		<b>8.27</b>	5.000	3.423	97.0	8.352	0.97	05/22/2023	
Silicon	*	0.0500	S	<b>12.3</b>	1.000	12.22	6.0	11.97	2.56	05/26/2023	
Sodium		0.0500		<b>104</b>	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 mg/L									Date Analyzed
SampID:	MBLK-206326										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
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

<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: 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		<b>2.05</b>	2.000	0	102.3	85	115	05/19/2023
Aluminum		0.0250		<b>1.85</b>	2.000	0	92.4	85	115	05/19/2023
Arsenic		0.0250		<b>0.501</b>	0.5000	0	100.1	85	115	05/22/2023
Arsenic		0.0250		<b>0.508</b>	0.5000	0	101.5	85	115	05/19/2023
Arsenic		0.0250		<b>0.541</b>	0.5000	0	108.1	85	115	05/19/2023
Barium		0.0025		<b>2.16</b>	2.000	0	108.0	85	115	05/19/2023
Barium		0.0025		<b>2.03</b>	2.000	0	101.5	85	115	05/19/2023
Barium		0.0025		<b>2.01</b>	2.000	0	100.5	85	115	05/22/2023
Beryllium		0.0005		<b>0.0498</b>	0.0500	0	99.6	85	115	05/22/2023
Beryllium		0.0005		<b>0.0532</b>	0.0500	0	106.4	85	115	05/19/2023
Beryllium		0.0005		<b>0.0498</b>	0.0500	0	99.6	85	115	05/19/2023
Boron		0.0200		<b>0.499</b>	0.5000	0	99.7	85	115	05/22/2023
Boron		0.0200		<b>0.481</b>	0.5000	0	96.1	85	115	05/19/2023
Boron		0.0200		<b>0.515</b>	0.5000	0	102.9	85	115	05/19/2023
Cadmium		0.0020		<b>0.0499</b>	0.0500	0	99.8	85	115	05/22/2023
Cadmium		0.0020		<b>0.0472</b>	0.0500	0	94.4	85	115	05/24/2023
Cadmium		0.0020		<b>0.0541</b>	0.0500	0	108.2	85	115	05/19/2023
Cadmium		0.0020		<b>0.0531</b>	0.0500	0	106.2	85	115	05/19/2023
Calcium		0.100		<b>2.67</b>	2.500	0	106.6	85	115	05/19/2023
Calcium		0.100		<b>2.57</b>	2.500	0	103.0	85	115	05/22/2023
Calcium		0.100		<b>2.49</b>	2.500	0	99.6	85	115	05/19/2023
Chromium		0.0050		<b>0.194</b>	0.2000	0	96.8	85	115	05/22/2023
Chromium		0.0050		<b>0.209</b>	0.2000	0	104.6	85	115	05/19/2023
Chromium		0.0050		<b>0.196</b>	0.2000	0	98.2	85	115	05/19/2023
Iron		0.0400		<b>1.97</b>	2.000	0	98.7	85	115	05/19/2023
Iron		0.0400		<b>1.95</b>	2.000	0	97.5	85	115	05/22/2023
Iron		0.0400		<b>2.11</b>	2.000	0	105.7	85	115	05/19/2023
Lead		0.0150		<b>0.488</b>	0.5000	0	97.5	85	115	05/19/2023
Lead		0.0150		<b>0.548</b>	0.5000	0	109.7	85	115	05/19/2023
Lead		0.0150		<b>0.480</b>	0.5000	0	96.1	85	115	05/22/2023
Lead		0.0150		<b>0.530</b>	0.5000	0	105.9	85	115	05/22/2023
Lithium	*	0.0050		<b>0.574</b>	0.5000	0	114.8	85	115	05/25/2023
Lithium	*	0.0050		<b>0.475</b>	0.5000	0	95.0	85	115	05/22/2023
Magnesium		0.0500		<b>2.61</b>	2.500	0	104.4	85	115	05/19/2023
Magnesium		0.0500		<b>2.25</b>	2.500	0	90.1	85	115	05/22/2023
Magnesium		0.0500		<b>2.37</b>	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		<b>0.492</b>	0.5000	0	98.3	85	115	05/22/2023
Manganese		0.0070		<b>0.527</b>	0.5000	0	105.5	85	115	05/19/2023
Manganese		0.0070		<b>0.477</b>	0.5000	0	95.4	85	115	05/19/2023
Molybdenum		0.0100		<b>0.470</b>	0.5000	0	93.9	85	115	05/19/2023
Molybdenum		0.0100		<b>0.475</b>	0.5000	0	95.0	85	115	05/22/2023
Molybdenum		0.0100		<b>0.508</b>	0.5000	0	101.5	85	115	05/19/2023
Potassium		0.100		<b>2.63</b>	2.500	0	105.1	85	115	05/19/2023
Potassium		0.100		<b>2.65</b>	2.500	0	106.1	85	115	05/19/2023
Potassium		0.100		<b>2.73</b>	2.500	0	109.1	85	115	05/22/2023
Silicon	*	0.0500		<b>0.482</b>	0.5000	0	96.4	85	115	05/25/2023
Silicon	*	0.0500		<b>0.540</b>	0.5000	0	108.0	85	115	05/22/2023
Sodium		0.0500		<b>2.44</b>	2.500	0	97.7	85	115	05/19/2023
Sodium		0.0500		<b>2.53</b>	2.500	0	101.2	85	115	05/22/2023
Sodium		0.0500		<b>2.46</b>	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		<b>2.46</b>	2.000	0.4205	102.1	75	125	05/19/2023
Arsenic		0.0250		<b>0.554</b>	0.5000	0	110.9	75	125	05/19/2023
Barium		0.0025		<b>2.27</b>	2.000	0.06920	110.2	75	125	05/19/2023
Beryllium		0.0005		<b>0.0543</b>	0.0500	0	108.6	75	125	05/19/2023
Boron		0.0200		<b>1.03</b>	0.5000	0.4842	109.8	75	125	05/19/2023
Cadmium		0.0020		<b>0.0532</b>	0.0500	0	106.4	75	125	05/19/2023
Calcium		0.100	S	<b>150</b>	2.500	143.2	268.0	75	125	05/19/2023
Chromium		0.0050		<b>0.211</b>	0.2000	0	105.6	75	125	05/19/2023
Iron		0.0400		<b>2.60</b>	2.000	0.4629	107.1	75	125	05/19/2023
Lead		0.0150		<b>0.515</b>	0.5000	0	103.0	75	125	05/22/2023
Lithium		0.0050		<b>0.551</b>	0.5000	0.006900	108.8	75	125	05/26/2023
Magnesium		0.0500	S	<b>59.4</b>	2.500	55.50	158.0	75	125	05/19/2023
Manganese		0.0070		<b>0.871</b>	0.5000	0.3253	109.1	75	125	05/19/2023
Molybdenum		0.0100		<b>0.518</b>	0.5000	0	103.7	75	125	05/19/2023
Potassium		0.100		<b>3.32</b>	2.500	0.5142	112.2	75	125	05/19/2023
Silicon	*	0.0500	S	<b>20.0</b>	0.5000	18.99	202.8	75	125	05/22/2023
Sodium		0.0500	S	<b>48.7</b>	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 Analyzed
SampID: 23050523-045CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Aluminum		0.0250		<b>2.45</b>	2.000	0.4205	101.3	2.462	0.61	05/20/2023	
Arsenic		0.0250		<b>0.532</b>	0.5000	0	106.3	0.5545	4.24	05/20/2023	
Barium		0.0025		<b>2.20</b>	2.000	0.06920	106.4	2.273	3.40	05/20/2023	
Beryllium		0.0005		<b>0.0525</b>	0.0500	0	105.0	0.05430	3.37	05/20/2023	
Boron		0.0200		<b>0.998</b>	0.5000	0.4842	102.8	1.033	3.42	05/20/2023	
Cadmium		0.0020		<b>0.0515</b>	0.0500	0	103.0	0.05320	3.25	05/20/2023	
Calcium		0.100	S	<b>145</b>	2.500	143.2	60.0	149.9	3.53	05/20/2023	
Chromium		0.0050		<b>0.204</b>	0.2000	0	102.0	0.2111	3.47	05/20/2023	
Iron		0.0400		<b>2.52</b>	2.000	0.4629	103.0	2.604	3.16	05/20/2023	
Lead		0.0150		<b>0.518</b>	0.5000	0	103.5	0.5150	0.52	05/22/2023	
Lithium		0.0050		<b>0.526</b>	0.5000	0.006900	103.9	0.5508	4.57	05/26/2023	
Magnesium		0.0500		<b>57.5</b>	2.500	55.50	81.2	59.45	3.28	05/20/2023	
Manganese		0.0070		<b>0.842</b>	0.5000	0.3253	103.3	0.8707	3.36	05/20/2023	
Molybdenum		0.0100		<b>0.504</b>	0.5000	0	100.7	0.5183	2.88	05/20/2023	
Potassium		0.100		<b>3.22</b>	2.500	0.5142	108.3	3.318	2.97	05/20/2023	
Silicon	*	0.0500		<b>19.5</b>	0.5000	18.99	92.9	20.00	2.79	05/22/2023	
Sodium		0.0500		<b>46.9</b>	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

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250	S	<b>0.0613</b>	0.0127	0	482.7	-100	100	05/22/2023
Aluminum		0.0250		< <b>0.0250</b>	0.0127	0	0	-100	100	05/26/2023
Arsenic		0.0250		< <b>0.0250</b>	0.0087	0	0	-100	100	05/22/2023
Barium		0.0025		< <b>0.0025</b>	0.0007	0	0	-100	100	05/22/2023
Beryllium		0.0005		< <b>0.0005</b>	0.0002	0	0	-100	100	05/22/2023
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	05/22/2023
Cadmium		0.0020		< <b>0.0020</b>	0.0005	0	0	-100	100	05/22/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	05/22/2023
Chromium		0.0050		< <b>0.0050</b>	0.0028	0	0	-100	100	05/22/2023
Iron		0.0400		< <b>0.0400</b>	0.0200	0	0	-100	100	05/26/2023
Iron		0.0400	JS	<b>0.021</b>	0.0200	0	106.5	-100	100	05/22/2023
Lead		0.0150		< <b>0.0150</b>	0.0040	0	0	-100	100	05/22/2023
Lithium	*	0.0050		< <b>0.0050</b>	0.0019	0	0	-100	100	05/22/2023
Magnesium		0.0500		< <b>0.0500</b>	0.0055	0	0	-100	100	05/22/2023
Manganese		0.0070		< <b>0.0070</b>	0.0025	0	0	-100	100	05/22/2023
Molybdenum		0.0100		< <b>0.0100</b>	0.0037	0	0	-100	100	05/22/2023
Potassium		0.100		< <b>0.100</b>	0.0400	0	0	-100	100	05/22/2023
Silicon	*	0.0500	S	<b>0.0579</b>	0.0122	0	474.6	-100	100	05/26/2023
Sodium		0.0500		< <b>0.0500</b>	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		<b>2.27</b>	2.000	0	113.4	85	115	05/26/2023	
Aluminum		0.0250	B	<b>2.11</b>	2.000	0	105.4	85	115	05/22/2023	
Arsenic		0.0250		<b>0.561</b>	0.5000	0	112.1	85	115	05/22/2023	
Barium		0.0025		<b>2.22</b>	2.000	0	111.2	85	115	05/22/2023	
Beryllium		0.0005		<b>0.0559</b>	0.0500	0	111.8	85	115	05/22/2023	
Boron		0.0200		<b>0.546</b>	0.5000	0	109.3	85	115	05/22/2023	
Cadmium		0.0020		<b>0.0537</b>	0.0500	0	107.4	85	115	05/22/2023	
Calcium		0.100		<b>2.80</b>	2.500	0	112.1	85	115	05/22/2023	
Chromium		0.0050		<b>0.217</b>	0.2000	0	108.6	85	115	05/22/2023	
Iron		0.0400		<b>1.98</b>	2.000	0	99.0	85	115	05/26/2023	
Iron		0.0400	B	<b>2.17</b>	2.000	0	108.4	85	115	05/22/2023	
Lead		0.0150		<b>0.538</b>	0.5000	0	107.5	85	115	05/22/2023	
Lithium	*	0.0050	S	<b>0.607</b>	0.5000	0	121.4	85	115	05/22/2023	
Magnesium		0.0500		<b>2.76</b>	2.500	0	110.2	85	115	05/22/2023	
Manganese		0.0070		<b>0.548</b>	0.5000	0	109.6	85	115	05/22/2023	
Molybdenum		0.0100		<b>0.536</b>	0.5000	0	107.2	85	115	05/22/2023	
Potassium		0.100		<b>2.62</b>	2.500	0	104.9	85	115	05/22/2023	
Silicon	*	0.0500	B	<b>0.460</b>	0.5000	0	91.9	85	115	05/26/2023	
Sodium		0.0500		<b>2.55</b>	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		<b>2.18</b>	2.000	0.06170	106.0	75	125	05/26/2023
Arsenic		0.0250		<b>0.571</b>	0.5000	0	114.2	75	125	05/22/2023
Barium		0.0025		<b>2.58</b>	2.000	0.3270	112.9	75	125	05/22/2023
Beryllium		0.0005		<b>0.0572</b>	0.0500	0	114.4	75	125	05/22/2023
Boron		0.0200		<b>1.11</b>	0.5000	0.5596	110.5	75	125	05/22/2023
Cadmium		0.0020		<b>0.0543</b>	0.0500	0	108.6	75	125	05/22/2023
Calcium		0.100	S	<b>85.3</b>	2.500	83.95	54.8	75	125	05/22/2023
Chromium		0.0050		<b>0.222</b>	0.2000	0	110.8	75	125	05/22/2023
Iron		0.0400		<b>2.22</b>	2.000	0.05770	108.3	75	125	05/26/2023
Lead		0.0150		<b>0.541</b>	0.5000	0	108.3	75	125	05/22/2023
Lithium		0.0050		<b>0.605</b>	0.5000	0.06640	107.7	75	125	05/26/2023
Magnesium		0.0500		<b>3.40</b>	2.500	0.6465	110.2	75	125	05/22/2023
Manganese		0.0070		<b>0.554</b>	0.5000	0	110.9	75	125	05/22/2023
Molybdenum		0.0100		<b>0.552</b>	0.5000	0	110.3	75	125	05/22/2023
Potassium		0.100		<b>7.77</b>	2.500	5.006	110.7	75	125	05/22/2023
Silicon	*	0.0500	B	<b>6.61</b>	0.5000	6.195	82.8	75	125	05/26/2023
Sodium		0.0500	S	<b>92.4</b>	2.500	91.15	48.0	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	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		<b>2.19</b>	2.000	0.06170	106.5	2.181	0.46	05/26/2023	
Arsenic		0.0250		<b>0.576</b>	0.5000	0	115.2	0.5711	0.82	05/22/2023	
Barium		0.0025		<b>2.62</b>	2.000	0.3270	114.6	2.585	1.31	05/22/2023	
Beryllium		0.0005		<b>0.0582</b>	0.0500	0	116.4	0.05720	1.73	05/22/2023	
Boron		0.0200		<b>1.14</b>	0.5000	0.5596	115.1	1.112	2.05	05/22/2023	
Cadmium		0.0020		<b>0.0550</b>	0.0500	0	110.0	0.05430	1.28	05/22/2023	
Calcium		0.100	S	<b>87.1</b>	2.500	83.95	125.2	85.32	2.04	05/22/2023	
Chromium		0.0050		<b>0.225</b>	0.2000	0	112.6	0.2217	1.52	05/22/2023	
Iron		0.0400		<b>2.27</b>	2.000	0.05770	110.7	2.224	2.09	05/26/2023	
Lead		0.0150		<b>0.548</b>	0.5000	0	109.7	0.5413	1.28	05/22/2023	
Lithium		0.0050		<b>0.609</b>	0.5000	0.06640	108.4	0.6048	0.63	05/26/2023	
Magnesium		0.0500		<b>3.46</b>	2.500	0.6465	112.4	3.402	1.57	05/22/2023	
Manganese		0.0070		<b>0.563</b>	0.5000	0	112.6	0.5544	1.50	05/22/2023	
Molybdenum		0.0100		<b>0.564</b>	0.5000	0	112.7	0.5515	2.19	05/22/2023	
Potassium		0.100		<b>7.93</b>	2.500	5.006	116.9	7.773	1.99	05/22/2023	
Silicon	*	0.0500	B	<b>6.73</b>	0.5000	6.195	106.4	6.609	1.77	05/26/2023	
Sodium		0.0500		<b>94.2</b>	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

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

Batch 206421		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23050523-009BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Arsenic		0.0250		<b>0.574</b>	0.5000	0	114.9	0.6085	5.75	05/26/2023		
Barium		0.0025		<b>3.57</b>	2.000	1.276	114.9	3.763	5.15	05/26/2023		
Beryllium		0.0005		<b>0.0572</b>	0.0500	0.001500	111.4	0.06030	5.28	05/26/2023		
Boron		0.0200		<b>0.615</b>	0.5000	0.06660	109.7	0.6420	4.31	05/26/2023		
Cadmium		0.0020		<b>0.0544</b>	0.0500	0	108.8	0.05700	4.67	05/26/2023		
Calcium		0.100	S	<b>75.0</b>	2.500	70.58	174.8	79.41	5.78	05/26/2023		
Chromium		0.0050		<b>0.254</b>	0.2000	0.03190	110.8	0.2666	5.00	05/26/2023		
Lead		0.0150		<b>0.559</b>	0.5000	0.01450	108.9	0.5857	4.70	05/26/2023		
Lithium		0.0050		<b>0.567</b>	0.5000	0.02440	108.6	0.6023	5.98	05/26/2023		
Magnesium		0.0500	S	<b>39.3</b>	2.500	36.01	130.4	39.25	0.05	05/31/2023		
Molybdenum		0.0100		<b>0.521</b>	0.5000	0.004400	103.3	0.5463	4.78	05/26/2023		
Potassium		0.100		<b>6.56</b>	2.500	3.702	114.3	6.600	0.61	05/31/2023		
Sodium		0.0500	BS	<b>103</b>	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	SampType:	Units	mg/L								
SampID:	LCS-206524										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
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

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

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



## 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:	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		<b>2.11</b>	2.000	0.05480	102.8	2.170	2.80	05/24/2023	
Manganese		0.0070		<b>0.581</b>	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		< <b>0.0250</b>	0.0127	0	0	-100	100	05/25/2023
Arsenic		0.0250		< <b>0.0250</b>	0.0087	0	0	-100	100	05/25/2023
Barium		0.0025		< <b>0.0025</b>	0.0007	0	0	-100	100	05/25/2023
Beryllium		0.0005		< <b>0.0005</b>	0.0002	0	0	-100	100	05/25/2023
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	05/26/2023
Cadmium		0.0020		< <b>0.0020</b>	0.0005	0	0	-100	100	05/25/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	05/25/2023
Chromium		0.0050		< <b>0.0050</b>	0.0028	0	0	-100	100	05/25/2023
Iron		0.0400		< <b>0.0400</b>	0.0200	0	0	-100	100	05/25/2023
Lead		0.0150		< <b>0.0150</b>	0.0040	0	0	-100	100	05/25/2023
Lithium	*	0.0050		< <b>0.0050</b>	0.0019	0	0	-100	100	05/25/2023
Magnesium		0.0500		< <b>0.0500</b>	0.0055	0	0	-100	100	05/25/2023
Manganese		0.0070		< <b>0.0070</b>	0.0025	0	0	-100	100	05/25/2023
Molybdenum		0.0100		< <b>0.0100</b>	0.0037	0	0	-100	100	05/25/2023
Potassium		0.100		< <b>0.100</b>	0.0400	0	0	-100	100	05/25/2023
Silicon	*	0.0500		< <b>0.0500</b>	0.0122	0	0	-100	100	05/25/2023
Sodium		0.0500		< <b>0.0500</b>	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 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

<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 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		<b>0.508</b>	0.5000	0	101.5	0.5129	1.02	05/25/2023
Barium		0.0025		<b>2.14</b>	2.000	0.09220	102.5	2.146	0.19	05/25/2023
Beryllium		0.0005		<b>0.0507</b>	0.0500	0	101.4	0.05060	0.20	05/25/2023
Boron		0.0200		<b>1.32</b>	0.5000	0.7538	113.4	1.315	0.46	05/26/2023
Cadmium		0.0020		<b>0.0488</b>	0.0500	0	97.6	0.04880	0.00	05/25/2023
Calcium		0.100	S	<b>49.4</b>	2.500	43.36	243.2	48.82	1.26	05/25/2023
Chromium		0.0050		<b>0.196</b>	0.2000	0	98.0	0.1967	0.41	05/25/2023
Lead		0.0150		<b>0.497</b>	0.5000	0	99.5	0.4968	0.12	05/25/2023
Lithium		0.0050		<b>0.590</b>	0.5000	0.04470	109.1	0.5897	0.08	05/25/2023
Magnesium		0.0500	S	<b>18.5</b>	2.500	14.87	146.8	18.36	0.98	05/25/2023
Molybdenum		0.0100		<b>0.489</b>	0.5000	0.007500	96.4	0.4893	0.00	05/25/2023
Potassium		0.100		<b>5.50</b>	2.500	2.673	113.0	5.474	0.42	05/25/2023
Sodium		0.0500	S	<b>245</b>	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		< <b>0.0250</b>	0.0127	0	0	-100	100	05/26/2023
Arsenic		0.0250		< <b>0.0250</b>	0.0087	0	0	-100	100	05/26/2023
Barium		0.0025		< <b>0.0025</b>	0.0007	0	0	-100	100	05/26/2023
Beryllium		0.0005		< <b>0.0005</b>	0.0002	0	0	-100	100	05/26/2023
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	05/26/2023
Cadmium		0.0020		< <b>0.0020</b>	0.0005	0	0	-100	100	05/26/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	05/26/2023
Chromium		0.0050		< <b>0.0050</b>	0.0028	0	0	-100	100	05/26/2023
Iron		0.0400		< <b>0.0400</b>	0.0200	0	0	-100	100	05/26/2023
Lead		0.0150		< <b>0.0150</b>	0.0040	0	0	-100	100	05/26/2023
Lithium	*	0.0050		< <b>0.0050</b>	0.0019	0	0	-100	100	05/26/2023
Magnesium		0.0500		< <b>0.0500</b>	0.0055	0	0	-100	100	05/26/2023
Manganese		0.0070		< <b>0.0070</b>	0.0025	0	0	-100	100	05/26/2023
Molybdenum		0.0100		< <b>0.0100</b>	0.0037	0	0	-100	100	05/26/2023
Potassium		0.100		< <b>0.100</b>	0.0400	0	0	-100	100	05/26/2023
Silicon	*	0.0500		< <b>0.0500</b>	0.0122	0	0	-100	100	05/26/2023
Sodium		0.0500		< <b>0.0500</b>	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		<b>2.04</b>	2.000	0	102.0	85	115	05/27/2023
Arsenic		0.0250		<b>0.536</b>	0.5000	0	107.3	85	115	05/27/2023
Barium		0.0025		<b>2.13</b>	2.000	0	106.7	85	115	05/27/2023
Beryllium		0.0005		<b>0.0526</b>	0.0500	0	105.2	85	115	05/27/2023
Boron		0.0200		<b>0.511</b>	0.5000	0	102.2	85	115	05/27/2023
Cadmium		0.0020		<b>0.0517</b>	0.0500	0	103.4	85	115	05/27/2023
Calcium		0.100		<b>2.69</b>	2.500	0	107.8	85	115	05/27/2023
Chromium		0.0050		<b>0.208</b>	0.2000	0	104.2	85	115	05/27/2023
Iron		0.0400		<b>2.10</b>	2.000	0	105.0	85	115	05/27/2023
Lead		0.0150		<b>0.516</b>	0.5000	0	103.3	85	115	05/27/2023
Lithium	*	0.0050		<b>0.507</b>	0.5000	0	101.5	85	115	05/27/2023
Magnesium		0.0500		<b>2.59</b>	2.500	0	103.7	85	115	05/27/2023
Manganese		0.0070		<b>0.528</b>	0.5000	0	105.6	85	115	05/27/2023
Molybdenum		0.0100		<b>0.513</b>	0.5000	0	102.7	85	115	05/27/2023
Potassium		0.100		<b>2.48</b>	2.500	0	99.3	85	115	05/27/2023
Silicon	*	0.0500		<b>0.459</b>	0.5000	0	91.7	85	115	05/27/2023
Sodium		0.0500		<b>2.37</b>	2.500	0	94.6	85	115	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	SampType:	Units mg/L		RPD Limit: 20						
206614	LCSD									
SampID: LCSD-206614										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		<b>2.08</b>	2.000	0	104.1	2.040	2.04	05/27/2023
Arsenic		0.0250		<b>0.542</b>	0.5000	0	108.3	0.5365	0.95	05/27/2023
Barium		0.0025		<b>2.17</b>	2.000	0	108.4	2.134	1.53	05/27/2023
Beryllium		0.0005		<b>0.0533</b>	0.0500	0	106.6	0.05260	1.32	05/27/2023
Boron		0.0200		<b>0.524</b>	0.5000	0	104.7	0.5111	2.40	05/27/2023
Cadmium		0.0020		<b>0.0524</b>	0.0500	0	104.8	0.05170	1.34	05/27/2023
Calcium		0.100		<b>2.71</b>	2.500	0	108.4	2.694	0.59	05/27/2023
Chromium		0.0050		<b>0.212</b>	0.2000	0	106.0	0.2085	1.71	05/27/2023
Iron		0.0400		<b>2.13</b>	2.000	0	106.4	2.099	1.42	05/27/2023
Lead		0.0150		<b>0.525</b>	0.5000	0	105.1	0.5163	1.75	05/27/2023
Lithium	*	0.0050		<b>0.513</b>	0.5000	0	102.6	0.5074	1.12	05/27/2023
Magnesium		0.0500		<b>2.62</b>	2.500	0	104.7	2.593	0.92	05/27/2023
Manganese		0.0070		<b>0.536</b>	0.5000	0	107.2	0.5280	1.54	05/27/2023
Molybdenum		0.0100		<b>0.520</b>	0.5000	0	104.0	0.5134	1.32	05/27/2023
Potassium		0.100		<b>2.51</b>	2.500	0	100.6	2.483	1.24	05/27/2023
Silicon	*	0.0500		<b>0.478</b>	0.5000	0	95.7	0.4587	4.20	05/27/2023
Sodium		0.0500		<b>2.40</b>	2.500	0	95.8	2.366	1.26	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 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)

Batch 206685 SampType: LCS Units mg/L

SampID: LCS-206685

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		<b>1.91</b>	2.000	0	95.7	85	115	06/05/2023
Aluminum		0.0250		<b>1.95</b>	2.000	0	97.5	85	115	05/31/2023
Arsenic		0.0250		<b>0.524</b>	0.5000	0	104.8	85	115	06/05/2023
Arsenic		0.0250		<b>0.513</b>	0.5000	0	102.5	85	115	05/31/2023
Barium		0.0025		<b>2.03</b>	2.000	0	101.5	85	115	06/05/2023
Barium		0.0025		<b>2.02</b>	2.000	0	100.8	85	115	05/31/2023
Beryllium		0.0005		<b>0.0507</b>	0.0500	0	101.4	85	115	05/31/2023
Boron		0.0200		<b>0.499</b>	0.5000	0	99.7	85	115	06/05/2023
Boron		0.0200		<b>0.493</b>	0.5000	0	98.5	85	115	05/31/2023
Cadmium		0.0020		<b>0.0526</b>	0.0500	0	105.2	85	115	06/05/2023
Cadmium		0.0020		<b>0.0502</b>	0.0500	0	100.4	85	115	05/31/2023
Calcium		0.100		<b>2.54</b>	2.500	0	101.6	85	115	06/05/2023
Calcium		0.100		<b>2.53</b>	2.500	0	101.1	85	115	05/31/2023
Chromium		0.0050		<b>0.199</b>	0.2000	0	99.3	85	115	06/05/2023
Chromium		0.0050		<b>0.198</b>	0.2000	0	99.2	85	115	05/31/2023
Iron		0.0400		<b>2.08</b>	2.000	0	104.0	85	115	06/05/2023
Iron		0.0400		<b>1.97</b>	2.000	0	98.6	85	115	05/31/2023
Lead		0.0150		<b>0.501</b>	0.5000	0	100.1	85	115	06/05/2023
Lead		0.0150		<b>0.511</b>	0.5000	0	102.1	85	115	05/31/2023
Lithium		0.0050		<b>0.526</b>	0.5000	0	105.3	85	115	05/31/2023
Magnesium		0.0500		<b>2.43</b>	2.500	0	97.1	85	115	06/05/2023
Magnesium		0.0500		<b>2.60</b>	2.500	0	104.1	85	115	05/31/2023
Manganese		0.0070		<b>0.499</b>	0.5000	0	99.9	85	115	06/05/2023
Manganese		0.0070		<b>0.498</b>	0.5000	0	99.6	85	115	05/31/2023
Molybdenum		0.0100		<b>0.486</b>	0.5000	0	97.2	85	115	06/05/2023
Molybdenum		0.0100		<b>0.472</b>	0.5000	0	94.3	85	115	05/31/2023
Potassium		0.100		<b>2.59</b>	2.500	0	103.5	85	115	06/05/2023
Sodium		0.0500		<b>2.50</b>	2.500	0	100.2	85	115	06/05/2023
Sodium		0.0500		<b>2.33</b>	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		<b>0.514</b>	0.5000	0	102.7	80	120	05/18/2023	
Cobalt		0.0010		<b>0.521</b>	0.5000	0	104.1	80	120	05/18/2023	
Selenium		0.0010		<b>0.541</b>	0.5000	0	108.3	80	120	05/19/2023	
Thallium		0.0020		<b>0.255</b>	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		<b>1.17</b>	1.000	0	116.8	75	125	05/18/2023	
Cobalt		0.0010		<b>1.01</b>	1.000	0.002143	100.4	75	125	05/18/2023	
Selenium		0.0010		<b>1.00</b>	1.000	0	100.3	75	125	05/18/2023	
Thallium		0.0020		<b>0.538</b>	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		<b>1.19</b>	1.000	0	119.0	1.168	1.83	05/18/2023		
Cobalt		0.0010		<b>1.01</b>	1.000	0.002143	101.3	1.006	0.89	05/18/2023		
Selenium		0.0010		<b>0.996</b>	1.000	0	99.6	1.003	0.63	05/18/2023		
Thallium		0.0020		<b>0.538</b>	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		< <b>0.0010</b>	0.0004	0	0	-100	100	05/19/2023	
Cobalt		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	05/19/2023	
Selenium		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	05/19/2023	
Thallium		0.0020		< <b>0.0020</b>	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		<b>0.496</b>	0.5000	0	99.2	80	120	05/22/2023	
Cobalt		0.0010		<b>0.498</b>	0.5000	0	99.7	80	120	05/19/2023	
Selenium		0.0010		<b>0.511</b>	0.5000	0	102.1	80	120	05/22/2023	
Thallium		0.0020		<b>0.243</b>	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						
SampID: 23050523-045CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		<b>0.494</b>	0.5000	0	98.9	75	125	05/22/2023
Cobalt		0.0010		<b>0.500</b>	0.5000	0.0007559	99.9	75	125	05/19/2023
Selenium		0.0010		<b>0.515</b>	0.5000	0	103.0	75	125	05/22/2023
Thallium		0.0020		<b>0.258</b>	0.2500	0	103.2	75	125	05/19/2023

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

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

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

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
Antimony		0.0010		<b>0.484</b>	0.5000	0.001086	96.5	75	125	05/22/2023
Cobalt		0.0010		<b>0.479</b>	0.5000	0	95.8	75	125	05/22/2023
Selenium		0.0010		<b>0.493</b>	0.5000	0	98.6	75	125	05/22/2023
Thallium		0.0020		<b>0.242</b>	0.2500	0	96.8	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, 6020A, METALS BY ICPMS (TOTAL)

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

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

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

Batch 206421		SampType: MS		Units mg/L							Date Analyzed
SampID: 23050523-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cobalt		0.0010		<b>0.423</b>	0.5000	0.005863	83.5	75	125	05/23/2023	
Selenium		0.0010		<b>0.439</b>	0.5000	0	87.8	75	125	05/23/2023	
Thallium		0.0020		<b>0.213</b>	0.2500	0	85.3	75	125	05/23/2023	

Batch 206421		SampType: MSD		Units mg/L				RPD Limit: 20			Date Analyzed
SampID: 23050523-009BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cobalt		0.0010		<b>0.440</b>	0.5000	0.005863	86.8	0.4235	3.85	05/23/2023	
Selenium		0.0010		<b>0.448</b>	0.5000	0	89.5	0.4389	1.94	05/23/2023	
Thallium		0.0020		<b>0.227</b>	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		<b>0.503</b>	0.5000	0.003551	99.9	0.5019	0.23	05/27/2023	
Cobalt		0.0010		<b>0.492</b>	0.5000	0.0003913	98.3	0.4868	1.01	05/27/2023	
Selenium		0.0010		<b>0.483</b>	0.5000	0	96.6	0.4806	0.50	05/27/2023	
Thallium		0.0020		<b>0.236</b>	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		< <b>0.0010</b>	0.0004	0	0	-100	100	05/26/2023	
Cobalt		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	05/30/2023	
Selenium		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	05/26/2023	
Thallium		0.0020		< <b>0.0020</b>	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		<b>0.522</b>	0.5000	0	104.3	85	115	05/26/2023	
Cobalt		0.0010		<b>0.523</b>	0.5000	0	104.7	85	115	05/30/2023	
Selenium		0.0010		<b>0.550</b>	0.5000	0	110.0	85	115	05/26/2023	
Thallium		0.0020		<b>0.254</b>	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		<b>0.492</b>	0.5000	0	98.3	0.5217	5.96	05/26/2023	
Cobalt		0.0010		<b>0.535</b>	0.5000	0	107.1	0.5233	2.30	05/30/2023	
Selenium		0.0010		<b>0.522</b>	0.5000	0	104.4	0.5498	5.16	05/26/2023	
Thallium		0.0020		<b>0.254</b>	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		<b>0.834</b>	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		<b>0.866</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00451</b>	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		<b>0.00442</b>	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		<b>0.00433</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00441</b>	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		<b>0.00489</b>	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		<b>0.00449</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00532</b>	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		<b>0.00515</b>	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		<b>0.00493</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00521</b>	0.0050	0	104.3	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 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		<b>0.00444</b>	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		<b>0.00428</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00520</b>	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		<b>0.00488</b>	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		<b>0.00489</b>	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		<b>&lt; 0.00020</b>	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		<b>0.00478</b>	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		<b>0.00493</b>	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		<b>0.00488</b>	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 <b>9.0</b>               |
| 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





23050523

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:	
				Profile #:	
<b>REGULATORY AGENCY</b>					
NPDES		GROUND WATER		DRINKING WATER	
UST		RCRA		OTHER	
Site Location				STATE: <b>IL</b>	

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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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)		
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			Tracy Carroll		5/14/23	1805	Elly McArthur		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: Tracy Carroll	Brett Gilligan				
SIGNATURE of SAMPLER: Tracy Carroll	DATE Signed (MM/DD/YY): 5/15/23				







23050523

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:			
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>			
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		<b>REGULATORY AGENCY</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		NPDES      GROUND WATER      DRINKING WATER UST      RCRA      OTHER	
Phone: <b>(217) 753-8911</b>   Fax:		Project Name:		Quote Reference:		Site Location STATE: <b>IL</b>	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:			
				Profile #:			

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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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																	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																	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			
<b>BAL-23Q2-Rev 2</b>		<i>Jeremy Carroll</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 Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Jeremy Carroll</i>				
SIGNATURE of SAMPLER:	<i>[Signature]</i>	DATE Signed (MM/DD/YY): 5/16/23			

23050523

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES <b>GROUND WATER</b> DRINKING WATER	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		UST RCRA OTHER	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		Site Location	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		STATE: <b>IL</b>	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		Profile #:	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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								Y/N Analysis Test	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No. / Lab I.D.
		MATRIX	CODE			DATE	TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other		BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WPCP_605			
		DRINKING WATER	DW																									
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		

23050523

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
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:    IL		
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 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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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						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>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>	DATE Signed (MM/DD/YY): <i>5/16/23</i>				
SIGNATURE of SAMPLER: <i>[Signature]</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.

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES		
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		GROUND WATER		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		DRINKING WATER		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		UST		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		RCRA		
				Project Profile #:		OTHER		
						Site Location		
						STATE: <b>IL</b>		

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other					BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000	BAL_WFCP_605
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	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	Jeanne Carroll	5/18/23	1530	[Signature]	5/18/23	1530	

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. Carroll B. Gillihan				
SIGNATURE of SAMPLER:	[Signatures]				
DATE Signed (MM/DD/YY):		5/18/23			



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**CHAIN-OF-CUSTODY / Analytical Request Document**

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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			5/19/23	1210		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															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	[Signature]	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 B Gillihan				
SIGNATURE of SAMPLER:	[Signature] DATE Signed (MM/DD/YY): 5/19/23				







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### CHAIN-OF-CUSTODY / Analytical Request Document

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES    GROUND WATER    DRINKING WATER		
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		UST    RCRA    OTHER		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		Site Location		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		STATE: <b>IL</b>		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		Profile #:		

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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 ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol				
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		[Signature]		5/22/23	1905	[Signature]		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]					
SIGNATURE of SAMPLER:	[Signature]		DATE Signed (MMDDYY):	5/22/23		





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### CHAIN-OF-CUSTODY / Analytical Request Document

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:	
				Profile #:	
				<b>REGULATORY AGENCY</b>	
				NPDES    GROUND WATER    DRINKING WATER	
				UST    RCRA    OTHER	
				Site Location	
				STATE:    IL	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX    CODE DRINKING WATER    DW WATER    WF WASTE WATER    WW PRODUCT    P SOILS/SLUD    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 ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No. / Lab I.D.							
					DATE	TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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						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					1708	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>Allison 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): <i>5/23/23</i>			

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### CHAIN-OF-CUSTODY / Analytical Request Document

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:	
				Profile #:	
				<b>REGULATORY AGENCY</b>	
				NPDES    GROUND WATER    DRINKING WATER	
				UST    RCRA    OTHER	
				Site Location	
				STATE: <b>IL</b>	

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 ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.							
					DATE	TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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						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					5/23/23	14:03	6	2	2	2										048						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q2-Rev 2	<i>Therese Mazzoli</i>	5/23/23	2030	<i>Allen Cole</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. Carroll</i> <i>B. Gilligan</i>				
SIGNATURE of SAMPLER:	<i>J. Carroll</i>	DATE Signed (MM/DD/YY):	5/23/23		





Site Sampling Event	Baldwin 2Q 2023										
LIMS Workorder	23050523										
Technician	TAC/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	
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		hmm	hhmm						
LIMS Workorder	23050523									
Technician	TAC/BG									
WO Sample	Well ID	Date	Time	Time (adj)	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 2023
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

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)
5/22/2023	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 (µS/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	nLFCond (µS/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 (µS/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

FILE CREATED: 5/24/2023 16:03

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

FILE CREATED: 5/24/2023 16:03

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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-104#SR	5/22/2023	0.89	2.38	77.5	
MW-104#SR	5/22/2023	0.83	1.29	59.9	
MW-104#SR	5/22/2023	0.86	0.82	40.9	
MW-104#SR	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-104&DR	5/22/2023	0.89	0.17	126.7	
MW-104&DR	5/22/2023	0.83	0.01	130.3	
MW-104&DR	5/22/2023	0.86	-0.16	132.4	
MW-104&DR	5/22/2023	0.85	-0.2	133.7	



Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-003
Technician	
Well ID	Date

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-150	5/18/2023	2.05	5.49	-97.5	
MW-150	5/18/2023	2.1	2.53	-34.4	
MW-150	5/18/2023	2.09	1.61	-0.3	
MW-150	5/18/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-151	5/18/2023	1.01	7.74	125.7	
MW-151	5/18/2023	1.05	5.4	126.1	
MW-151	5/18/2023	1.38	20.74	125.5	
MW-151	5/18/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-152	5/18/2023	0.83	21.16	129.4	
MW-152	5/18/2023	0.83	17.84	128.3	
MW-152	5/18/2023	0.82	14.3	127.2	
MW-152	5/18/2023	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)
15:40	1540	12.86		13.8	56.84	7.7	436.1	436.1
15:43	1543	12.86		13.7	56.66	7.47	433.9	433.9
15:46	1546	12.86		13.6	56.48	7.31	434.4	434.4
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
mw153	5/22/2023	2.26	1.66	101.4	
mw153	5/22/2023	2.37	3.45	108.2	
mw153	5/22/2023	2.45	18.12	113.2	
mw153	5/22/2023	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
MW-155	5/22/2023
MW-155	5/22/2023
MW-155	5/22/2023
MW-155	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)
16:46	1646	17.67		13.4	56.12	7.03	657.1	657.1
16:49	1649	17.67		13.6	56.48	6.96	661.6	661.6
16:52	1652	17.67		13.6	56.48	6.94	660.2	660.2
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-155	5/22/2023	1.32	5.99	137.3	
MW-155	5/22/2023	1.24	3.98	139.9	
MW-155	5/22/2023	1.18	3.54	141.3	
MW-155	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-158!R	5/19/2023	1.85	15.41	179.1	
MW-158!R	5/19/2023	1.76	22.71	176.9	
MW-158!R	5/19/2023	1.85	30.08	175.9	
MW-158!R	5/19/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-192	5/16/2023	1.59	15.31	-21	
MW-192	5/16/2023	1.54	4.88	-45.7	
MW-192	5/16/2023	1.28	10.15	-62	
MW-192	5/16/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-193	5/15/2023	1.82	5.25	-29.2	
MW-193	5/15/2023	1.72	3.6	-28.5	
MW-193	5/15/2023	1.58	2.85	-28.4	
MW-193	5/15/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-194	5/15/2023	1.61	9.78	124.6	
MW-194	5/15/2023	1.77	7.25	118.1	
MW-194	5/15/2023	1.68	17.18	112.3	
MW-194	5/15/2023	1.57	4.43	106.7	
MW-194	5/15/2023	1.65	6.6	102.2	
MW-194	5/15/2023	1.82	5.04	97.8	

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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
18:35	1835	19.15		14.7	58.46	7.72	923.8	923.8
18:38	1838	19.15		14.6	58.28	7.65	925.4	925.4
18:41	1841	19.15		14.6	58.28	7.61	919.8	919.8
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-203	5/23/2023	0.91	5.49	-9.9	
MW-203	5/23/2023	0.89	1.82	-14.1	
MW-203	5/23/2023	0.8	1	-19.8	
MW-203	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-204	5/23/2023	0.93	2.37	-80.9	
MW-204	5/23/2023	0.85	2.79	-101.6	
MW-204	5/23/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-252	5/18/2023	1.71	17.59	83.9	
MW-252	5/18/2023	1.62	14.57	76	
MW-252	5/18/2023	1.48	11.66	69.3	
MW-252	5/18/2023	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)

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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
12:01	1201	12.94		16.3	61.34	8.44	1340.7	1340.7
12:04	1204	12.94		16	60.8	8.38	1338.9	1338.9
12:07	1207	12.94		16	60.8	8.35	1335	1335
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
mw258	5/19/2023	1.71	12.43	-112.5	
mw258	5/19/2023	1.49	7.09	-144.1	
mw258	5/19/2023	1.39	4.97	-151.8	
mw258	5/19/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm} @25\text{C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-304	5/22/2023	0.98	0.4	119.2	
MW-304	5/22/2023	0.86	-0.14	117.8	
MW-304	5/22/2023	0.86	-0.34	116.7	
MW-304	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-306	5/23/2023	0.94	1.02	-13.6	
MW-306	5/23/2023	0.96	1	-12.6	
MW-306	5/23/2023	1.56	0.63	-19.1	
MW-306	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-307	5/23/2023	1.07	9.39	-43.4	
MW-307	5/23/2023	0.93	10.65	-52.4	
MW-307	5/23/2023	0.85	7.23	-58.6	
MW-307	5/23/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-350	5/18/2023	1.24	5.11	-107.8	
MW-350	5/18/2023	1.14	2.29	-115.4	
MW-350	5/18/2023	0.98	1.66	-118	
MW-350	5/18/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm} @25\text{C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-352	5/18/2023	1.74	1	-0.4	
MW-352	5/18/2023	0.99	2.67	-50.4	
MW-352	5/18/2023	0.89	4.29	-93.9	
MW-352	5/18/2023	0.8	2.99	-118.8	



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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
17:16	1716	22.98		13.9	57.02	7.13	619.6	619.6
17:19	1719	22.98		14	57.2	7.08	620.8	620.8
17:22	1722	22.98		14	57.2	7.03	626	626
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-355	5/22/2023	4.07	1.7	94.4	
MW-355	5/22/2023	3.61	1.52	100.4	
MW-355	5/22/2023	3.3	1.71	104.6	
MW-355	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-356	5/16/2023	2.24	3.69	5.8	
MW-356	5/16/2023	2.01	5.66	7.1	
MW-356	5/16/2023	1.82	7.66	6.2	
MW-356	5/16/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
mw358	5/19/2023	2.38	5.1	22	
mw358	5/19/2023	1.58	4.01	-13.3	
mw358	5/19/2023	1.29	3.52	-58.2	
mw358	5/19/2023	1.2	2.77	-91.4	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-026
Technician	
Well ID	Date

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-366	5/16/2023	1.76	5.83	94.8	
MW-366	5/16/2023	1.86	3.77	93.7	
MW-366	5/16/2023	1.76	3.18	93.6	
MW-366	5/16/2023	1.84	2.79	94.7	



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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @25C)
14:54	1454	10.39		15.7	60.26	7.36	1205.6	1205.6
14:57	1457	10.39		15.4	59.72	7.34	1803	1803
15:00	1500	10.39		15.2	59.36	7.11	1327	1327
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-369	5/16/2023	2.64	2.71	82	
MW-369	5/16/2023	1.48	7.38	-45.7	
MW-369	5/16/2023	1.62	8.31	-32	
MW-369	5/16/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-370	5/16/2023	0.9	1.56	36.7	
MW-370	5/16/2023	0.86	1.52	37.2	
MW-370	5/16/2023	0.83	1.52	36.8	
MW-370	5/16/2023	0.81	1.5	35.9	

Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-029
Technician	
Well ID	Date

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-375	5/18/2023	1.05	5.18	-5.4	
MW-375	5/18/2023	0.9	2.74	-5	
MW-375	5/18/2023	0.85	1.63	2.5	
MW-375	5/18/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-377	5/22/2023	0.94	5.92	103	
MW-377	5/22/2023	1.3	7.64	105.5	
MW-377	5/22/2023	1.62	4.95	107.2	
MW-377	5/22/2023	1.85	2.39	108.5	



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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
15:33	1533	16.14		15.5	59.9	7.85	1961.6	1961.6
15:36	1536	16.14		15.4	59.72	7.78	1885.2	1885.2
15:39	1539	16.14		15.4	59.72	7.75	1865.3	1865.3
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-382	5/16/2023	1.28	10.99	49.3	
MW-382	5/16/2023	1.17	12.66	50	
MW-382	5/16/2023	1.11	25.58	49.5	
MW-382	5/16/2023	1.12	44.14	48.6	

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

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm} @25\text{C}$ )
14:19	1419	19.16		18.3	64.94	7.62	1074.1	1074.1
14:22	1422	19.16		18.4	65.12	7.54	1066.5	1066.5
14:25	1425	19.16		18.4	65.12	7.51	1060.3	1060.3
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
mw383	5/22/2023	0.81	3.35	86	
mw383	5/22/2023	0.79	7.48	90	
mw383	5/22/2023	0.76	9.49	84.3	
mw383	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-384	5/22/2023	0.91	7.22	58.9	
MW-384	5/22/2023	0.88	9.07	58.8	
MW-384	5/22/2023	0.87	12.45	62.8	
MW-384	5/22/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-390	5/17/2023	0.87	8.87	-72.5	
MW-390	5/17/2023	0.83	4.68	-64.6	
MW-390	5/17/2023	0.78	1.41	-50.7	
MW-390	5/17/2023	0.77	2.52	-44.7	
MW-390	5/17/2023	0.77	1.47	-37.3	
MW-390	5/17/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-391	5/17/2023	0.97	10.54	56.5	
MW-391	5/17/2023	1.11	10.42	56.5	
MW-391	5/17/2023	1.21	12.4	56.3	
MW-391	5/17/2023	1.2	13.51	55.7	
MW-391	5/17/2023	1.16	16.67	54.8	
MW-391	5/17/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-392	5/16/2023	2.61	9.59	-60.3	
MW-392	5/16/2023	2.11	2.98	-84.6	
MW-392	5/16/2023	1.8	18.04	-104.1	
MW-392	5/16/2023	1.66	8	-115	
MW-392	5/16/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
mw393	5/15/2023	1.14	0.95	-288.6	
mw393	5/15/2023	1.1	-0.75	-297.5	
mw393	5/15/2023	1.11	-1.29	-302	
mw393	5/15/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-394	5/15/2023	1.55	2.89	-278.9	
MW-394	5/15/2023	1.45	0.36	-292.5	
MW-394	5/15/2023	1.49	1.77	-293.8	
MW-394	5/15/2023	1.6	-0.89	-285.5	



Site Sampling Event	BAL-23Q2
LIMS Workorder	23050523-039
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-156	5/16/2023	1241	1241	6.22		15.3	59.54	7.77	1235.4	1235.4
OW-156	5/16/2023	1244	1244			15.3	59.54	7.77	1240.5	1240.5
Ow-156	5/16/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
OW-156	5/16/2023	2.16	3.69	6.5	
OW-156	5/16/2023	2.2	4.62	6.2	
Ow-156	5/16/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
OW-157	5/16/2023	3.53	34.02	87.9	
OW-157	5/16/2023	4.04	31.84	73.5	
OW-157	5/16/2023	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)
11:07	1107	7.5		15.5	59.9	6.65	896.9	896.9
11:10	1110	7.5		15.5	59.9	6.66	898.7	898.7
11:13	1113	7.5		15.5	59.9	6.67	899.9	899.9
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
OW-256	5/17/2023	0.78	16.4	13.7	
OW-256	5/17/2023	0.78	11.79	7.2	
OW-256	5/17/2023	0.78	8.07	3.2	
OW-256	5/17/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
OW-257	5/17/2023	0.93	25.39	-68.7	
OW-257	5/17/2023	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)

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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm}$ @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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
PZ-170	5/17/2023	1.02	6.94	-74.1	
PZ-170	5/17/2023	0.95	5.3	-72.2	
PZ-170	5/17/2023	0.96	4.42	-68.7	
PZ-170	5/17/2023	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)
14:12	1412	16.91		15.3	59.54	6.65	1145.7	1145.7
14:15	1415	16.91		15.3	59.54	6.64	1153	1153
14:18	1418	16.91		15.3	59.54	6.63	1156	1156
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
PZ-182	5/17/2023	0.76	37	-80.7	
PZ-182	5/17/2023	0.74	34.27	-74.7	
PZ-182	5/17/2023	0.74	35.08	-70.3	
PZ-182	5/17/2023	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 ( $\mu$ S/cm)	Sp Cond ( $\mu$ mhos/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	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
TPZ-164_pore	5/23/2023	12:20	1220	3.91		15.3	59.54	7.23	709	709
TPZ-164_pore	5/23/2023	12:23	1223	3.91		15.8	60.44	7.15	711.9	711.9
TPZ-164_pore	5/23/2023	12:26	1226	3.91		15.4	59.72	7.15	715.1	715.1
TPZ-164_pore	5/23/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
TPZ-164_pore	5/23/2023	1.06	5.72	25.1	
TPZ-164_pore	5/23/2023	0.97	3.03	-29.1	
TPZ-164_pore	5/23/2023	0.94	2.6	-55.6	
TPZ-164_pore	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW01	5/23/2023	1.59	10.19	35.6	
XPW01	5/23/2023	1.39	7.23	17.5	
XPW01	5/23/2023	1.52	4.93	3.9	
XPW01	5/23/2023	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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW02	5/23/2023	0.79	16.15	22.4	
XPW02	5/23/2023	0.78	12.06	-11.7	
XPW02	5/23/2023	0.77	7.65	-36.8	
XPW02	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW04	5/23/2023	2.34	12.58	32.1	
XPW04	5/23/2023	2.29	7.77	3.1	
XPW04	5/23/2023	2.5	5.11	-17.8	
XPW04	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW05	5/23/2023	0.72	14.03	-36.3	
XPW05	5/23/2023	0.72	8.72	-54.6	
XPW05	5/23/2023	0.71	5.49	-67	
XPW05	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm @25C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW06	5/23/2023	1.17	1.15	-50.2	
XPW06	5/23/2023	1.21	0.9	-70.8	
XPW06	5/23/2023	1.06	0.69	-81.9	
XPW06	5/23/2023	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 ( $\mu\text{S}/\text{cm}$ )	Sp Cond ( $\mu\text{mhos}/\text{cm} @25\text{C}$ )
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	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-304	5/22/2023	0.98	0.4	119.2	
MW-304	5/22/2023	0.86	-0.14	117.8	
MW-304	5/22/2023	0.86	-0.34	116.7	
MW-304	5/22/2023	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)
------------	-----------------	----------	--------------------



### 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 #				
Field Temp SOP 1156	2550 B	pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	Lot # <u>74610</u>	Std. _____
pH in the Field SOP 1152	9040B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____		Std. _____
Field Cond. SOP 1155	9050A	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____		Std. _____
Other: _____		pH LCS/LCSD <u>7</u>	WC 221117B	Conductivity LCS/LCSD _____		LCS/LCSD _____

pH Calibration	4.00	Reading <u>4.01</u>	Conductivity Calibration	Reading	units	Calibration	Reading
Date: <u>5/16/23</u>	7.00	<u>7.02</u>	<u>1412</u>	<u>1413</u>	<u>µS</u>	Std. _____	Units _____
Time: <u>4:58</u>	10.00	<u>9.96</u>	_____	_____	<u>mS</u>	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	Lot #	pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	Lot #	Std.	Lot #
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	

pH Calibration		Reading	Conductivity Calibration		Reading	units	Calibration		Reading
Date: <u>5/17/23</u>	4.00	<u>3.98</u>		$\mu$ S	<u>1412</u>	$\mu$ S	Std	Units	
Time: <u>10:08</u>	7.00	<u>7.02</u>		$\mu$ S		$\mu$ S	Std	Units	
	10.00	<u>10.05</u>		mS		mS	Std	Units	

Field Analyst Sig & Date: Jeremy Carroll 5/17/23 Field Analyst Sig & Date: Jeremy Carroll 5/17/23 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	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 ( ): \_\_\_\_\_

Field Temp SOP 1156	SW846	Std Methods	Lot #	Lot #	Lot #
pH in the Field SOP 1152	9040B	2550 B	WC 230105A	74610	
Field Cond. SOP 1155	9050A	4500-H B	WC 230210B		
Other: _____		2510 B	WC 230126C		
		pH 4.0 Buffer	WC 221117B		
		pH 7.0 Buffer			
		pH 10.0 Buffer			
		pH LCS/LCSD __7__			

pH Calibration	Reading	Conductivity Calibration	Reading	units	Calibration	Reading
Date: 5/18/23	4.00	µS	0-199.9	µS	Std	Units
Time: 9:22	7.00	1412	0-1999	1412	Std	Units
	10.00	mS	0-19.99	mS	Std	Units
	3.99					
	6.99					
	9.98					

Field Analyst Sig & Date: Juan Carlos 5/18/23 Field Analyst Sig & Date: Juan Carlos 5/18/23 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	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 ( ): \_\_\_\_\_

Field Temp SOP 1156	SW846	Std Methods	2550 B	pH 4.0 Buffer	WC 230105A	Conductivity Std. <u>1412</u>	Lot #	74610	Std.	_____	Lot #	_____
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>4.01</u>		<u>1412</u>	µS	0-199.9	µS	Std	Units	_____
Date: <u>5/19/23</u>	7.00	<u>7.02</u>			µS	0-1999	µS	Std	Units	_____
Time: <u>8:06</u>	10.00	<u>12.02</u>			mS	0-19.99	mS	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	10:01	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 ( ) : \_\_\_\_\_

Field Temp SOP 1156	SW846	Std Methods	Lot #	Field Temp SOP 1156	SW846	Std Methods	Lot #
pH in the Field SOP 1152	9040B	2550 B	WC 230105A	pH in the Field SOP 1152	9040B	4500-H B	WC 230210B
Field Cond. SOP 1155	9050A	2510 B	WC 230126C	Field Cond. SOP 1155	9050A	pH 10.0 Buffer	WC 230126C
Other: _____			WC 221117B	Other: _____			

pH Calibration

Reading	4.00	<u>4.00</u>
	7.00	<u>7.03</u>
	10.00	<u>9.90</u>

Conductivity Calibration

Reading	µS	0-199.9	Reading	units
<u>1412</u>	µS	0-1999	<u>1414</u>	µS
	mS	0-19.99		mS

Calibration

Std	Units	Reading
Std	Units	
Std	Units	

Field Analyst Sig & Date: Juan Carlos 5/22/23  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: Juan Carlos 5/22/23  
 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			Range Factor	Conductivity		Other:				
				Reading 1	Reading 2	LCSD		Reading 1	Reading 2	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	Lot #	Lot #	Lot #
pH in the Field SOP 1152	9040B	4500-H B	WC 230105A	74610	
Field Cond. SOP 1155	9050A	2510 B	WC 230210B		
Other: _____			WC 230126C		
			WC 221117B		

pH Calibration	4.00	Reading <u>4.00</u>	Conductivity Calibration	Reading	units	Calibration	Reading
Date: <u>5/23/22</u>	7.00	<u>7.02</u>	<u>1412</u>	<u>1412</u>	<u>µS</u>	Std _____	Units _____
Time: <u>10:10</u>	10.00	<u>10.06</u>	mS	0-19.99	mS	Std _____	Units _____

Field Analyst Sig & Date: <u>Jimmy Carroll 5/23/22</u>	Field Analyst Sig & Date: <u>Jimmy Carroll 5/23/22</u>	Field Analyst Sig & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____

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](mailto: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:**

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Report Contents	2
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Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	50
Dates Report	52
Receiving Check List	55
Chain of Custody	Appended

## Definitions

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

**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

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/16/2023 17:55	R330953



## Laboratory Results

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

**Client:** Ramboll  
**Client Project:** BAL-23Q2  
**Lab ID:** 23050524-002  
**Matrix:** GROUNDWATER

**Work Order:** 23050524  
**Report Date:** 29-Jun-23  
**Client Sample ID:** BAL\_MW-151  
**Collection Date:** 05/18/2023 13:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953





## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-004 **Client Sample ID:** BAL\_MW-153  
**Matrix:** GROUNDWATER **Collection Date:** 05/22/2023 15:49

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-009 Client Sample ID: BAL\_MW-203  
 Matrix: GROUNDWATER Collection Date: 05/23/2023 18:44

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953





## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-011 Client Sample ID: BAL\_MW-252  
 Matrix: GROUNDWATER Collection Date: 05/18/2023 15:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-013 **Client Sample ID:** BAL\_MW-258  
**Matrix:** GROUNDWATER **Collection Date:** 05/19/2023 12:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050524

**Client Project:** BAL-23Q2

**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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-016 Client Sample ID: BAL\_MW-307  
 Matrix: GROUNDWATER Collection Date: 05/23/2023 17:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-017 Client Sample ID: BAL\_MW-350  
 Matrix: GROUNDWATER Collection Date: 05/18/2023 10:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-019 **Client Sample ID:** BAL\_MW-356  
**Matrix:** GROUNDWATER **Collection Date:** 05/16/2023 12:29

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953





## Laboratory Results

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

**Client:** Ramboll  
**Client Project:** BAL-23Q2  
**Lab ID:** 23050524-020  
**Matrix:** GROUNDWATER

**Work Order:** 23050524  
**Report Date:** 29-Jun-23  
**Client Sample ID:** BAL\_MW-358  
**Collection Date:** 05/19/2023 11:28

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/21/2023 21:31	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-023 **Client Sample ID:** BAL\_MW-370  
**Matrix:** GROUNDWATER **Collection Date:** 05/16/2023 14:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-024 **Client Sample ID:** BAL\_MW-375  
**Matrix:** GROUNDWATER **Collection Date:** 05/18/2023 12:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-025 Client Sample ID: BAL\_MW-377  
 Matrix: GROUNDWATER Collection Date: 05/22/2023 12:52

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/17/2023 9:00	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-026 **Client Sample ID:** BAL\_MW-382  
**Matrix:** GROUNDWATER **Collection Date:** 05/16/2023 15:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953





## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-028 Client Sample ID: BAL\_MW-384  
 Matrix: GROUNDWATER Collection Date: 05/22/2023 13:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **Report Date:** 29-Jun-23  
**Lab ID:** 23050524-029 **Client Sample ID:** BAL\_MW-390  
**Matrix:** GROUNDWATER **Collection Date:** 05/17/2023 15:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

**Client:** Ramboll **Work Order:** 23050524  
**Client Project:** BAL-23Q2 **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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

<b>Client:</b> Ramboll	<b>Work Order:</b> 23050524
<b>Client Project:</b> BAL-23Q2	<b>Report Date:</b> 29-Jun-23
<b>Lab ID:</b> 23050524-032	<b>Client Sample ID:</b> BAL_MW-393
<b>Matrix:</b> GROUNDWATER	<b>Collection Date:</b> 05/15/2023 15:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-034 Client Sample ID: BAL\_OW-256  
 Matrix: GROUNDWATER Collection Date: 05/17/2023 11:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953





## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-038 Client Sample ID: BAL\_XPW01  
 Matrix: GROUNDWATER Collection Date: 05/23/2023 14:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-039 Client Sample ID: BAL\_XPW02  
 Matrix: GROUNDWATER Collection Date: 05/23/2023 10:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

**Client:** Ramboll

**Work Order:** 23050524

**Client Project:** BAL-23Q2

**Report Date:** 29-Jun-23

**Lab ID:** 23050524-042

**Client Sample ID:** BAL\_XPW06

**Matrix:** GROUNDWATER

**Collection Date:** 05/23/2023 15:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953



## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-043 Client Sample ID: BAL\_MW-304 Duplicate  
 Matrix: GROUNDWATER Collection Date: 05/22/2023 10:41

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	06/19/2023 21:17	R330953





## Laboratory Results

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

Client: Ramboll Work Order: 23050524  
 Client Project: BAL-23Q2 Report Date: 29-Jun-23  
 Lab ID: 23050524-044 Client Sample ID: Field Blank  
 Matrix: GROUNDWATER Collection Date: 05/23/2023 19:04

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
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:

24-May-23

Timothy W. Mathis

On:

24-May-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 <b>9.0</b>
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"/>		

*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 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





23050524

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		GROUND WATER	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		DRINKING WATER	
Phone: <b>(217) 753-8911</b>		Project Name:		Quote Reference:		UST	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		RCRA	
				Profile #:		OTHER	
						Site Location	
						STATE: <b>IL</b>	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No. / Lab I.D.			
			COLLECTED		# OF CONTAINERS	Preservatives									Analysis Test ↓		
			DATE	TIME		MATRIX CODE	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>				Methanol	Other
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				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	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	1105	

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>	DATE Signed (MM/DDYY):	5/15/23		

23050524

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:	
				Profile #:	
				<b>REGULATORY AGENCY</b>	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA OTHER	
				Site Location	
				STATE: <b>IL</b>	

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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	Analysis Test ↓	BAL_257_601			BAL_257_605
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					2		2											031
5	BAL_MW-393		5/15/23	1543		2		2											032
6	BAL_MW-394		5/15/23	1353		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
<b>BAL-23Q2-Rev 2</b>	<i>Tracy Carroll</i>	5/15/23	1805	<i>Brett Gillihan</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 Gillihan</i>				
SIGNATURE of SAMPLER: <i>Tracy Carroll</i>	DATE Signed (MM/DD/YY):				



BAL-845-601

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

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES    GROUND WATER    DRINKING WATER		
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		UST    RCRA    OTHER		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		Site Location		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Project Reference:		STATE: <b>IL</b>		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		Profile #:		

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol				
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	1845	[Signature]	5-16-23	1845	8.2	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>			



23050524

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES <b>GROUND WATER</b> DRINKING WATER	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		UST RCRA OTHER	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		Site Location	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		STATE: <b>IL</b>	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		Profile #:	

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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	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			Diana J. Chazal			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: <b>T. O'Connell</b>		SIGNATURE of SAMPLER: <b>T. O'Connell</b>					
DATE Signed (MM/DD/YY): <b>5/16/23</b>		SIGNATURE of ANALYST: <b>B. Gulikson</b>					

### CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:				
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>				
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		<b>REGULATORY AGENCY</b>		
				Address: <b>see Section A</b>				
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Quote Reference:		UST	RCRA	OTHER
Phone: <b>(217) 753-8911</b>   Fax:		Project Name:		Project Manager:		Site Location		IL
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Profile #:		STATE:		

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WW 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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub>	Methanol	Other				
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			
<b>BAL-23Q2-Rev 2</b>	<i>Tracy Parzelli</i>	5/16/23	1845	<i>[Signature]</i>	5/16/23	1845	Temp in °C	Received on ice (Y/N)	Custody Sealed/Cooler (Y/N)	Samples Intact (Y/N)
SAMPLER NAME AND SIGNATURE										
PRINT Name of SAMPLER: <i>Tracy Parzelli</i>										
SIGNATURE of SAMPLER: <i>Tracy Parzelli</i>							DATE Signed (MM/DD/YY): 5/16/23			





23050524

### CHAIN-OF-CUSTODY / Analytical Request Document

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>				
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>				
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		NPDES GROUND WATER DRINKING WATER		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		UST RCRA OTHER		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:		Site Location		
				Profile #:		STATE: <b>IL</b>		

ITEM #	Section D Required Client Information  <b>SAMPLE ID</b> (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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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.	Jessy Carroll	5/18/23	1830		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:	Jessy Carroll				
SIGNATURE of SAMPLER:					
DATE Signed (MM/DD/YY):	5/18/23				
	B. Gillihan				

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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.

Page: 2 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		NPDES    GROUND WATER    DRINKING WATER		
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>		UST    RCRA    OTHER		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		Site Location		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:		STATE: <b>IL</b>		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		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.								
						Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other														
						DATE	TIME																				
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:	[Signature]    [Signature]	DATE Signed (MM/DD/YY):	5/18/23		



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### CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
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: <a href="mailto:Brian.Voelker@VistraCorp.com">Brian.Voelker@VistraCorp.com</a>		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  <b>SAMPLE ID</b> (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 ↓	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.		
					DATE	TIME			Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol		Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000			BAL_WPCP_605	
																											Y
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 Ra226/228, only.	Juanj Caerch	5/19/23	1412	[Signature]	5/19/22	1419	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:	T. Carroll    B. Gillihan				
SIGNATURE of SAMPLER:	Juanj Caerch    DATE Signed (MM/DD/YY): 5/19/23				

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### CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:	
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>	
Address: <b>13498 E. 900th St</b>		Copy To: <b>Jason Stuckey</b>		Company Name: <b>Vistra Corp</b>	
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>	
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Project Manager:	
				Profile #:	
				<b>REGULATORY AGENCY</b>	
				NPDES    GROUND WATER    DRINKING WATER	
				UST    RCRA    OTHER	
				Site Location	
				STATE: <b>IL</b>	
				<b>ICE 4.6 #1</b>	

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.	
							Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol		Other	BAL_257_601	BAL_257_605	BAL_845_601	BAL_845_605	BAL_CLOSURE_605	BAL_SUP_000			BAL_WPCP_605
							DRINKING WATER DW	WATER WT	WASTE WATER WW	PRODUCT P	SOIL/SOLID SL	OIL OL	WPPE WP		AIR AR	OTHER OT	TISSUE TS							
1	BAL_MW-104#SR		5/22/23	1151																				
2	BAL_MW-104&DR		5/22/23	1133																				
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	1549		2		2															004	
7	BAL_MW-154			<del>1735</del>																				
8	BAL_MW-155			1652																				
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.		Mary Carroll		5/22/23	1905	Allison Cole		5/22/23	1905	Y N			
PH 88374 LUM - added HNO3 to MW-204, MW-377, MW-384, MW-304 DUP										Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SAMPLER NAME AND SIGNATURE										10.2			
PRINT Name of SAMPLER: Mary Carroll B Gilliban													
SIGNATURE of SAMPLER: Mary Carroll													
DATE Signed (MM/DD/YY): 5/22/23													













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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.

Page: 3 of 4

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		<b>REGULATORY AGENCY</b>		
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 <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	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>Frank B. Gilligan</u>	SIGNATURE of SAMPLER: <u>Jessy Carroll</u>				
DATE Signed (MM/DD/YY): <u>5/23/23</u>					





# ANALYTICAL REPORT

June 29, 2023

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
BALDWIN POWER PLANT, BOTTOM ASH POND  
BAL-845-601

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## TEKLAB, Inc.

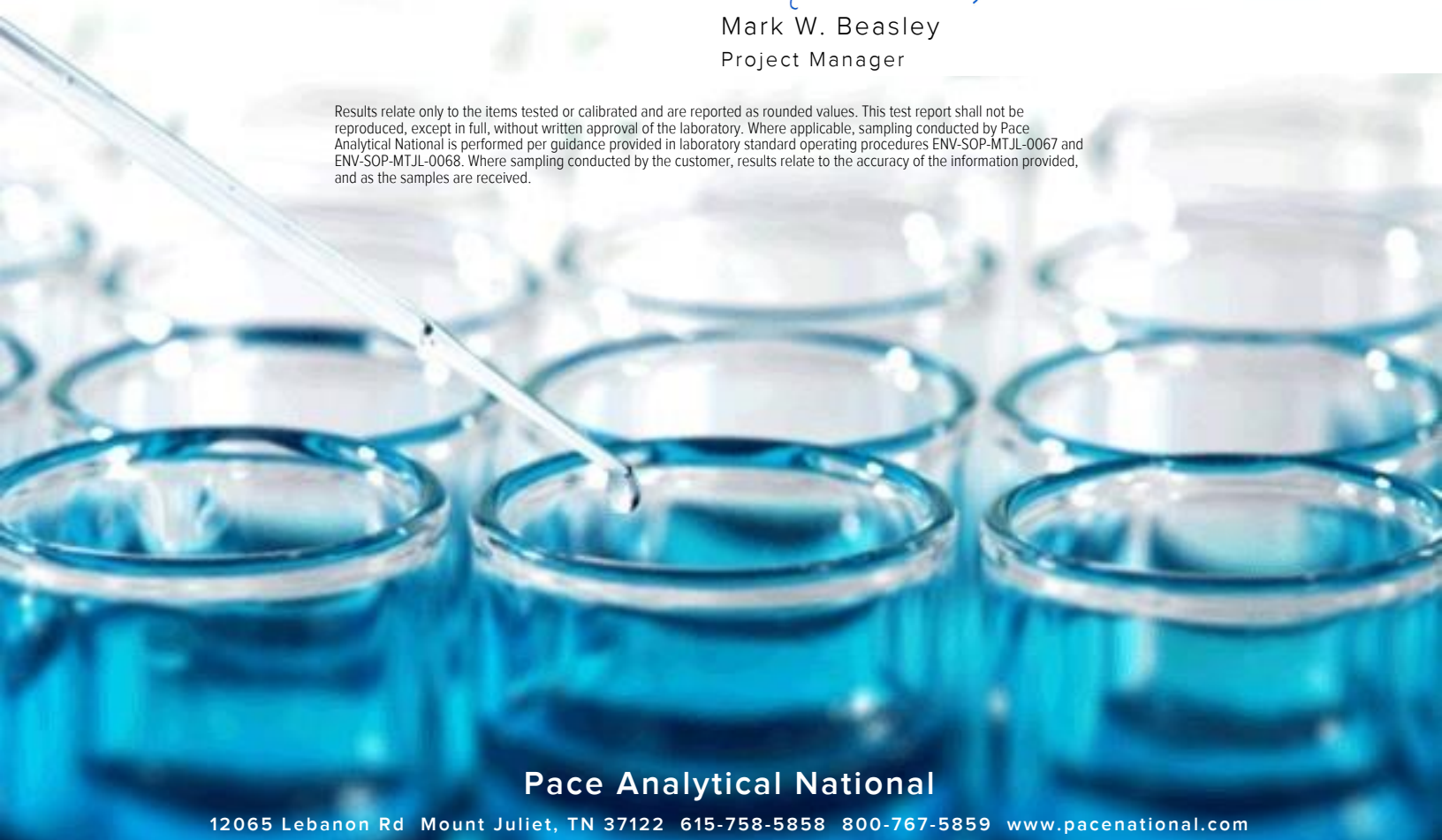
Sample Delivery Group: L1620768  
 Samples Received: 05/26/2023  
 Project Number: 23050524  
 Description:

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.

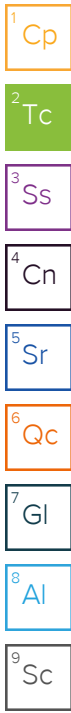


Pace Analytical National

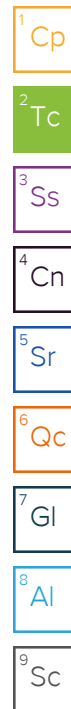
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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# SAMPLE SUMMARY

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
BALDWIN POWER PLANT, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/18/23 11:19  
Received date/time: 05/26/23 09:00

## 23050524-001 L1620768-01 Non-Potable Water

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: 05/18/23 13:48  
Received date/time: 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: 05/18/23 15:23  
Received date/time: 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: 05/22/23 15:49  
Received date/time: 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: 05/16/23 10:37  
Received date/time: 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: 05/15/23 14:56  
Received date/time: 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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



# SAMPLE SUMMARY

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
BALDWIN POWER PLANT, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/15/23 13:09  
Received date/time: 05/26/23 09:00

## 23050524-008 L1620768-07 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: 05/23/23 06:44  
Received date/time: 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: 05/23/23 06:11  
Received date/time: 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: 05/18/23 15:53  
Received date/time: 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: 05/22/23 10:41  
Received date/time: 05/26/23 09:00

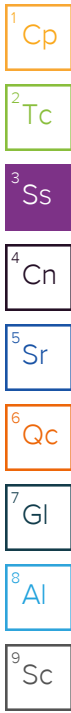
## 23050524-014 L1620768-11 Non-Potable Water

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: 05/23/23 16:11  
Received date/time: 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, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/23/23 17:08  
Received date/time: 05/26/23 09:00

## 23050524-016 L1620768-13 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: 05/18/23 10:37  
Received date/time: 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: 05/18/23 16:10  
Received date/time: 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: 05/16/23 12:29  
Received date/time: 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: 05/16/23 16:48  
Received date/time: 05/26/23 09:00

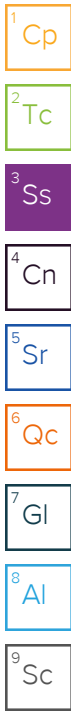
## 23050524-021 L1620768-17 Non-Potable Water

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: 05/16/23 15:03  
Received date/time: 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

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
BALDWIN POWER PLANT, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/16/23 14:24  
Received date/time: 05/26/23 09:00

## 23050524-023 L1620768-19 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: 05/18/23 12:32  
Received date/time: 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: 05/22/23 12:52  
Received date/time: 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: 05/16/23 15:42  
Received date/time: 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: 05/22/23 14:28  
Received date/time: 05/26/23 09:00

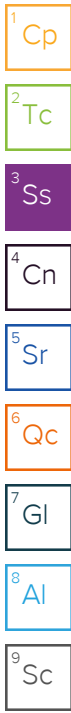
## 23050524-027 L1620768-23 Non-Potable Water

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: 05/22/23 13:43  
Received date/time: 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

Collected by: BAL-845-601  
Collected date/time: 05/17/23 15:25  
Received date/time: 05/26/23 09:00

## 23050524-029 L1620768-25 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: 05/17/23 16:36  
Received date/time: 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: 05/16/23 11:31  
Received date/time: 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: 05/15/23 15:43  
Received date/time: 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: 05/15/23 13:53  
Received date/time: 05/26/23 09:00

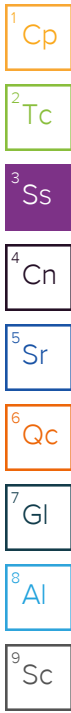
## 23050524-033 L1620768-29 Non-Potable Water

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: 05/17/23 11:16  
Received date/time: 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, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/17/23 12:50  
Received date/time: 05/26/23 09:00

## 23050524-035 L1620768-31 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	06/26/23 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: 05/17/23 11:53  
Received date/time: 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: 05/17/23 14:21  
Received date/time: 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: 05/23/23 14:03  
Received date/time: 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: 05/23/23 10:55  
Received date/time: 05/26/23 09:00

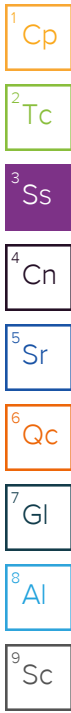
## 23050524-039 L1620768-35 Non-Potable Water

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: 05/23/23 13:03  
Received date/time: 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, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/23/23 11:42  
Received date/time: 05/26/23 09:00

## 23050524-041 L1620768-37 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: 05/23/23 15:08  
Received date/time: 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: 05/22/23 10:41  
Received date/time: 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: 05/23/23 19:04  
Received date/time: 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: 05/19/23 10:55  
Received date/time: 06/01/23 09:00

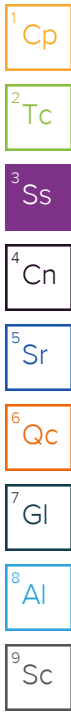
## 23050524-005 L1620768-41 Non-Potable Water

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: 05/19/23 12:10  
Received date/time: 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, BOTTOM ASH POND

Collected by: BAL-845-601  
Collected date/time: 05/19/23 11:28  
Received date/time: 06/01/23 09:00

23050524-020 L1620768-43 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

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2075753</a>
(T) Barium	84.9			30.0-143	06/16/2023 17:55	<a href="#">WG2075753</a>
(T) Yttrium	128			30.0-136	06/16/2023 17:55	<a href="#">WG2075753</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	80.6			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	2.12		1.10	1.96	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Barium	52.1			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	98.0			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	82.4			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

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	<a href="#">WG2075896</a>
(T) Barium	84.3			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	99.6			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	100			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

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	<a href="#">WG2075896</a>
(T) Barium	43.8			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	99.8			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	95.5			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	102			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	110			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	81.6			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	97.9			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	84.2			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	96.9			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	102			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	119			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	89.6			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	98.7			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	97.2			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	92.3			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	89.0			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	112			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	93.2			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	101			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	117			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	90.0			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

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	0.000	<u>U</u>	0.217	0.401	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Barium	98.4			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	110			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078595</a>

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	<a href="#">WG2078595</a>
(T) Barium-133	87.0			30.0-143	06/22/2023 18:56	<a href="#">WG2078595</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	107			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	132			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	85.0			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

- 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	-0.151	<u>U</u>	0.258	0.479	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Barium	101			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	119			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	77.4			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	101			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	92.4			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	87.6			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	114			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	120			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	59.5			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	103			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	103			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	69.2			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	88.5			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	101			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	75.4			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

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	<a href="#">WG2075896</a>
(T) Barium	94.6			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	114			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	96.5			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

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	<a href="#">WG2075896</a>
(T) Barium	93.1			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	112			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2080317</a>

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	<a href="#">WG2080317</a>
(T) Barium-133	93.6			30.0-143	06/20/2023 20:35	<a href="#">WG2080317</a>

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	<a href="#">WG2075896</a>
(T) Barium	107			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	127			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	92.4			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2075896</a>
(T) Barium	105			30.0-143	06/17/2023 09:00	<a href="#">WG2075896</a>
(T) Yttrium	124			30.0-136	06/17/2023 09:00	<a href="#">WG2075896</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	88.6			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	0.583		0.279	0.490	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	107			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	106			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	88.8			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

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	<a href="#">WG2076342</a>
(T) Barium	102			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	108			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	99.2			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

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	1.08		0.292	0.501	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	112			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	102			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	97.5			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	106			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	103			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	99.5			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

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	<a href="#">WG2076342</a>
(T) Barium	101			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	111			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	83.0			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

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	<a href="#">WG2076342</a>
(T) Barium	111			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	107			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	99.2			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	108			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	119			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	99.5			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	111			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	106			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	105			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	114			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	94.1			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	98.7			30.0-143	06/23/2023 17:46	<a href="#">WG2078608</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	11.3	<a href="#">C2</a>		30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	125			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078608</a>

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	<a href="#">WG2078608</a>
(T) Barium-133	82.4			30.0-143	06/27/2023 11:13	<a href="#">WG2078608</a>

- 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	-0.191	<u>U</u>	0.290	0.535	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	105			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	93.5			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	95.9			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	102			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	110			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	92.1			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

- 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	0.863		0.233	0.396	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	115			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	103			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	94.9			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

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	<a href="#">WG2076342</a>
(T) Barium	111			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	108			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	99.9			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

- 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	0.900		0.321	0.557	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	85.2			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	114			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	98.1			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	107			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	109			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078581</a>

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	<a href="#">WG2078581</a>
(T) Barium-133	97.7			30.0-143	06/21/2023 18:45	<a href="#">WG2078581</a>

- 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	0.552		0.253	0.444	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	95.1			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	102			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078613</a>

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	<a href="#">WG2078613</a>
(T) Barium-133	83.5			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

- 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	1.49		0.266	0.439	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Barium	106			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	114			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078613</a>

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	0.205	0.396	06/27/2023 13:56	<a href="#">WG2078613</a>
(T) Barium-133	79.6			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

- 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	<a href="#">WG2076342</a>
(T) Barium	110			30.0-143	06/19/2023 21:17	<a href="#">WG2076342</a>
(T) Yttrium	99.7			30.0-136	06/19/2023 21:17	<a href="#">WG2076342</a>

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	<a href="#">WG2078613</a>

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	<a href="#">WG2078613</a>
(T) Barium-133	85.2			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

- 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	<a href="#">WG2077154</a>
(T) Barium	105			30.0-143	06/21/2023 21:31	<a href="#">WG2077154</a>
(T) Yttrium	109			30.0-136	06/21/2023 21:31	<a href="#">WG2077154</a>

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	<a href="#">WG2078613</a>

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	<a href="#">WG2078613</a>
(T) Barium-133	82.4			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

- 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	0.258	<u>U</u>	0.326	0.602	06/21/2023 21:31	<a href="#">WG2077154</a>
(T) Barium	122			30.0-143	06/21/2023 21:31	<a href="#">WG2077154</a>
(T) Yttrium	114			30.0-136	06/21/2023 21:31	<a href="#">WG2077154</a>

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	<a href="#">WG2078613</a>

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	<a href="#">WG2078613</a>
(T) Barium-133	90.1			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

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	<a href="#">WG2077154</a>
(T) Barium	115			30.0-143	06/21/2023 21:31	<a href="#">WG2077154</a>
(T) Yttrium	103			30.0-136	06/21/2023 21:31	<a href="#">WG2077154</a>

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	<a href="#">WG2078613</a>

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	<a href="#">WG2078613</a>
(T) Barium-133	83.6			30.0-143	06/27/2023 13:56	<a href="#">WG2078613</a>

- 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 pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA 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 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	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 pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
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 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	0.584	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							

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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							

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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							

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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							

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

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							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gf

8 Al

9 Sc



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 pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA 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 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	0.0818	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 pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
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 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	0.133	21.8	19.9	108	98.6	1	75.0-125			9.31		20
(T) Barium-133		99.2			80.1	90.4							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3939719-1 06/20/23 20:35

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	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	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	0.231	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	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
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	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	0.191	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

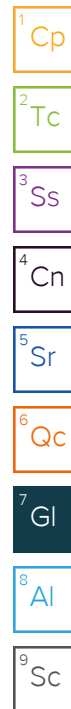
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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, BOTTOM ASH POND  
BAL-845-601

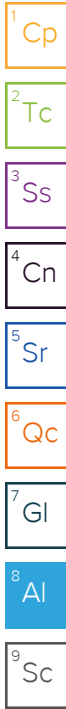
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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 <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	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 <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.





**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	✓														
<i>-11</i>	23050524-014	5/22/23 1041	HNO3	Groundwater	✓														
<i>-12</i>	23050524-015	5/23/23 1611	HNO3	Groundwater	✓														
<i>-13</i>	23050524-016	5/23/23 1708	HNO3	Groundwater	✓														
<i>-14</i>	23050524-017	5/18/23 1037	HNO3	Groundwater	✓														
<i>-15</i>	23050524-018	5/18/23 1610	HNO3	Groundwater	✓														
<i>-16</i>	23050524-019	5/16/23 1229	HNO3	Groundwater	✓														
	23050524-020	5/19/23 1128	HNO3	Groundwater	✓														
<i>-17</i>	23050524-021	5/16/23 1648	HNO3	Groundwater	✓														
<i>-18</i>	23050524-022	5/16/23 1503	HNO3	Groundwater	✓														
<i>-19</i>	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 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:

*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 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"/>
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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 (VALL)	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

*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.

Ra226/228	<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"/>	
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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"/>

*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
0319	3016 2572	NS47	20.3 + 0 = 20.3
0319	3016 2556	NS47	21.4 + 0 = 21.4
0319	3016 2561	NS47	20.8 + 0 = 20.8

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](mailto: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
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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

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

**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

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		5.78	ft	1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		15	NTU	1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		125	mV	1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		922	µS/cm	1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.2	°C	1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		19.3	mg/L	1	07/10/2023 13:45	R331608
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.98		1	07/10/2023 13:45	R331608
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		602	mg/L	1	07/12/2023 10:51	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	12	20		86	mg/L	2	07/21/2023 12:51	R333007
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	12	20		82	mg/L	2	07/21/2023 13:53	R333007
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		0.53	mg/L	1	07/11/2023 14:29	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.53	mg/L	1	07/11/2023 12:05	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	1	4		39	mg/L	1	07/14/2023 20:18	R331669
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		38	mg/L	1	07/14/2023 21:46	R331669
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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

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

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Lab ID: 23070156-001

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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:27	208293
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:24	208293



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		16.50	ft	1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		8.4	NTU	1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		150	mV	1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		570	µS/cm	1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.6	°C	1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		19.9	mg/L	1	07/10/2023 14:58	R331608
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.84		1	07/10/2023 14:58	R331608
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		378	mg/L	1	07/12/2023 10:52	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	12	20		67	mg/L	2	07/21/2023 13:12	R333007
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	12	20		62	mg/L	2	07/21/2023 14:03	R333007
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		0.43	mg/L	1	07/11/2023 14:31	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.39	mg/L	1	07/11/2023 12:06	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	1	4		19	mg/L	1	07/14/2023 20:53	R331669
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		15	mg/L	1	07/14/2023 21:57	R331669
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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

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

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

Lab ID: 23070156-002

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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:31	208293
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:29	208293



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		5.32	ft	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.2	NTU	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		65	mV	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2040	µS/cm	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		19.5	°C	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		14.2	mg/L	1	07/10/2023 12:42	R331608
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.30		1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1330	mg/L	1	07/12/2023 10:52	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	6	10	J	8	mg/L	1	07/14/2023 21:00	R331653
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 22:33	R331653
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		1.46	mg/L	1	07/11/2023 14:33	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.46	mg/L	1	07/11/2023 12:08	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	10	80		561	mg/L	20	07/21/2023 13:21	R333014
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		582	mg/L	20	07/21/2023 14:38	R333014
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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>									
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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

<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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:40	208293
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:38	208293



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		7.46	ft	1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		21	NTU	1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		130	mV	1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1110	µS/cm	1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.9	°C	1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		6.60	mg/L	1	07/10/2023 11:57	R331608
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.75		1	07/10/2023 11:57	R331608
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		710	mg/L	1	07/12/2023 11:21	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	61	100		124	mg/L	10	07/14/2023 21:13	R331653
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		115	mg/L	10	07/14/2023 22:47	R331653
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		0.43	mg/L	1	07/11/2023 14:35	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.44	mg/L	1	07/11/2023 12:10	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	1	4		8	mg/L	1	07/14/2023 21:09	R331669
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		8	mg/L	1	07/14/2023 22:42	R331669
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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

<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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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>									
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:45	208293
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:42	208293



## Laboratory Results

<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
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/12/2023 11:21	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/14/2023 21:16	R331653
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/14/2023 22:50	R331653
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/11/2023 14:37	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/11/2023 12:12	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	1	4		< 4	mg/L	1	07/14/2023 21:17	R331669
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		< 4	mg/L	1	07/14/2023 22:50	R331669
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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

<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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:53	208293
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020	J	0.00018	mg/L	1	07/11/2023 12:47	208293



## Laboratory Results

<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
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		5.32	ft	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.2	NTU	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		65	mV	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2040	µS/cm	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		19.5	°C	1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		14.2	mg/L	1	07/10/2023 12:42	R331608
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.30		1	07/10/2023 12:42	R331608
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1380	mg/L	1	07/12/2023 11:22	R331525
<b>SW-846 9036 (DISSOLVED)</b>									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 21:37	R331653
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10	J	7	mg/L	1	07/14/2023 22:57	R331653
<b>SW-846 9214 (DISSOLVED)</b>									
Fluoride	NELAP	0.04	0.10		1.44	mg/L	1	07/11/2023 14:40	R331398
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.43	mg/L	1	07/11/2023 12:15	R331398
<b>SW-846 9251 (DISSOLVED)</b>									
Chloride	NELAP	10	80		569	mg/L	20	07/21/2023 13:45	R333014
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		575	mg/L	20	07/21/2023 14:46	R333014
<b>SW-846 3005A, 6010B, METALS BY ICP (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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

<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
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)</b>									
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
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
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
<b>SW-846 7470A (DISSOLVED)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/11/2023 12:58	208293
<b>SW-846 7470A (TOTAL)</b>									
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

**Work Order:** 23070156

**Client Project:** BAL-23Q2 Resample

**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

<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
	<b>Test Name</b>				
	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

<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
	<b>Test Name</b>				
	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



## Quality Control Results

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

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 $\mu\text{S/cm}$							
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	



## Quality Control Results

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

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		
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			
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		
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		
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		
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		
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		
Sulfate		10		< 10	6.140	0	0	-100	100	07/21/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23070156

Client Project: BAL-23Q2 Resample

Report Date: 24-Jul-23

### SW-846 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		<b>20</b>	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		<b>100</b>	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	<b>103</b>	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		<b>3.44</b>	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		<b>3.36</b>	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		<b>&lt; 0.10</b>	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		<b>0.92</b>	1.000	0	92.0	90	110	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 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	



## Quality Control Results

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

Client: Ramboll

Work Order: 23070156

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		<b>34</b>	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		<b>&lt; 4</b>	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		<b>20</b>	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		<b>&lt; 4</b>	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		<b>&lt; 4</b>	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		<b>20</b>	20.00	0	100.8	90	110	07/21/2023	





## 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 (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



## 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 (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		<b>0.525</b>	0.5000	0	105.1	0.5101	2.94	07/11/2023	
Barium		0.0025		<b>1.98</b>	2.000	0.09300	94.4	1.930	2.56	07/11/2023	
Beryllium		0.0005		<b>0.0484</b>	0.0500	0	96.8	0.04730	2.30	07/11/2023	
Boron		0.0200		<b>2.51</b>	0.5000	1.938	113.9	2.427	3.23	07/11/2023	
Cadmium		0.0020		<b>0.0472</b>	0.0500	0	94.4	0.04520	4.33	07/11/2023	
Calcium		0.100	S	<b>102</b>	2.500	95.82	234.0	97.60	4.08	07/11/2023	
Chromium		0.0050		<b>0.193</b>	0.2000	0	96.7	0.1871	3.26	07/11/2023	
Lead		0.0150		<b>0.485</b>	0.5000	0	96.9	0.4668	3.76	07/11/2023	
Molybdenum		0.0100		<b>0.490</b>	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					Date
SampID: MBLK-208291										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0250		< <b>0.0250</b>	0.0087	0	0	-100	100	07/11/2023
Arsenic		0.0250		< <b>0.0250</b>	0.0087	0	0	-100	100	07/11/2023
Barium		0.0025		< <b>0.0025</b>	0.0007	0	0	-100	100	07/11/2023
Barium		0.0025		< <b>0.0025</b>	0.0007	0	0	-100	100	07/11/2023
Beryllium		0.0005		< <b>0.0005</b>	0.0002	0	0	-100	100	07/11/2023
Beryllium		0.0005		< <b>0.0005</b>	0.0002	0	0	-100	100	07/11/2023
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	07/11/2023
Cadmium		0.0020		< <b>0.0020</b>	0.0005	0	0	-100	100	07/11/2023
Cadmium		0.0020		< <b>0.0020</b>	0.0005	0	0	-100	100	07/11/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	07/11/2023
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	07/11/2023
Chromium		0.0050		< <b>0.0050</b>	0.0028	0	0	-100	100	07/11/2023
Chromium		0.0050		< <b>0.0050</b>	0.0028	0	0	-100	100	07/11/2023
Cobalt		0.0050		< <b>0.0050</b>	0.0020	0	0	-100	100	07/11/2023
Lead		0.0150		< <b>0.0150</b>	0.0040	0	0	-100	100	07/11/2023
Lead		0.0150		< <b>0.0150</b>	0.0040	0	0	-100	100	07/11/2023
Molybdenum		0.0100		< <b>0.0100</b>	0.0037	0	0	-100	100	07/11/2023
Molybdenum		0.0100		< <b>0.0100</b>	0.0037	0	0	-100	100	07/11/2023
Selenium		0.0400		< <b>0.0400</b>	0.0170	0	0	-100	100	07/11/2023
Thallium		0.0500		< <b>0.0500</b>	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	<b>0.642</b>	0.5000	0	128.5	85	115	07/11/2023	
Arsenic		0.0250		<b>0.533</b>	0.5000	0	106.5	85	115	07/11/2023	
Barium		0.0025		<b>2.08</b>	2.000	0	104.0	85	115	07/11/2023	
Barium		0.0025		<b>1.97</b>	2.000	0	98.3	85	115	07/11/2023	
Beryllium		0.0005		<b>0.0569</b>	0.0500	0	113.8	85	115	07/11/2023	
Beryllium		0.0005		<b>0.0495</b>	0.0500	0	99.0	85	115	07/11/2023	
Boron		0.0200		<b>0.498</b>	0.5000	0	99.5	85	115	07/11/2023	
Cadmium		0.0020		<b>0.0515</b>	0.0500	0	103.0	85	115	07/11/2023	
Cadmium		0.0020	S	<b>0.0576</b>	0.0500	0	115.2	85	115	07/11/2023	
Calcium		0.100		<b>2.52</b>	2.500	0	100.9	85	115	07/11/2023	
Calcium		0.100		<b>2.66</b>	2.500	0	106.5	85	115	07/11/2023	
Chromium		0.0050		<b>0.196</b>	0.2000	0	98.1	85	115	07/11/2023	
Chromium		0.0050		<b>0.212</b>	0.2000	0	105.8	85	115	07/11/2023	
Cobalt		0.0050		<b>0.549</b>	0.5000	0	109.7	85	115	07/11/2023	
Lead		0.0150		<b>0.556</b>	0.5000	0	111.2	85	115	07/11/2023	
Lead		0.0150		<b>0.495</b>	0.5000	0	98.9	85	115	07/11/2023	
Molybdenum		0.0100		<b>0.483</b>	0.5000	0	96.6	85	115	07/11/2023	
Molybdenum		0.0100		<b>0.519</b>	0.5000	0	103.9	85	115	07/11/2023	
Selenium		0.0400	S	<b>0.620</b>	0.5000	0	123.9	85	115	07/11/2023	
Thallium		0.0500		<b>0.275</b>	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		<b>0.546</b>	0.5000	0	109.3	75	125	07/11/2023	
Barium		0.0025		<b>2.10</b>	2.000	0.1258	98.7	75	125	07/11/2023	
Beryllium		0.0005		<b>0.0510</b>	0.0500	0	102.0	75	125	07/11/2023	
Boron		0.0200		<b>0.950</b>	0.5000	0.4633	97.3	75	125	07/11/2023	
Cadmium		0.0020		<b>0.0493</b>	0.0500	0	98.6	75	125	07/11/2023	
Calcium		0.100	S	<b>130</b>	2.500	135.8	-213.2	75	125	07/11/2023	
Chromium		0.0050		<b>0.204</b>	0.2000	0.004100	99.8	75	125	07/11/2023	
Lead		0.0150		<b>0.497</b>	0.5000	0	99.5	75	125	07/11/2023	
Molybdenum		0.0100		<b>0.506</b>	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		<b>0.557</b>	0.5000	0	111.3	0.5465	1.83	07/11/2023		
Barium		0.0025		<b>2.12</b>	2.000	0.1258	99.7	2.100	0.95	07/11/2023		
Beryllium		0.0005		<b>0.0513</b>	0.0500	0	102.6	0.05100	0.59	07/11/2023		
Boron		0.0200		<b>0.960</b>	0.5000	0.4633	99.3	0.9498	1.07	07/11/2023		
Cadmium		0.0020		<b>0.0496</b>	0.0500	0	99.2	0.04930	0.61	07/11/2023		
Calcium		0.100	S	<b>134</b>	2.500	135.8	-53.6	130.5	3.01	07/11/2023		
Chromium		0.0050		<b>0.205</b>	0.2000	0.004100	100.6	0.2038	0.68	07/11/2023		
Lead		0.0150		<b>0.503</b>	0.5000	0	100.5	0.4973	1.04	07/11/2023		
Molybdenum		0.0100		<b>0.509</b>	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		< <b>0.0010</b>	0.0004	0	0	-100	100	07/12/2023	
Cobalt		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	07/12/2023	
Lithium	*	0.0030		< <b>0.0030</b>	0.0015	0	0	-100	100	07/14/2023	
Selenium		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	07/12/2023	
Thallium		0.0020		< <b>0.0020</b>	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		<b>0.452</b>	0.5000	0	90.5	80	120	07/13/2023
Cobalt		0.0010		<b>0.447</b>	0.5000	0	89.4	80	120	07/13/2023
Cobalt		0.0010		<b>0.509</b>	0.5000	0	101.9	80	120	07/12/2023
Lithium	*	0.0030		<b>0.457</b>	0.5000	0	91.4	80	120	07/17/2023
Selenium		0.0010		<b>0.477</b>	0.5000	0	95.4	80	120	07/12/2023
Selenium		0.0010		<b>0.447</b>	0.5000	0	89.4	80	120	07/13/2023
Thallium		0.0020		<b>0.228</b>	0.2500	0	91.0	80	120	07/13/2023
Thallium		0.0020		<b>0.227</b>	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						
SampID: 23070156-003DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		<b>0.467</b>	0.5000	0	93.3	75	125	07/13/2023
Cobalt		0.0010		<b>0.431</b>	0.5000	0	86.1	75	125	07/13/2023
Lithium	*	0.0030		<b>0.563</b>	0.5000	0.09447	93.7	75	125	07/17/2023
Selenium		0.0010		<b>0.459</b>	0.5000	0	91.7	75	125	07/13/2023
Thallium		0.0020		<b>0.230</b>	0.2500	0	91.9	75	125	07/13/2023

Batch 208292		SampType: MSD		Units mg/L							RPD Limit: 20
SampID: 23070156-003DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		<b>0.463</b>	0.5000	0	92.7	0.4665	0.67	07/13/2023	
Cobalt		0.0010		<b>0.434</b>	0.5000	0	86.9	0.4307	0.87	07/13/2023	
Lithium	*	0.0030		<b>0.580</b>	0.5000	0.09447	97.0	0.5631	2.88	07/17/2023	
Selenium		0.0010		<b>0.460</b>	0.5000	0	92.0	0.4586	0.32	07/13/2023	
Thallium		0.0020		<b>0.222</b>	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						
SampID: MBLK-208291										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< <b>0.0010</b>	0.0004	0	0	-100	100	07/13/2023
Cobalt		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	07/13/2023
Lithium	*	0.0030		< <b>0.0030</b>	0.0015	0	0	-100	100	07/14/2023
Selenium		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	07/13/2023
Thallium		0.0020		< <b>0.0020</b>	0.0010	0	0	-100	100	07/13/2023

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
Antimony		0.0010		<b>0.544</b>	0.5000	0	108.9	80	120	07/13/2023
Cobalt		0.0010		<b>0.531</b>	0.5000	0	106.3	80	120	07/13/2023
Lithium	*	0.0030		<b>0.521</b>	0.5000	0	104.2	80	120	07/17/2023
Selenium		0.0010		<b>0.527</b>	0.5000	0	105.3	80	120	07/13/2023
Thallium		0.0020		<b>0.267</b>	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							Date Analyzed
SampID: 23070156-004CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		<b>0.528</b>	0.5000	0.0009132	105.3	75	125	07/13/2023	
Cobalt		0.0010		<b>0.495</b>	0.5000	0.003212	98.4	75	125	07/13/2023	
Lithium	*	0.0030		<b>0.530</b>	0.5000	0.03332	99.4	75	125	07/17/2023	
Selenium		0.0010		<b>0.504</b>	0.5000	0	100.7	75	125	07/13/2023	
Thallium		0.0020		<b>0.261</b>	0.2500	0	104.3	75	125	07/13/2023	

Batch 208291		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23070156-004CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010		<b>0.510</b>	0.5000	0.0009132	101.9	0.5276	3.34	07/13/2023		
Cobalt		0.0010		<b>0.483</b>	0.5000	0.003212	95.9	0.4954	2.55	07/13/2023		
Lithium	*	0.0030		<b>0.538</b>	0.5000	0.03332	100.9	0.5303	1.40	07/17/2023		
Selenium		0.0010		<b>0.494</b>	0.5000	0	98.7	0.5036	2.01	07/13/2023		
Thallium		0.0020		<b>0.255</b>	0.2500	0	101.9	0.2606	2.24	07/13/2023		

### SW-846 7470A (TOTAL)

Batch 208293		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-208293											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>&lt; 0.00020</b>	0.0001	0	0	-100	100	07/11/2023	

Batch 208293		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-208293											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>0.00468</b>	0.0050	0	93.6	85	115	07/11/2023	

Batch 208293		SampType: MS		Units mg/L							Date Analyzed
SampID: 23070156-005CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>0.00486</b>	0.0050	0.0001790	93.6	75	125	07/11/2023	

Batch 208293		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23070156-005CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		<b>0.00482</b>	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  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. - CET/lmaddox - 7/11/2023 12:07:56 PM





Site Sampling Event	BAL-Q2-2023R	Summary of Well Information																
LIMS Workorder	23070156	hmm		hhmm														
Technician	JC,BG																	
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		

Site Sampling Event	BAL-Q2-2023R																
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	Groundwater Sampling Field Form - Quality Parameters													
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
	$\mu$ S		<u>1413</u>	$\mu$ S
	$\mu$ S			$\mu$ S
	mS			mS

Calibration Reading  
Std. Units \_\_\_\_\_  
Std. Units \_\_\_\_\_  
Std. Units \_\_\_\_\_

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](mailto: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

## Definitions

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

**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

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:42	R334663





## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:42	R334663



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



## Laboratory Results

<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
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>									
Subcontracted Analysis	*	0	0		See Attached		1	07/28/2023 12:44	R334663



## Sample Summary

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

**Client:** Ramboll

**Work Order:** 23070157

**Client Project:** BAL-23Q2 Resample

**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





# ANALYTICAL REPORT

## PREPARED FOR

Attn: Elizabeth A Hurley  
TekLab, Inc  
5445 Horseshoe Lake Road  
Collinsville, Illinois 62234

Generated 8/9/2023 10:58:39 AM Revision 1

## 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  
Jayna Awalt, Project Manager II  
[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)  
(314)298-8566

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Revision 1



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# Case Narrative

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
BALDWIN POWER PLANT, BOTTOM ASH POND

BAL-845-601  
Job ID: 160-50643-1

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.

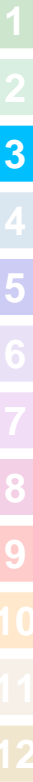
#### Radium-228 Prep Batch 620040

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	

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

BAL-845-601  
Job ID: 160-50643-1

## 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, BOTTOM ASH POND

BAL-845-601  
Job 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

- 1
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# Client Sample Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
DOWWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

BAL-845-601  
Job ID: 160-50643-1

**Client Sample ID: 23070157-001**

**Lab Sample ID: 160-50643-1**

Date Collected: 07/10/23 13:45

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	0.00334	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**

**Lab Sample ID: 160-50643-2**

Date Collected: 07/10/23 14:58

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	0.112	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  
DOWWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

BAL-845-601  
Job ID: 160-50643-1

**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

Eurofins St. Louis

# Client Sample Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 2, 2023  
DODWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

BAL-845-601  
Job ID: 160-50643-1

**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

BAL-845-601  
JOB ID: 160-50643-1

## 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	MB 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	MB 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

## 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  
 ST. LOUIS POWER PLANT, BOTTOM ASH POND  
 BAL-845-601  
 Job ID: 160-50643-1

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## 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  
BEAVER POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

BAL-845-601  
Job 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  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-192	UU	E001	Antimony, total	mg/L	10/27/22 - 05/16/23	8	75	CI around median	0.001	0.0023
MW-192	UU	E001	Arsenic, total	mg/L	10/27/22 - 05/16/23	8	25	CI around geomean	0.00146	0.0104
MW-192	UU	E001	Barium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0825	0.261
MW-192	UU	E001	Beryllium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0005	0.0005
MW-192	UU	E001	Boron, total	mg/L	10/27/22 - 05/16/23	8	25	CI around mean	0.0241	2.16
MW-192	UU	E001	Cadmium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002
MW-192	UU	E001	Chloride, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	18.9	1,370
MW-192	UU	E001	Chromium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.005	0.0125
MW-192	UU	E001	Cobalt, total	mg/L	10/27/22 - 05/16/23	8	38	CI around mean	0.00091	0.0022
MW-192	UU	E001	Fluoride, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.403	3.84
MW-192	UU	E001	Lead, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.0022
MW-192	UU	E001	Lithium, total	mg/L	10/27/22 - 05/16/23	8	12	CI around mean	0.00725	0.14
MW-192	UU	E001	Mercury, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0002	0.0002
MW-192	UU	E001	Molybdenum, total	mg/L	10/27/22 - 05/16/23	8	12	CI around mean	0.00248	0.0782
MW-192	UU	E001	pH (field)	SU	10/27/22 - 05/16/23	8	0	CI around median	6.5/7.0	7.51/11.11
MW-192	UU	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/16/23	8	0	CI around mean	0.244	3.76
MW-192	UU	E001	Selenium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.001	0.0032
MW-192	UU	E001	Sulfate, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	11	762
MW-192	UU	E001	Thallium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002
MW-192	UU	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	432	3,260
MW-193	UU	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.0023
MW-193	UU	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.00124	0.0104
MW-193	UU	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0703	0.261
MW-193	UU	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.0005
MW-193	UU	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.0287	2.16
MW-193	UU	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-193	UU	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	34.8	1,370

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-193	UU	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	75	CI around median	0.0015	0.0125
MW-193	UU	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	88	Most recent sample	0.001	0.0022
MW-193	UU	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	0.191	3.84
MW-193	UU	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0075	0.0022
MW-193	UU	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	25	CI around mean	0.00474	0.14
MW-193	UU	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.0002
MW-193	UU	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.0015	0.0782
MW-193	UU	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	6.7/7.2	7.51/11.11
MW-193	UU	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.376	3.76
MW-193	UU	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.0032
MW-193	UU	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	152	762
MW-193	UU	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-193	UU	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	523	3,260
MW-356	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	23	91	CI around median	0.001	0.0023
MW-356	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	26	81	CI around median	0.001	0.0104
MW-356	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	26	0	CI around median	0.0297	0.261
MW-356	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0005	0.0005
MW-356	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	27	0	CI around median	1.94	2.16
MW-356	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002
MW-356	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	28.6	1,370
MW-356	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	25	100	All ND - Last	0.005	0.0125
MW-356	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	24	100	All ND - Last	0.001	0.0022
MW-356	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	1.9	3.84
MW-356	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	24	96	CI around median	0.001	0.0022
MW-356	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	26	0	CB around linear reg	0.0551	0.14
MW-356	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0002	0.0002
MW-356	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	26	58	CI around median	0.0015	0.0782

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-356	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	27	0	CI around median	7.7/7.8	7.51/11.11
MW-356	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	26	0	CI around median	0.1	3.76
MW-356	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	23	100	All ND - Last	0.001	0.0032
MW-356	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	44.4	762
MW-356	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002
MW-356	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	26	0	CI around mean	663	3,260
MW-369	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	17	76	CB around T-S line	-0.00196	0.0023
MW-369	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	20	10	CI around geomean	0.00151	0.0104
MW-369	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	20	0	CB around T-S line	0.073	0.261
MW-369	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0005	0.0005
MW-369	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	-0.171	2.16
MW-369	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002
MW-369	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around geomean	84.1	1,370
MW-369	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	19	90	CB around T-S line	0.00145	0.0125
MW-369	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	18	83	CI around median	0.001	0.0022
MW-369	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	21	0	CB around T-S line	-1.07	3.84
MW-369	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	18	94	CI around median	0.001	0.0022
MW-369	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	20	5	CI around mean	0.0212	0.14
MW-369	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0002	0.0002
MW-369	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	20	5	CB around T-S line	-0.00666	0.0782
MW-369	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	21	0	CB around linear reg	6.5/8.1	7.51/11.11
MW-369	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	20	0	CI around mean	0.376	3.76
MW-369	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	17	59	CB around T-S line	-0.0273	0.0032
MW-369	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	21	0	CB around T-S line	-73.6	762
MW-369	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002
MW-369	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	21	0	CI around median	726	3,260
MW-370	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	23	74	CB around T-S line	-0.000389	0.0023

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-370	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	26	54	CB around T-S line	0.000139	0.0104
MW-370	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	26	0	CB around T-S line	0.0241	0.261
MW-370	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0005	0.0005
MW-370	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	27	0	CI around median	1.79	2.16
MW-370	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002
MW-370	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	1,380	1,370
MW-370	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	25	96	CB around T-S line	0.00142	0.0125
MW-370	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	24	96	CI around median	0.001	0.0022
MW-370	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	2.97	3.84
MW-370	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	24	100	All ND - Last	0.0075	0.0022
MW-370	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	26	0	CI around mean	0.13	0.14
MW-370	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.0002	0.0002
MW-370	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	26	4	CB around linear reg	0.00644	0.0782
MW-370	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	27	0	CB around linear reg	7.3/7.6	7.51/11.11
MW-370	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	26	0	CI around geomean	0.517	3.76
MW-370	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	23	96	Most recent sample	0.001	0.0032
MW-370	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	27	0	CI around mean	248	762
MW-370	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	21	100	All ND - Last	0.002	0.002
MW-370	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	27	0	CB around linear reg	2,940	3,260
MW-382	UA	E001	Antimony, total	mg/L	12/29/15 - 05/16/23	17	100	All ND - Last	0.001	0.0023
MW-382	UA	E001	Arsenic, total	mg/L	12/29/15 - 05/16/23	20	25	CI around median	0.0011	0.0104
MW-382	UA	E001	Barium, total	mg/L	12/29/15 - 05/16/23	20	0	CI around mean	0.0172	0.261
MW-382	UA	E001	Beryllium, total	mg/L	12/29/15 - 05/16/23	15	93	CI around median	0.001	0.0005
MW-382	UA	E001	Boron, total	mg/L	12/29/15 - 05/16/23	21	0	CI around median	1.72	2.16
MW-382	UA	E001	Cadmium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002
MW-382	UA	E001	Chloride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around mean	34.9	1,370
MW-382	UA	E001	Chromium, total	mg/L	12/29/15 - 05/16/23	19	10	CB around linear reg	0.00577	0.0125

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-382	UA	E001	Cobalt, total	mg/L	12/29/15 - 05/16/23	18	72	CB around T-S line	0.001	0.0022
MW-382	UA	E001	Fluoride, total	mg/L	12/29/15 - 05/16/23	21	0	CI around geomean	2.78	3.84
MW-382	UA	E001	Lead, total	mg/L	12/29/15 - 05/16/23	18	67	CB around T-S line	0.001	0.0022
MW-382	UA	E001	Lithium, total	mg/L	12/29/15 - 05/16/23	20	0	CI around mean	0.058	0.14
MW-382	UA	E001	Mercury, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.0002	0.0002
MW-382	UA	E001	Molybdenum, total	mg/L	12/29/15 - 05/16/23	20	20	CB around T-S line	0.00222	0.0782
MW-382	UA	E001	pH (field)	SU	12/29/15 - 05/16/23	21	0	CI around mean	7.7/7.9	7.51/11.11
MW-382	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 05/16/23	20	0	CI around geomean	0.289	3.76
MW-382	UA	E001	Selenium, total	mg/L	12/29/15 - 05/16/23	17	100	All ND - Last	0.001	0.0032
MW-382	UA	E001	Sulfate, total	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	354	762
MW-382	UA	E001	Thallium, total	mg/L	12/29/15 - 05/16/23	15	100	All ND - Last	0.002	0.002
MW-382	UA	E001	Total Dissolved Solids	mg/L	12/29/15 - 05/16/23	21	0	CB around linear reg	1,060	3,260
MW-392	UA	E001	Antimony, total	mg/L	10/27/22 - 05/16/23	8	75	CI around median	0.001	0.0023
MW-392	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/16/23	8	50	CI around geomean	0.000901	0.0104
MW-392	UA	E001	Barium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0345	0.261
MW-392	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0005	0.0005
MW-392	UA	E001	Boron, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	1.58	2.16
MW-392	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002
MW-392	UA	E001	Chloride, total	mg/L	10/27/22 - 05/16/23	8	0	CI around median	334	1,370
MW-392	UA	E001	Chromium, total	mg/L	10/27/22 - 05/16/23	8	62	CI around median	0.0015	0.0125
MW-392	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.0022
MW-392	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/16/23	8	0	CB around linear reg	3.63	3.84
MW-392	UA	E001	Lead, total	mg/L	10/27/22 - 05/16/23	8	88	CI around median	0.001	0.0022
MW-392	UA	E001	Lithium, total	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	0.0497	0.14
MW-392	UA	E001	Mercury, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.0002	0.0002
MW-392	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/16/23	8	62	CI around median	0.0015	0.0782
MW-392	UA	E001	pH (field)	SU	10/27/22 - 05/16/23	8	0	CI around mean	7.3/7.9	7.51/11.11

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-392	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/16/23	8	0	CI around mean	0.237	3.76
MW-392	UA	E001	Selenium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.001	0.0032
MW-392	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/16/23	8	0	CI around geomean	45.9	762
MW-392	UA	E001	Thallium, total	mg/L	10/27/22 - 05/16/23	8	100	All ND - Last	0.002	0.002
MW-392	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/16/23	8	0	CI around mean	1,410	3,260
MW-393	UA	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	75	CI around median	0.001	0.0023
MW-393	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.0104
MW-393	UA	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around geomean	0.0224	0.261
MW-393	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.0005
MW-393	UA	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1.47	2.16
MW-393	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-393	UA	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	617	1,370
MW-393	UA	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.0015	0.0125
MW-393	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	88	CI around median	0.001	0.0022
MW-393	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	7.49	3.84
MW-393	UA	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0075	0.0022
MW-393	UA	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0519	0.14
MW-393	UA	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.0002
MW-393	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	38	CI around mean	-0.000199	0.0782
MW-393	UA	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	7.7/8.4	7.51/11.11
MW-393	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0868	3.76
MW-393	UA	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.001	0.0032
MW-393	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	104	762
MW-393	UA	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-393	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around median	826	3,260
MW-394	UA	E001	Antimony, total	mg/L	10/27/22 - 05/15/23	8	50	CI around mean	0.00085	0.0023
MW-394	UA	E001	Arsenic, total	mg/L	10/27/22 - 05/15/23	8	25	CI around median	0.001	0.0104



**ATTACHMENT C.**  
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845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-394	UA	E001	Barium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0258	0.261
MW-394	UA	E001	Beryllium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0005	0.0005
MW-394	UA	E001	Boron, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1.53	2.16
MW-394	UA	E001	Cadmium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-394	UA	E001	Chloride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	490	1,370
MW-394	UA	E001	Chromium, total	mg/L	10/27/22 - 05/15/23	8	50	CI around mean	-6.91e-06	0.0125
MW-394	UA	E001	Cobalt, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.0022
MW-394	UA	E001	Fluoride, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	3.25	3.84
MW-394	UA	E001	Lead, total	mg/L	10/27/22 - 05/15/23	8	62	CI around median	0.001	0.0022
MW-394	UA	E001	Lithium, total	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	0.0438	0.14
MW-394	UA	E001	Mercury, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.0002	0.0002
MW-394	UA	E001	Molybdenum, total	mg/L	10/27/22 - 05/15/23	8	12	CI around mean	0.00443	0.0782
MW-394	UA	E001	pH (field)	SU	10/27/22 - 05/15/23	8	0	CI around mean	7.6/8.1	7.51/11.11
MW-394	UA	E001	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 05/15/23	8	0	CI around mean	0.301	3.76
MW-394	UA	E001	Selenium, total	mg/L	10/27/22 - 05/15/23	8	88	Most recent sample	0.001	0.0032
MW-394	UA	E001	Sulfate, total	mg/L	10/27/22 - 05/15/23	8	0	CB around linear reg	77.3	762
MW-394	UA	E001	Thallium, total	mg/L	10/27/22 - 05/15/23	8	100	All ND - Last	0.002	0.002
MW-394	UA	E001	Total Dissolved Solids	mg/L	10/27/22 - 05/15/23	8	0	CI around mean	1,770	3,260
OW-256	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0023
OW-256	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.01	0.0104
OW-256	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.102	0.261
OW-256	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.0005
OW-256	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.187	2.16
OW-256	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
OW-256	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	54	1,370
OW-256	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.005	0.0125
OW-256	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.0015	0.0022

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
OW-256	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.25	3.84
OW-256	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0075	0.0022
OW-256	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.005	0.14
OW-256	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.0002
OW-256	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.0782
OW-256	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.7/6.7	7.51/11.11
OW-256	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.717	3.76
OW-256	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0032
OW-256	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	64	762
OW-256	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
OW-256	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	514	3,260
OW-257	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.005	0.0023
OW-257	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.103	0.0104
OW-257	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.975	0.261
OW-257	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.0097	0.0005
OW-257	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.49	2.16
OW-257	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.0045	0.002
OW-257	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	7	1,370
OW-257	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.214	0.0125
OW-257	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.203	0.0022
OW-257	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.37	3.84
OW-257	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	33	Most recent sample	0.214	0.0022
OW-257	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.207	0.14
OW-257	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.0002
OW-257	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	67	Most recent sample	0.01	0.0782
OW-257	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.8/6.8	7.51/11.11
OW-257	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	25.3	3.76

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
OW-257	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0032
OW-257	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	118	762
OW-257	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.002
OW-257	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	1,270	3,260
PZ-170	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.001	0.0023
PZ-170	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.0104
PZ-170	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0975	0.261
PZ-170	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.0005
PZ-170	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.267	2.16
PZ-170	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
PZ-170	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	35	1,370
PZ-170	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.005	0.0125
PZ-170	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0046	0.0022
PZ-170	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.18	3.84
PZ-170	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0075	0.0022
PZ-170	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0291	0.14
PZ-170	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.0002
PZ-170	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.0782
PZ-170	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.5/6.5	7.51/11.11
PZ-170	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.181	3.76
PZ-170	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0032
PZ-170	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	170	762
PZ-170	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
PZ-170	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	730	3,260
PZ-182	PMP	E001	Antimony, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0023
PZ-182	PMP	E001	Arsenic, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.01	0.0104
PZ-182	PMP	E001	Barium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0692	0.261

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-182	PMP	E001	Beryllium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0005	0.0005
PZ-182	PMP	E001	Boron, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.484	2.16
PZ-182	PMP	E001	Cadmium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
PZ-182	PMP	E001	Chloride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	88	1,370
PZ-182	PMP	E001	Chromium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.005	0.0125
PZ-182	PMP	E001	Cobalt, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.001	0.0022
PZ-182	PMP	E001	Fluoride, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.19	3.84
PZ-182	PMP	E001	Lead, total	mg/L	03/14/23 - 05/17/23	2	50	Most recent sample	0.0075	0.0022
PZ-182	PMP	E001	Lithium, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.0069	0.14
PZ-182	PMP	E001	Mercury, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.0002	0.0002
PZ-182	PMP	E001	Molybdenum, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.01	0.0782
PZ-182	PMP	E001	pH (field)	SU	03/14/23 - 05/17/23	2	0	Most recent sample	6.6/6.6	7.51/11.11
PZ-182	PMP	E001	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 05/17/23	2	0	Most recent sample	0.925	3.76
PZ-182	PMP	E001	Selenium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.001	0.0032
PZ-182	PMP	E001	Sulfate, total	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	254	762
PZ-182	PMP	E001	Thallium, total	mg/L	03/14/23 - 05/17/23	2	100	Most recent sample	0.002	0.002
PZ-182	PMP	E001	Total Dissolved Solids	mg/L	03/14/23 - 05/17/23	2	0	Most recent sample	1,120	3,260

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023**

845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
BOTTOM ASH POND  
BALDWIN, IL

**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

UU = Upper Unit

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