



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

December 10, 2023

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

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

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 3 2023 sampling event at the Baldwin Power Plant Fly Ash Pond System, identified by Illinois Environmental Protection Agency (IEPA) ID No. W1578510001-01-02-03. 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 alternative 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 3, 2023, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois*

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

December 10, 2023

Samples were collected August 3, August 4 and August 7, 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 October 11, 2023.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 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 3, 2023 sampling event. Monitoring well MW-154 was dry; therefore, groundwater elevation data was not recorded and a groundwater sample was not collected for this 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 3 2023 groundwater monitoring data were evaluated for statistical exceedances 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 statistical 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 alternative 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 3, 2023
- Table 2 Comparison of Statistical Results to GWPS - Quarter 3, 2023

**FIGURES**

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

**ATTACHMENTS**

- Attachment A Groundwater Elevation Data - Quarter 3, 2023
- Attachment B Laboratory Reports and Field Data Sheets - Quarter 3, 2023
- Attachment C Comparison of Statistical Results to Background - Quarter 3, 2023

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

## **TABLES**

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	E002	08/03/2023	Antimony, total	0.0004 U	mg/L
MW-304	Background	E002	08/03/2023	Arsenic, total	0.00220	mg/L
MW-304	Background	E002	08/03/2023	Barium, total	0.0201	mg/L
MW-304	Background	E002	08/03/2023	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E002	08/03/2023	Boron, total	1.61	mg/L
MW-304	Background	E002	08/03/2023	Cadmium, total	0.0002 U	mg/L
MW-304	Background	E002	08/03/2023	Calcium, total	11.4	mg/L
MW-304	Background	E002	08/03/2023	Chloride, total	160	mg/L
MW-304	Background	E002	08/03/2023	Chromium, total	0.0007 U	mg/L
MW-304	Background	E002	08/03/2023	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E002	08/03/2023	Dissolved Oxygen	0.690	mg/L
MW-304	Background	E002	08/03/2023	Fluoride, total	1.70	mg/L
MW-304	Background	E002	08/03/2023	Lead, total	0.0006 U	mg/L
MW-304	Background	E002	08/03/2023	Lithium, total	0.0779	mg/L
MW-304	Background	E002	08/03/2023	Mercury, total	0.00012 U	mg/L
MW-304	Background	E002	08/03/2023	Molybdenum, total	0.0008 J	mg/L
MW-304	Background	E002	08/03/2023	Oxidation Reduction Potential	78.0	mV
MW-304	Background	E002	08/03/2023	pH (field)	7.9	SU
MW-304	Background	E002	08/03/2023	Radium 226 + Radium 228, total	0.937	pCi/L
MW-304	Background	E002	08/03/2023	Selenium, total	0.0006 U	mg/L
MW-304	Background	E002	08/03/2023	Specific Conductance @ 25C (field)	3,000	micromhos/cm
MW-304	Background	E002	08/03/2023	Sulfate, total	188	mg/L
MW-304	Background	E002	08/03/2023	Temperature	16.2	degrees C
MW-304	Background	E002	08/03/2023	Thallium, total	0.001 U	mg/L
MW-304	Background	E002	08/03/2023	Total Dissolved Solids	1,380	mg/L
MW-304	Background	E002	08/03/2023	Turbidity, field	2.80	NTU
MW-306	Background	E002	08/04/2023	Antimony, total	0.0005 J	mg/L
MW-306	Background	E002	08/04/2023	Arsenic, total	0.00820 J	mg/L
MW-306	Background	E002	08/04/2023	Barium, total	0.00340	mg/L
MW-306	Background	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-306	Background	E002	08/04/2023	Boron, total	0.400	mg/L
MW-306	Background	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-306	Background	E002	08/04/2023	Calcium, total	2.49	mg/L
MW-306	Background	E002	08/04/2023	Chloride, total	50.0	mg/L
MW-306	Background	E002	08/04/2023	Chromium, total	0.0007 U	mg/L
MW-306	Background	E002	08/04/2023	Cobalt, total	0.0001 U	mg/L
MW-306	Background	E002	08/04/2023	Dissolved Oxygen	0.650	mg/L
MW-306	Background	E002	08/04/2023	Fluoride, total	0.610	mg/L
MW-306	Background	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-306	Background	E002	08/04/2023	Lithium, total	0.0212	mg/L
MW-306	Background	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-306	Background	E002	08/04/2023	Molybdenum, total	0.0153	mg/L
MW-306	Background	E002	08/04/2023	Oxidation Reduction Potential	78.0	mV
MW-306	Background	E002	08/04/2023	pH (field)	10.6	SU
MW-306	Background	E002	08/04/2023	Radium 226 + Radium 228, total	0.652	pCi/L
MW-306	Background	E002	08/04/2023	Selenium, total	0.0006 U	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-306	Background	E002	08/04/2023	Specific Conductance @ 25C (field)	738	micromhos/cm
MW-306	Background	E002	08/04/2023	Sulfate, total	41.0	mg/L
MW-306	Background	E002	08/04/2023	Temperature	16.2	degrees C
MW-306	Background	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-306	Background	E002	08/04/2023	Total Dissolved Solids	302	mg/L
MW-306	Background	E002	08/04/2023	Turbidity, field	2.50	NTU
MW-358	Background	E002	08/07/2023	Antimony, total	0.0004 U	mg/L
MW-358	Background	E002	08/07/2023	Arsenic, total	0.00380	mg/L
MW-358	Background	E002	08/07/2023	Barium, total	0.235	mg/L
MW-358	Background	E002	08/07/2023	Beryllium, total	0.0002 U	mg/L
MW-358	Background	E002	08/07/2023	Boron, total	1.60	mg/L
MW-358	Background	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-358	Background	E002	08/07/2023	Calcium, total	9.87	mg/L
MW-358	Background	E002	08/07/2023	Chloride, total	1,290	mg/L
MW-358	Background	E002	08/07/2023	Chromium, total	0.001 J	mg/L
MW-358	Background	E002	08/07/2023	Cobalt, total	0.0001 U	mg/L
MW-358	Background	E002	08/07/2023	Dissolved Oxygen	1.37	mg/L
MW-358	Background	E002	08/07/2023	Fluoride, total	3.36	mg/L
MW-358	Background	E002	08/07/2023	Lead, total	0.0006 U	mg/L
MW-358	Background	E002	08/07/2023	Lithium, total	0.0961	mg/L
MW-358	Background	E002	08/07/2023	Mercury, total	0.00006 U	mg/L
MW-358	Background	E002	08/07/2023	Molybdenum, total	0.0175	mg/L
MW-358	Background	E002	08/07/2023	Oxidation Reduction Potential	-42.0	mV
MW-358	Background	E002	08/07/2023	pH (field)	8.0	SU
MW-358	Background	E002	08/07/2023	Radium 226 + Radium 228, total	0.908	pCi/L
MW-358	Background	E002	08/07/2023	Selenium, total	0.0006 U	mg/L
MW-358	Background	E002	08/07/2023	Specific Conductance @ 25C (field)	6,940	micromhos/cm
MW-358	Background	E002	08/07/2023	Sulfate, total	9 J	mg/L
MW-358	Background	E002	08/07/2023	Temperature	16.1	degrees C
MW-358	Background	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-358	Background	E002	08/07/2023	Total Dissolved Solids	3,160	mg/L
MW-358	Background	E002	08/07/2023	Turbidity, field	8.40	NTU
MW-150	Compliance	E002	08/07/2023	Antimony, total	0.0004 U	mg/L
MW-150	Compliance	E002	08/07/2023	Arsenic, total	0.0005 J	mg/L
MW-150	Compliance	E002	08/07/2023	Barium, total	0.0194	mg/L
MW-150	Compliance	E002	08/07/2023	Beryllium, total	0.0002 U	mg/L
MW-150	Compliance	E002	08/07/2023	Boron, total	4.38	mg/L
MW-150	Compliance	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-150	Compliance	E002	08/07/2023	Calcium, total	186	mg/L
MW-150	Compliance	E002	08/07/2023	Chloride, total	53.0 J-	mg/L
MW-150	Compliance	E002	08/07/2023	Chromium, total	0.0007 J	mg/L
MW-150	Compliance	E002	08/07/2023	Cobalt, total	0.0001 U	mg/L
MW-150	Compliance	E002	08/07/2023	Dissolved Oxygen	1.65	mg/L
MW-150	Compliance	E002	08/07/2023	Fluoride, total	0.750	mg/L
MW-150	Compliance	E002	08/07/2023	Lead, total	0.0006 U	mg/L
MW-150	Compliance	E002	08/07/2023	Lithium, total	0.0502	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-150	Compliance	E002	08/07/2023	Mercury, total	0.0001 J	mg/L
MW-150	Compliance	E002	08/07/2023	Molybdenum, total	0.00150	mg/L
MW-150	Compliance	E002	08/07/2023	Oxidation Reduction Potential	-65.0	mV
MW-150	Compliance	E002	08/07/2023	pH (field)	7.0	SU
MW-150	Compliance	E002	08/07/2023	Radium 226 + Radium 228, total	0.628	pCi/L
MW-150	Compliance	E002	08/07/2023	Selenium, total	0.0007 J	mg/L
MW-150	Compliance	E002	08/07/2023	Specific Conductance @ 25C (field)	2,610	micromhos/cm
MW-150	Compliance	E002	08/07/2023	Sulfate, total	852	mg/L
MW-150	Compliance	E002	08/07/2023	Temperature	14.0	degrees C
MW-150	Compliance	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-150	Compliance	E002	08/07/2023	Total Dissolved Solids	1,670	mg/L
MW-150	Compliance	E002	08/07/2023	Turbidity, field	3.10	NTU
MW-151	Compliance	E002	08/07/2023	Antimony, total	0.0004 U	mg/L
MW-151	Compliance	E002	08/07/2023	Arsenic, total	0.00160	mg/L
MW-151	Compliance	E002	08/07/2023	Barium, total	0.0666	mg/L
MW-151	Compliance	E002	08/07/2023	Beryllium, total	0.0004 J	mg/L
MW-151	Compliance	E002	08/07/2023	Boron, total	0.887	mg/L
MW-151	Compliance	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-151	Compliance	E002	08/07/2023	Calcium, total	108	mg/L
MW-151	Compliance	E002	08/07/2023	Chloride, total	38.0	mg/L
MW-151	Compliance	E002	08/07/2023	Chromium, total	0.00970	mg/L
MW-151	Compliance	E002	08/07/2023	Cobalt, total	0.00300	mg/L
MW-151	Compliance	E002	08/07/2023	Dissolved Oxygen	2.23	mg/L
MW-151	Compliance	E002	08/07/2023	Fluoride, total	0.590	mg/L
MW-151	Compliance	E002	08/07/2023	Lead, total	0.00290	mg/L
MW-151	Compliance	E002	08/07/2023	Lithium, total	0.0251	mg/L
MW-151	Compliance	E002	08/07/2023	Mercury, total	0.0001 J	mg/L
MW-151	Compliance	E002	08/07/2023	Molybdenum, total	0.0006 U	mg/L
MW-151	Compliance	E002	08/07/2023	Oxidation Reduction Potential	166	mV
MW-151	Compliance	E002	08/07/2023	pH (field)	6.8	SU
MW-151	Compliance	E002	08/07/2023	Radium 226 + Radium 228, total	1.64	pCi/L
MW-151	Compliance	E002	08/07/2023	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E002	08/07/2023	Specific Conductance @ 25C (field)	1,270	micromhos/cm
MW-151	Compliance	E002	08/07/2023	Sulfate, total	93.0	mg/L
MW-151	Compliance	E002	08/07/2023	Temperature	16.3	degrees C
MW-151	Compliance	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E002	08/07/2023	Total Dissolved Solids	595	mg/L
MW-151	Compliance	E002	08/07/2023	Turbidity, field	69.0	NTU
MW-152	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-152	Compliance	E002	08/04/2023	Arsenic, total	0.00100 J	mg/L
MW-152	Compliance	E002	08/04/2023	Barium, total	0.0330	mg/L
MW-152	Compliance	E002	08/04/2023	Beryllium, total	0.0004 J	mg/L
MW-152	Compliance	E002	08/04/2023	Boron, total	9.09	mg/L
MW-152	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-152	Compliance	E002	08/04/2023	Calcium, total	209	mg/L
MW-152	Compliance	E002	08/04/2023	Chloride, total	37.0	mg/L



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-152	Compliance	E002	08/04/2023	Chromium, total	0.00370	mg/L
MW-152	Compliance	E002	08/04/2023	Cobalt, total	0.00120	mg/L
MW-152	Compliance	E002	08/04/2023	Dissolved Oxygen	2.19	mg/L
MW-152	Compliance	E002	08/04/2023	Fluoride, total	0.390	mg/L
MW-152	Compliance	E002	08/04/2023	Lead, total	0.00200	mg/L
MW-152	Compliance	E002	08/04/2023	Lithium, total	0.0117	mg/L
MW-152	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-152	Compliance	E002	08/04/2023	Molybdenum, total	0.0008 J	mg/L
MW-152	Compliance	E002	08/04/2023	Oxidation Reduction Potential	108	mV
MW-152	Compliance	E002	08/04/2023	pH (field)	6.9	SU
MW-152	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	1.31	pCi/L
MW-152	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-152	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	2,400	micromhos/cm
MW-152	Compliance	E002	08/04/2023	Sulfate, total	732	mg/L
MW-152	Compliance	E002	08/04/2023	Temperature	15.1	degrees C
MW-152	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-152	Compliance	E002	08/04/2023	Total Dissolved Solids	1,510	mg/L
MW-152	Compliance	E002	08/04/2023	Turbidity, field	49.0	NTU
MW-153	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-153	Compliance	E002	08/04/2023	Arsenic, total	0.0004 U	mg/L
MW-153	Compliance	E002	08/04/2023	Barium, total	0.0357	mg/L
MW-153	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-153	Compliance	E002	08/04/2023	Boron, total	0.0357	mg/L
MW-153	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-153	Compliance	E002	08/04/2023	Calcium, total	52.8	mg/L
MW-153	Compliance	E002	08/04/2023	Chloride, total	16.0	mg/L
MW-153	Compliance	E002	08/04/2023	Chromium, total	0.0013 J	mg/L
MW-153	Compliance	E002	08/04/2023	Cobalt, total	0.0001 U	mg/L
MW-153	Compliance	E002	08/04/2023	Dissolved Oxygen	2.21	mg/L
MW-153	Compliance	E002	08/04/2023	Fluoride, total	0.440	mg/L
MW-153	Compliance	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-153	Compliance	E002	08/04/2023	Lithium, total	0.00350	mg/L
MW-153	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-153	Compliance	E002	08/04/2023	Molybdenum, total	0.0006 U	mg/L
MW-153	Compliance	E002	08/04/2023	Oxidation Reduction Potential	89.0	mV
MW-153	Compliance	E002	08/04/2023	pH (field)	7.2	SU
MW-153	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	0.52	pCi/L
MW-153	Compliance	E002	08/04/2023	Selenium, total	0.00210	mg/L
MW-153	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	781	micromhos/cm
MW-153	Compliance	E002	08/04/2023	Sulfate, total	62.0	mg/L
MW-153	Compliance	E002	08/04/2023	Temperature	14.9	degrees C
MW-153	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E002	08/04/2023	Total Dissolved Solids	396	mg/L
MW-153	Compliance	E002	08/04/2023	Turbidity, field	3.40	NTU
MW-252	Compliance	E002	08/04/2023	Antimony, total	0.00120	mg/L
MW-252	Compliance	E002	08/04/2023	Arsenic, total	0.00110	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-252	Compliance	E002	08/04/2023	Barium, total	0.0359	mg/L
MW-252	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-252	Compliance	E002	08/04/2023	Boron, total	0.143	mg/L
MW-252	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-252	Compliance	E002	08/04/2023	Calcium, total	210	mg/L
MW-252	Compliance	E002	08/04/2023	Chloride, total	37.0	mg/L
MW-252	Compliance	E002	08/04/2023	Chromium, total	0.00490	mg/L
MW-252	Compliance	E002	08/04/2023	Cobalt, total	0.00190	mg/L
MW-252	Compliance	E002	08/04/2023	Dissolved Oxygen	0.990	mg/L
MW-252	Compliance	E002	08/04/2023	Fluoride, total	0.240	mg/L
MW-252	Compliance	E002	08/04/2023	Lead, total	0.00180	mg/L
MW-252	Compliance	E002	08/04/2023	Lithium, total	0.0151	mg/L
MW-252	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-252	Compliance	E002	08/04/2023	Molybdenum, total	0.0008 J	mg/L
MW-252	Compliance	E002	08/04/2023	Oxidation Reduction Potential	-51.0	mV
MW-252	Compliance	E002	08/04/2023	pH (field)	6.7	SU
MW-252	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	2.63	pCi/L
MW-252	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-252	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	1,940	micromhos/cm
MW-252	Compliance	E002	08/04/2023	Sulfate, total	448	mg/L
MW-252	Compliance	E002	08/04/2023	Temperature	18.9	degrees C
MW-252	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-252	Compliance	E002	08/04/2023	Total Dissolved Solids	1,260	mg/L
MW-252	Compliance	E002	08/04/2023	Turbidity, field	93.0	NTU
MW-253	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-253	Compliance	E002	08/04/2023	Arsenic, total	0.0004 U	mg/L
MW-253	Compliance	E002	08/04/2023	Barium, total	0.0562	mg/L
MW-253	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-253	Compliance	E002	08/04/2023	Boron, total	0.0698	mg/L
MW-253	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-253	Compliance	E002	08/04/2023	Calcium, total	75.0	mg/L
MW-253	Compliance	E002	08/04/2023	Chloride, total	21.0	mg/L
MW-253	Compliance	E002	08/04/2023	Chromium, total	0.0013 J	mg/L
MW-253	Compliance	E002	08/04/2023	Cobalt, total	0.0001 U	mg/L
MW-253	Compliance	E002	08/04/2023	Dissolved Oxygen	0.650	mg/L
MW-253	Compliance	E002	08/04/2023	Fluoride, total	0.230	mg/L
MW-253	Compliance	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-253	Compliance	E002	08/04/2023	Lithium, total	0.0286	mg/L
MW-253	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-253	Compliance	E002	08/04/2023	Molybdenum, total	0.00690	mg/L
MW-253	Compliance	E002	08/04/2023	Oxidation Reduction Potential	68.0	mV
MW-253	Compliance	E002	08/04/2023	pH (field)	11.3	SU
MW-253	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	0.645	pCi/L
MW-253	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-253	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	938	micromhos/cm
MW-253	Compliance	E002	08/04/2023	Sulfate, total	154	mg/L



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-253	Compliance	E002	08/04/2023	Temperature	15.0	degrees C
MW-253	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-253	Compliance	E002	08/04/2023	Total Dissolved Solids	328	mg/L
MW-253	Compliance	E002	08/04/2023	Turbidity, field	8.00	NTU
MW-350	Compliance	E002	08/07/2023	Antimony, total	0.00500	mg/L
MW-350	Compliance	E002	08/07/2023	Arsenic, total	0.0004 U	mg/L
MW-350	Compliance	E002	08/07/2023	Barium, total	0.267	mg/L
MW-350	Compliance	E002	08/07/2023	Beryllium, total	0.0002 U	mg/L
MW-350	Compliance	E002	08/07/2023	Boron, total	0.585	mg/L
MW-350	Compliance	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-350	Compliance	E002	08/07/2023	Calcium, total	39.6	mg/L
MW-350	Compliance	E002	08/07/2023	Chloride, total	54.0	mg/L
MW-350	Compliance	E002	08/07/2023	Chromium, total	0.00310	mg/L
MW-350	Compliance	E002	08/07/2023	Cobalt, total	0.0001 U	mg/L
MW-350	Compliance	E002	08/07/2023	Dissolved Oxygen	2.55	mg/L
MW-350	Compliance	E002	08/07/2023	Fluoride, total	0.130	mg/L
MW-350	Compliance	E002	08/07/2023	Lead, total	0.0006 U	mg/L
MW-350	Compliance	E002	08/07/2023	Lithium, total	0.0724	mg/L
MW-350	Compliance	E002	08/07/2023	Mercury, total	0.00013 J	mg/L
MW-350	Compliance	E002	08/07/2023	Molybdenum, total	0.00540	mg/L
MW-350	Compliance	E002	08/07/2023	Oxidation Reduction Potential	-7.00	mV
MW-350	Compliance	E002	08/07/2023	pH (field)	11.5	SU
MW-350	Compliance	E002	08/07/2023	Radium 226 + Radium 228, total	1.75	pCi/L
MW-350	Compliance	E002	08/07/2023	Selenium, total	0.0006 U	mg/L
MW-350	Compliance	E002	08/07/2023	Specific Conductance @ 25C (field)	1,040	micromhos/cm
MW-350	Compliance	E002	08/07/2023	Sulfate, total	102	mg/L
MW-350	Compliance	E002	08/07/2023	Temperature	13.9	degrees C
MW-350	Compliance	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-350	Compliance	E002	08/07/2023	Total Dissolved Solids	328	mg/L
MW-350	Compliance	E002	08/07/2023	Turbidity, field	2.30	NTU
MW-352	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-352	Compliance	E002	08/04/2023	Arsenic, total	0.0004 U	mg/L
MW-352	Compliance	E002	08/04/2023	Barium, total	0.0856	mg/L
MW-352	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E002	08/04/2023	Boron, total	1.88	mg/L
MW-352	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-352	Compliance	E002	08/04/2023	Calcium, total	87.0	mg/L
MW-352	Compliance	E002	08/04/2023	Chloride, total	529	mg/L
MW-352	Compliance	E002	08/04/2023	Chromium, total	0.0009 J	mg/L
MW-352	Compliance	E002	08/04/2023	Cobalt, total	0.0001 U	mg/L
MW-352	Compliance	E002	08/04/2023	Dissolved Oxygen	0.730	mg/L
MW-352	Compliance	E002	08/04/2023	Fluoride, total	1.48	mg/L
MW-352	Compliance	E002	08/04/2023	Lead, total	0.0008 J	mg/L
MW-352	Compliance	E002	08/04/2023	Lithium, total	0.0867	mg/L
MW-352	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-352	Compliance	E002	08/04/2023	Molybdenum, total	0.0006 U	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-352	Compliance	E002	08/04/2023	Oxidation Reduction Potential	85.0	mV
MW-352	Compliance	E002	08/04/2023	pH (field)	7.9	SU
MW-352	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	0.722	pCi/L
MW-352	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	1,360	micromhos/cm
MW-352	Compliance	E002	08/04/2023	Sulfate, total	7 J	mg/L
MW-352	Compliance	E002	08/04/2023	Temperature	16.4	degrees C
MW-352	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E002	08/04/2023	Total Dissolved Solids	1,280	mg/L
MW-352	Compliance	E002	08/04/2023	Turbidity, field	3.40	NTU
MW-366	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-366	Compliance	E002	08/04/2023	Arsenic, total	0.0004 J	mg/L
MW-366	Compliance	E002	08/04/2023	Barium, total	0.0348	mg/L
MW-366	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-366	Compliance	E002	08/04/2023	Boron, total	1.63	mg/L
MW-366	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-366	Compliance	E002	08/04/2023	Calcium, total	184	mg/L
MW-366	Compliance	E002	08/04/2023	Chloride, total	47.0	mg/L
MW-366	Compliance	E002	08/04/2023	Chromium, total	0.0007 U	mg/L
MW-366	Compliance	E002	08/04/2023	Cobalt, total	0.0003 J	mg/L
MW-366	Compliance	E002	08/04/2023	Dissolved Oxygen	0.610	mg/L
MW-366	Compliance	E002	08/04/2023	Fluoride, total	0.420	mg/L
MW-366	Compliance	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-366	Compliance	E002	08/04/2023	Lithium, total	0.0115	mg/L
MW-366	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-366	Compliance	E002	08/04/2023	Molybdenum, total	0.00220	mg/L
MW-366	Compliance	E002	08/04/2023	Oxidation Reduction Potential	92.0	mV
MW-366	Compliance	E002	08/04/2023	pH (field)	6.9	SU
MW-366	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	0.876	pCi/L
MW-366	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-366	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	2,020	micromhos/cm
MW-366	Compliance	E002	08/04/2023	Sulfate, total	496	mg/L
MW-366	Compliance	E002	08/04/2023	Temperature	15.4	degrees C
MW-366	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-366	Compliance	E002	08/04/2023	Total Dissolved Solids	1,190	mg/L
MW-366	Compliance	E002	08/04/2023	Turbidity, field	6.00	NTU
MW-375	Compliance	E002	08/07/2023	Antimony, total	0.0008 J	mg/L
MW-375	Compliance	E002	08/07/2023	Arsenic, total	0.00140	mg/L
MW-375	Compliance	E002	08/07/2023	Barium, total	0.0338	mg/L
MW-375	Compliance	E002	08/07/2023	Beryllium, total	0.0002 U	mg/L
MW-375	Compliance	E002	08/07/2023	Boron, total	1.78	mg/L
MW-375	Compliance	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-375	Compliance	E002	08/07/2023	Calcium, total	9.80	mg/L
MW-375	Compliance	E002	08/07/2023	Chloride, total	90.0	mg/L
MW-375	Compliance	E002	08/07/2023	Chromium, total	0.0007 U	mg/L
MW-375	Compliance	E002	08/07/2023	Cobalt, total	0.0001 J	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-375	Compliance	E002	08/07/2023	Dissolved Oxygen	0.660	mg/L
MW-375	Compliance	E002	08/07/2023	Fluoride, total	2.42	mg/L
MW-375	Compliance	E002	08/07/2023	Lead, total	0.0006 U	mg/L
MW-375	Compliance	E002	08/07/2023	Lithium, total	0.0722	mg/L
MW-375	Compliance	E002	08/07/2023	Mercury, total	0.00006 U	mg/L
MW-375	Compliance	E002	08/07/2023	Molybdenum, total	0.0373	mg/L
MW-375	Compliance	E002	08/07/2023	Oxidation Reduction Potential	160	mV
MW-375	Compliance	E002	08/07/2023	pH (field)	7.0	SU
MW-375	Compliance	E002	08/07/2023	Radium 226 + Radium 228, total	1	pCi/L
MW-375	Compliance	E002	08/07/2023	Selenium, total	0.0006 U	mg/L
MW-375	Compliance	E002	08/07/2023	Specific Conductance @ 25C (field)	1,410	micromhos/cm
MW-375	Compliance	E002	08/07/2023	Sulfate, total	104	mg/L
MW-375	Compliance	E002	08/07/2023	Temperature	15.8	degrees C
MW-375	Compliance	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-375	Compliance	E002	08/07/2023	Total Dissolved Solids	926	mg/L
MW-375	Compliance	E002	08/07/2023	Turbidity, field	4.20	NTU
MW-377	Compliance	E002	08/07/2023	Antimony, total	0.0004 U	mg/L
MW-377	Compliance	E002	08/07/2023	Arsenic, total	0.0004 U	mg/L
MW-377	Compliance	E002	08/07/2023	Barium, total	0.0636	mg/L
MW-377	Compliance	E002	08/07/2023	Beryllium, total	0.0002 U	mg/L
MW-377	Compliance	E002	08/07/2023	Boron, total	1.65	mg/L
MW-377	Compliance	E002	08/07/2023	Cadmium, total	0.0002 U	mg/L
MW-377	Compliance	E002	08/07/2023	Calcium, total	52.8	mg/L
MW-377	Compliance	E002	08/07/2023	Chloride, total	102	mg/L
MW-377	Compliance	E002	08/07/2023	Chromium, total	0.0007 U	mg/L
MW-377	Compliance	E002	08/07/2023	Cobalt, total	0.0001 U	mg/L
MW-377	Compliance	E002	08/07/2023	Dissolved Oxygen	0.710	mg/L
MW-377	Compliance	E002	08/07/2023	Fluoride, total	1.24	mg/L
MW-377	Compliance	E002	08/07/2023	Lead, total	0.0006 U	mg/L
MW-377	Compliance	E002	08/07/2023	Lithium, total	0.0601	mg/L
MW-377	Compliance	E002	08/07/2023	Mercury, total	0.00006 U	mg/L
MW-377	Compliance	E002	08/07/2023	Molybdenum, total	0.0006 U	mg/L
MW-377	Compliance	E002	08/07/2023	Oxidation Reduction Potential	142	mV
MW-377	Compliance	E002	08/07/2023	pH (field)	7.6	SU
MW-377	Compliance	E002	08/07/2023	Radium 226 + Radium 228, total	0.447	pCi/L
MW-377	Compliance	E002	08/07/2023	Selenium, total	0.0006 U	mg/L
MW-377	Compliance	E002	08/07/2023	Specific Conductance @ 25C (field)	2,130	micromhos/cm
MW-377	Compliance	E002	08/07/2023	Sulfate, total	37.0	mg/L
MW-377	Compliance	E002	08/07/2023	Temperature	15.4	degrees C
MW-377	Compliance	E002	08/07/2023	Thallium, total	0.001 U	mg/L
MW-377	Compliance	E002	08/07/2023	Total Dissolved Solids	646	mg/L
MW-377	Compliance	E002	08/07/2023	Turbidity, field	6.60	NTU
MW-383	Compliance	E002	08/03/2023	Antimony, total	0.0004 U	mg/L
MW-383	Compliance	E002	08/03/2023	Arsenic, total	0.0006 J	mg/L
MW-383	Compliance	E002	08/03/2023	Barium, total	0.0427	mg/L
MW-383	Compliance	E002	08/03/2023	Beryllium, total	0.0002 U	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-383	Compliance	E002	08/03/2023	Boron, total	1.33	mg/L
MW-383	Compliance	E002	08/03/2023	Cadmium, total	0.0002 U	mg/L
MW-383	Compliance	E002	08/03/2023	Calcium, total	17.3	mg/L
MW-383	Compliance	E002	08/03/2023	Chloride, total	43.0	mg/L
MW-383	Compliance	E002	08/03/2023	Chromium, total	0.0007 U	mg/L
MW-383	Compliance	E002	08/03/2023	Cobalt, total	0.0002 J	mg/L
MW-383	Compliance	E002	08/03/2023	Dissolved Oxygen	0.610	mg/L
MW-383	Compliance	E002	08/03/2023	Fluoride, total	0.720	mg/L
MW-383	Compliance	E002	08/03/2023	Lead, total	0.0006 U	mg/L
MW-383	Compliance	E002	08/03/2023	Lithium, total	0.0355	mg/L
MW-383	Compliance	E002	08/03/2023	Mercury, total	0.00012 U	mg/L
MW-383	Compliance	E002	08/03/2023	Molybdenum, total	0.0125	mg/L
MW-383	Compliance	E002	08/03/2023	Oxidation Reduction Potential	29.0	mV
MW-383	Compliance	E002	08/03/2023	pH (field)	7.6	SU
MW-383	Compliance	E002	08/03/2023	Radium 226 + Radium 228, total	1.26	pCi/L
MW-383	Compliance	E002	08/03/2023	Selenium, total	0.0006 U	mg/L
MW-383	Compliance	E002	08/03/2023	Specific Conductance @ 25C (field)	1,880	micromhos/cm
MW-383	Compliance	E002	08/03/2023	Sulfate, total	157	mg/L
MW-383	Compliance	E002	08/03/2023	Temperature	19.1	degrees C
MW-383	Compliance	E002	08/03/2023	Thallium, total	0.001 U	mg/L
MW-383	Compliance	E002	08/03/2023	Total Dissolved Solids	882	mg/L
MW-383	Compliance	E002	08/03/2023	Turbidity, field	4.90	NTU
MW-384	Compliance	E002	08/03/2023	Antimony, total	0.0004 U	mg/L
MW-384	Compliance	E002	08/03/2023	Arsenic, total	0.0004 U	mg/L
MW-384	Compliance	E002	08/03/2023	Barium, total	0.0287	mg/L
MW-384	Compliance	E002	08/03/2023	Beryllium, total	0.0002 U	mg/L
MW-384	Compliance	E002	08/03/2023	Boron, total	1.47	mg/L
MW-384	Compliance	E002	08/03/2023	Cadmium, total	0.0002 U	mg/L
MW-384	Compliance	E002	08/03/2023	Calcium, total	5.32	mg/L
MW-384	Compliance	E002	08/03/2023	Chloride, total	508	mg/L
MW-384	Compliance	E002	08/03/2023	Chromium, total	0.0007 U	mg/L
MW-384	Compliance	E002	08/03/2023	Cobalt, total	0.0001 U	mg/L
MW-384	Compliance	E002	08/03/2023	Dissolved Oxygen	0.700	mg/L
MW-384	Compliance	E002	08/03/2023	Fluoride, total	4.54	mg/L
MW-384	Compliance	E002	08/03/2023	Lead, total	0.0006 U	mg/L
MW-384	Compliance	E002	08/03/2023	Lithium, total	0.0425	mg/L
MW-384	Compliance	E002	08/03/2023	Mercury, total	0.00012 U	mg/L
MW-384	Compliance	E002	08/03/2023	Molybdenum, total	0.0138	mg/L
MW-384	Compliance	E002	08/03/2023	Oxidation Reduction Potential	54.0	mV
MW-384	Compliance	E002	08/03/2023	pH (field)	8.1	SU
MW-384	Compliance	E002	08/03/2023	Radium 226 + Radium 228, total	0.768	pCi/L
MW-384	Compliance	E002	08/03/2023	Selenium, total	0.0006 U	mg/L
MW-384	Compliance	E002	08/03/2023	Specific Conductance @ 25C (field)	3,560	micromhos/cm
MW-384	Compliance	E002	08/03/2023	Sulfate, total	32.0	mg/L
MW-384	Compliance	E002	08/03/2023	Temperature	17.5	degrees C
MW-384	Compliance	E002	08/03/2023	Thallium, total	0.001 U	mg/L

**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-384	Compliance	E002	08/03/2023	Total Dissolved Solids	1,570	mg/L
MW-384	Compliance	E002	08/03/2023	Turbidity, field	7.00	NTU
MW-390	Compliance	E002	08/04/2023	Antimony, total	0.0004 U	mg/L
MW-390	Compliance	E002	08/04/2023	Arsenic, total	0.00100	mg/L
MW-390	Compliance	E002	08/04/2023	Barium, total	0.0225	mg/L
MW-390	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-390	Compliance	E002	08/04/2023	Boron, total	1.42	mg/L
MW-390	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-390	Compliance	E002	08/04/2023	Calcium, total	58.4	mg/L
MW-390	Compliance	E002	08/04/2023	Chloride, total	74.0	mg/L
MW-390	Compliance	E002	08/04/2023	Chromium, total	0.0007 U	mg/L
MW-390	Compliance	E002	08/04/2023	Cobalt, total	0.0003 J	mg/L
MW-390	Compliance	E002	08/04/2023	Dissolved Oxygen	0.590	mg/L
MW-390	Compliance	E002	08/04/2023	Fluoride, total	0.950	mg/L
MW-390	Compliance	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-390	Compliance	E002	08/04/2023	Lithium, total	0.0405	mg/L
MW-390	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-390	Compliance	E002	08/04/2023	Molybdenum, total	0.00310	mg/L
MW-390	Compliance	E002	08/04/2023	Oxidation Reduction Potential	73.0	mV
MW-390	Compliance	E002	08/04/2023	pH (field)	7.2	SU
MW-390	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	1.63	pCi/L
MW-390	Compliance	E002	08/04/2023	Selenium, total	0.0006 U	mg/L
MW-390	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	2,170	micromhos/cm
MW-390	Compliance	E002	08/04/2023	Sulfate, total	133	mg/L
MW-390	Compliance	E002	08/04/2023	Temperature	17.3	degrees C
MW-390	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-390	Compliance	E002	08/04/2023	Total Dissolved Solids	740	mg/L
MW-390	Compliance	E002	08/04/2023	Turbidity, field	21.0	NTU
MW-391	Compliance	E002	08/04/2023	Antimony, total	0.00150	mg/L
MW-391	Compliance	E002	08/04/2023	Arsenic, total	0.00220	mg/L
MW-391	Compliance	E002	08/04/2023	Barium, total	0.0234	mg/L
MW-391	Compliance	E002	08/04/2023	Beryllium, total	0.0002 U	mg/L
MW-391	Compliance	E002	08/04/2023	Boron, total	2.38	mg/L
MW-391	Compliance	E002	08/04/2023	Cadmium, total	0.0002 U	mg/L
MW-391	Compliance	E002	08/04/2023	Calcium, total	15.0	mg/L
MW-391	Compliance	E002	08/04/2023	Chloride, total	174	mg/L
MW-391	Compliance	E002	08/04/2023	Chromium, total	0.0013 J	mg/L
MW-391	Compliance	E002	08/04/2023	Cobalt, total	0.0002 J	mg/L
MW-391	Compliance	E002	08/04/2023	Dissolved Oxygen	1.00	mg/L
MW-391	Compliance	E002	08/04/2023	Fluoride, total	3.24	mg/L
MW-391	Compliance	E002	08/04/2023	Lead, total	0.0006 U	mg/L
MW-391	Compliance	E002	08/04/2023	Lithium, total	0.0887	mg/L
MW-391	Compliance	E002	08/04/2023	Mercury, total	0.00012 U	mg/L
MW-391	Compliance	E002	08/04/2023	Molybdenum, total	0.0612	mg/L
MW-391	Compliance	E002	08/04/2023	Oxidation Reduction Potential	122	mV
MW-391	Compliance	E002	08/04/2023	pH (field)	7.8	SU



**TABLE 1.**  
**FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023**

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-391	Compliance	E002	08/04/2023	Radium 226 + Radium 228, total	1.11	pCi/L
MW-391	Compliance	E002	08/04/2023	Selenium, total	0.00370	mg/L
MW-391	Compliance	E002	08/04/2023	Specific Conductance @ 25C (field)	4,050	micromhos/cm
MW-391	Compliance	E002	08/04/2023	Sulfate, total	489	mg/L
MW-391	Compliance	E002	08/04/2023	Temperature	16.4	degrees C
MW-391	Compliance	E002	08/04/2023	Thallium, total	0.001 U	mg/L
MW-391	Compliance	E002	08/04/2023	Total Dissolved Solids	2,090	mg/L
MW-391	Compliance	E002	08/04/2023	Turbidity, field	7.60	NTU

**Notes:**

C = Celsius

cm = centimeter

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

SU = Standard Units

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

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

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 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-150	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.0104	Background	No Exceedance
MW-150	PMP	E002	Barium, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.0194	2.0	Standard	No Exceedance
MW-150	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-150	PMP	E002	Boron, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	4.38	2.16	Background	Exceedance
MW-150	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-150	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	53	1,370	Background	No Exceedance
MW-150	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.75	4.0	Standard	No Exceedance
MW-150	PMP	E002	Lead, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-150	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.0502	0.140	Background	No Exceedance
MW-150	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-150	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/07/23	3	67	Most recent sample	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E002	pH (field)	SU	03/22/16 - 08/07/23	31	0	CB around T-S line	6.9/7.0	6.5/11.1	Standard/Background	No Exceedance
MW-150	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.628	5	Standard	No Exceedance
MW-150	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/07/23	3	33	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-150	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	852	762	Background	Exceedance
MW-150	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-150	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/07/23	31	0	CB around linear reg	1,670	3,260	Background	No Exceedance
MW-151	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/07/23	4	50	CI around mean	0.00111	0.0104	Background	No Exceedance
MW-151	PMP	E002	Barium, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	-0.00876	2.0	Standard	No Exceedance
MW-151	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/07/23	4	75	CI around median (Last Sample, n<7)	0.001	0.004	Standard	No Exceedance
MW-151	PMP	E002	Boron, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.04	2.16	Background	No Exceedance
MW-151	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-151	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	30.2	1,370	Background	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-151	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.00972	0.1	Standard	No Exceedance
MW-151	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.00834	0.006	Standard	No Exceedance
MW-151	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.482	4.0	Standard	No Exceedance
MW-151	PMP	E002	Lead, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.0104	0.0075	Standard	No Exceedance
MW-151	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.0218	0.140	Background	No Exceedance
MW-151	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-151	PMP	E002	pH (field)	SU	03/16/17 - 08/07/23	28	0	CI around mean	6.9/7.0	6.5/11.1	Standard/Background	No Exceedance
MW-151	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/07/23	4	0	CI around mean	-0.837	5	Standard	No Exceedance
MW-151	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-151	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	64.7	762	Background	No Exceedance
MW-151	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E002	Total Dissolved Solids	mg/L	03/16/17 - 08/07/23	28	0	CI around mean	542	3,260	Background	No Exceedance
MW-152	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.001	0.0104	Background	No Exceedance
MW-152	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.033	2.0	Standard	No Exceedance
MW-152	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-152	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	9.09	2.16	Background	Exceedance
MW-152	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-152	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	37	1,370	Background	No Exceedance
MW-152	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0037	0.1	Standard	No Exceedance
MW-152	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0012	0.006	Standard	No Exceedance
MW-152	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.39	4.0	Standard	No Exceedance
MW-152	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.002	0.0075	Standard	No Exceedance
MW-152	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	3	33	Most recent sample	0.0117	0.140	Background	No Exceedance
MW-152	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-152	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-152	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	31	0	CI around geomean	6.8/7.0	6.5/11.1	Standard/Background	No Exceedance
MW-152	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	3	0	Most recent sample	1.31	5	Standard	No Exceedance
MW-152	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-152	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	732	762	Background	No Exceedance
MW-152	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-152	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	31	0	CB around linear reg	511	3,260	Background	No Exceedance
MW-153	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0104	Background	No Exceedance
MW-153	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around median (Last Sample, n<7)	0.0357	2.0	Standard	No Exceedance
MW-153	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.004	Standard	No Exceedance
MW-153	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	4	60	CI around median (Last Sample, n<7)	0.0357	2.16	Background	No Exceedance
MW-153	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-153	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	14.1	1,370	Background	No Exceedance
MW-153	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.322	4.0	Standard	No Exceedance
MW-153	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.0075	Standard	No Exceedance
MW-153	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	4	25	CI around mean	0.00224	0.140	Background	No Exceedance
MW-153	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	32	0	CI around median	7.0/7.2	6.5/11.1	Standard/Background	No Exceedance
MW-153	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	4	0	CI around mean	-0.989	5	Standard	No Exceedance
MW-153	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.00185	0.05	Standard	No Exceedance
MW-153	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	52.7	762	Background	No Exceedance
MW-153	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	32	0	CI around median	364	3,260	Background	No Exceedance
MW-252	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0012	0.006	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-252	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0011	0.0104	Background	No Exceedance
MW-252	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0359	2.0	Standard	No Exceedance
MW-252	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-252	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.143	2.16	Background	No Exceedance
MW-252	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-252	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	37	1,370	Background	No Exceedance
MW-252	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0049	0.1	Standard	No Exceedance
MW-252	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	3	33	Most recent sample	0.0019	0.006	Standard	No Exceedance
MW-252	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.24	4.0	Standard	No Exceedance
MW-252	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0018	0.0075	Standard	No Exceedance
MW-252	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0151	0.140	Background	No Exceedance
MW-252	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-252	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	31	0	CI around median	6.8/7.0	6.5/11.1	Standard/Background	No Exceedance
MW-252	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	3	0	Most recent sample	2.63	5	Standard	No Exceedance
MW-252	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-252	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	448	762	Background	No Exceedance
MW-252	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-252	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	31	0	CB around linear reg	1,120	3,260	Background	No Exceedance
MW-253	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-253	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.0104	Background	No Exceedance
MW-253	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0562	2.0	Standard	No Exceedance
MW-253	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-253	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	2	33	Most recent sample	0.0698	2.16	Background	No Exceedance
MW-253	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-253	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	21	1,370	Background	No Exceedance
MW-253	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	2	50	Most recent sample	0.0015	0.1	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-253	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-253	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.23	4.0	Standard	No Exceedance
MW-253	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-253	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0286	0.140	Background	No Exceedance
MW-253	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-253	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0069	0.1	Standard	No Exceedance
MW-253	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	30	0	CI around median	11.3/11.8	6.5/11.1	Standard/Background	Exceedance
MW-253	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.645	5	Standard	No Exceedance
MW-253	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-253	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	154	762	Background	No Exceedance
MW-253	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-253	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	30	0	CI around mean	448	3,260	Background	No Exceedance
MW-350	UA	E002	Antimony, total	mg/L	03/26/20 - 08/07/23	9	11	CI around mean	0.000845	0.006	Standard	No Exceedance
MW-350	UA	E002	Arsenic, total	mg/L	03/26/20 - 08/07/23	9	89	CI around median	0.001	0.0104	Background	No Exceedance
MW-350	UA	E002	Barium, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.188	2.0	Standard	No Exceedance
MW-350	UA	E002	Beryllium, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-350	UA	E002	Boron, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.543	2.16	Background	No Exceedance
MW-350	UA	E002	Cadmium, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-350	UA	E002	Chloride, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	40.8	1,370	Background	No Exceedance
MW-350	UA	E002	Chromium, total	mg/L	03/26/20 - 08/07/23	9	67	CI around median	0.0015	0.1	Standard	No Exceedance
MW-350	UA	E002	Cobalt, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350	UA	E002	Fluoride, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.138	4.0	Standard	No Exceedance
MW-350	UA	E002	Lead, total	mg/L	03/26/20 - 08/07/23	9	56	CI around median	0.001	0.0075	Standard	No Exceedance
MW-350	UA	E002	Lithium, total	mg/L	06/25/19 - 08/07/23	11	0	CI around mean	0.0733	0.140	Background	No Exceedance
MW-350	UA	E002	Mercury, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-350	UA	E002	Molybdenum, total	mg/L	03/26/20 - 08/07/23	9	11	CI around mean	0.00263	0.1	Standard	No Exceedance
MW-350	UA	E002	pH (field)	SU	03/22/16 - 08/07/23	34	0	CB around T-S line	10.1/11.0	6.5/11.1	Standard/Background	No Exceedance



**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-350	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/26/20 - 08/07/23	9	0	CI around mean	0.891	5	Standard	No Exceedance
MW-350	UA	E002	Selenium, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-350	UA	E002	Sulfate, total	mg/L	03/26/20 - 08/07/23	9	10	CI around mean	67	762	Background	No Exceedance
MW-350	UA	E002	Thallium, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-350	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/07/23	32	0	CB around linear reg	157	3,260	Background	No Exceedance
MW-352	UA	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-352	UA	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0104	Background	No Exceedance
MW-352	UA	E002	Barium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.0833	2.0	Standard	No Exceedance
MW-352	UA	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-352	UA	E002	Boron, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	1.69	2.16	Background	No Exceedance
MW-352	UA	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-352	UA	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	510	1,370	Background	No Exceedance
MW-352	UA	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-352	UA	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	1.19	4.0	Standard	No Exceedance
MW-352	UA	E002	Lead, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-352	UA	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.08	0.140	Background	No Exceedance
MW-352	UA	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E002	pH (field)	SU	03/22/16 - 08/04/23	32	0	CB around T-S line	7.3/7.5	6.5/11.1	Standard/Background	No Exceedance
MW-352	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	4	0	CI around mean	0.586	5	Standard	No Exceedance
MW-352	UA	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-352	UA	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	10	762	Background	No Exceedance
MW-352	UA	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-352	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	32	0	CI around median	1,120	3,260	Background	No Exceedance
MW-366	UA	E002	Antimony, total	mg/L	01/20/16 - 08/04/23	21	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-366	UA	E002	Arsenic, total	mg/L	01/20/16 - 08/04/23	21	95	CI around median	0.001	0.0104	Background	No Exceedance



**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**  
 845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 FLY ASH POND SYSTEM  
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-366	UA	E002	Barium, total	mg/L	01/20/16 - 08/04/23	21	0	CB around linear reg	0.0193	2.0	Standard	No Exceedance
MW-366	UA	E002	Beryllium, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-366	UA	E002	Boron, total	mg/L	01/20/16 - 08/04/23	22	0	CI around geomean	1.5	2.16	Background	No Exceedance
MW-366	UA	E002	Cadmium, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-366	UA	E002	Chloride, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	47.7	1,370	Background	No Exceedance
MW-366	UA	E002	Chromium, total	mg/L	01/20/16 - 08/04/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-366	UA	E002	Cobalt, total	mg/L	01/20/16 - 08/04/23	19	79	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E002	Fluoride, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	0.103	4.0	Standard	No Exceedance
MW-366	UA	E002	Lead, total	mg/L	01/20/16 - 08/04/23	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-366	UA	E002	Lithium, total	mg/L	01/20/16 - 08/04/23	21	5	CB around linear reg	0.000761	0.140	Background	No Exceedance
MW-366	UA	E002	Mercury, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-366	UA	E002	Molybdenum, total	mg/L	01/20/16 - 08/04/23	21	5	CI around mean	0.0028	0.1	Standard	No Exceedance
MW-366	UA	E002	pH (field)	SU	01/20/16 - 08/04/23	22	0	CB around linear reg	6.6/7.0	6.5/11.1	Standard/Background	No Exceedance
MW-366	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 08/04/23	21	0	CI around geomean	0.431	5	Standard	No Exceedance
MW-366	UA	E002	Selenium, total	mg/L	01/20/16 - 08/04/23	21	95	CI around median	0.001	0.05	Standard	No Exceedance
MW-366	UA	E002	Sulfate, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	550	762	Background	No Exceedance
MW-366	UA	E002	Thallium, total	mg/L	01/20/16 - 08/04/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-366	UA	E002	Total Dissolved Solids	mg/L	01/20/16 - 08/04/23	21	0	CB around linear reg	1,200	3,260	Background	No Exceedance
MW-375	UA	E002	Antimony, total	mg/L	01/20/16 - 08/07/23	21	24	CB around T-S line	-0.000161	0.006	Standard	No Exceedance
MW-375	UA	E002	Arsenic, total	mg/L	01/20/16 - 08/07/23	21	5	CI around median	0.0014	0.0104	Background	No Exceedance
MW-375	UA	E002	Barium, total	mg/L	01/20/16 - 08/07/23	21	0	CI around geomean	0.0247	2.0	Standard	No Exceedance
MW-375	UA	E002	Beryllium, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-375	UA	E002	Boron, total	mg/L	01/20/16 - 08/07/23	22	0	CB around T-S line	1.45	2.16	Background	No Exceedance
MW-375	UA	E002	Cadmium, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-375	UA	E002	Chloride, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	91.6	1,370	Background	No Exceedance
MW-375	UA	E002	Chromium, total	mg/L	01/20/16 - 08/07/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-375	UA	E002	Cobalt, total	mg/L	01/20/16 - 08/07/23	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-375	UA	E002	Fluoride, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	2.22	4.0	Standard	No Exceedance
MW-375	UA	E002	Lead, total	mg/L	01/20/16 - 08/07/23	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-375	UA	E002	Lithium, total	mg/L	01/20/16 - 08/07/23	21	0	CB around linear reg	0.0701	0.140	Background	No Exceedance
MW-375	UA	E002	Mercury, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-375	UA	E002	Molybdenum, total	mg/L	01/20/16 - 08/07/23	21	0	CI around mean	0.0247	0.1	Standard	No Exceedance
MW-375	UA	E002	pH (field)	SU	01/20/16 - 08/07/23	22	0	CI around median	7.7/7.8	6.5/11.1	Standard/Background	No Exceedance
MW-375	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 08/07/23	21	0	CI around median	0.248	5	Standard	No Exceedance
MW-375	UA	E002	Selenium, total	mg/L	01/20/16 - 08/07/23	21	90	CI around median	0.001	0.05	Standard	No Exceedance
MW-375	UA	E002	Sulfate, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	116	762	Background	No Exceedance
MW-375	UA	E002	Thallium, total	mg/L	01/20/16 - 08/07/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-375	UA	E002	Total Dissolved Solids	mg/L	01/20/16 - 08/07/23	22	0	CI around median	904	3,260	Background	No Exceedance
MW-377	UA	E002	Antimony, total	mg/L	01/19/16 - 08/07/23	21	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-377	UA	E002	Arsenic, total	mg/L	01/19/16 - 08/07/23	21	81	CI around median	0.001	0.0104	Background	No Exceedance
MW-377	UA	E002	Barium, total	mg/L	01/19/16 - 08/07/23	21	0	CI around mean	0.0605	2.0	Standard	No Exceedance
MW-377	UA	E002	Beryllium, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-377	UA	E002	Boron, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	1.67	2.16	Background	No Exceedance
MW-377	UA	E002	Cadmium, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-377	UA	E002	Chloride, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	89.9	1,370	Background	No Exceedance
MW-377	UA	E002	Chromium, total	mg/L	01/19/16 - 08/07/23	21	95	CB around T-S line	0.00142	0.1	Standard	No Exceedance
MW-377	UA	E002	Cobalt, total	mg/L	01/19/16 - 08/07/23	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-377	UA	E002	Fluoride, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	1.11	4.0	Standard	No Exceedance
MW-377	UA	E002	Lead, total	mg/L	01/19/16 - 08/07/23	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-377	UA	E002	Lithium, total	mg/L	01/19/16 - 08/07/23	21	0	CB around linear reg	0.0573	0.140	Background	No Exceedance
MW-377	UA	E002	Mercury, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-377	UA	E002	Molybdenum, total	mg/L	01/19/16 - 08/07/23	21	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-377	UA	E002	pH (field)	SU	01/19/16 - 08/07/23	22	0	CI around median	7.1/7.2	6.5/11.1	Standard/Background	No Exceedance
MW-377	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 08/07/23	21	0	CI around mean	0.352	5	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-377	UA	E002	Selenium, total	mg/L	01/19/16 - 08/07/23	21	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-377	UA	E002	Sulfate, total	mg/L	01/19/16 - 08/07/23	22	0	CB around linear reg	35.2	762	Background	No Exceedance
MW-377	UA	E002	Thallium, total	mg/L	01/19/16 - 08/07/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-377	UA	E002	Total Dissolved Solids	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	598	3,260	Background	No Exceedance
MW-383	UA	E002	Antimony, total	mg/L	01/21/16 - 08/03/23	21	86	CB around T-S line	0.000686	0.006	Standard	No Exceedance
MW-383	UA	E002	Arsenic, total	mg/L	01/21/16 - 08/03/23	21	76	CI around median	0.001	0.0104	Background	No Exceedance
MW-383	UA	E002	Barium, total	mg/L	01/21/16 - 08/03/23	21	0	CB around T-S line	0.0441	2.0	Standard	No Exceedance
MW-383	UA	E002	Beryllium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-383	UA	E002	Boron, total	mg/L	01/21/16 - 08/03/23	22	0	CI around median	1.33	2.16	Background	No Exceedance
MW-383	UA	E002	Cadmium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-383	UA	E002	Chloride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around T-S line	40	1,370	Background	No Exceedance
MW-383	UA	E002	Chromium, total	mg/L	01/21/16 - 08/03/23	21	95	CB around T-S line	0.00142	0.1	Standard	No Exceedance
MW-383	UA	E002	Cobalt, total	mg/L	01/21/16 - 08/03/23	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-383	UA	E002	Fluoride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	0.637	4.0	Standard	No Exceedance
MW-383	UA	E002	Lead, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-383	UA	E002	Lithium, total	mg/L	01/21/16 - 08/03/23	21	0	CI around mean	0.033	0.140	Background	No Exceedance
MW-383	UA	E002	Mercury, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-383	UA	E002	Molybdenum, total	mg/L	01/21/16 - 08/03/23	21	0	CI around geomean	0.0103	0.1	Standard	No Exceedance
MW-383	UA	E002	pH (field)	SU	01/21/16 - 08/03/23	22	0	CB around linear reg	7.4/7.6	6.5/11.1	Standard/Background	No Exceedance
MW-383	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 08/03/23	21	0	CI around mean	0.343	5	Standard	No Exceedance
MW-383	UA	E002	Selenium, total	mg/L	01/21/16 - 08/03/23	21	95	CI around median	0.001	0.05	Standard	No Exceedance
MW-383	UA	E002	Sulfate, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	148	762	Background	No Exceedance
MW-383	UA	E002	Thallium, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-383	UA	E002	Total Dissolved Solids	mg/L	01/21/16 - 08/03/23	22	0	CI around mean	873	3,260	Background	No Exceedance
MW-384	UA	E002	Antimony, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E002	Arsenic, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.0104	Background	No Exceedance
MW-384	UA	E002	Barium, total	mg/L	01/21/16 - 08/03/23	21	0	CB around linear reg	0.0384	2.0	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**  
 845 QUARTERLY REPORT  
 BALDWIN POWER PLANT  
 FLY ASH POND SYSTEM  
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-384	UA	E002	Beryllium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-384	UA	E002	Boron, total	mg/L	01/21/16 - 08/03/23	22	0	CI around median	1.41	2.16	Background	No Exceedance
MW-384	UA	E002	Cadmium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-384	UA	E002	Chloride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	459	1,370	Background	No Exceedance
MW-384	UA	E002	Chromium, total	mg/L	01/21/16 - 08/03/23	21	95	CB around T-S line	0.00142	0.1	Standard	No Exceedance
MW-384	UA	E002	Cobalt, total	mg/L	01/21/16 - 08/03/23	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E002	Fluoride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	3.6	4.0	Standard	No Exceedance
MW-384	UA	E002	Lead, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-384	UA	E002	Lithium, total	mg/L	01/21/16 - 08/03/23	21	0	CI around mean	0.0386	0.140	Background	No Exceedance
MW-384	UA	E002	Mercury, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-384	UA	E002	Molybdenum, total	mg/L	01/21/16 - 08/03/23	21	0	CB around linear reg	0.0204	0.1	Standard	No Exceedance
MW-384	UA	E002	pH (field)	SU	01/21/16 - 08/03/23	22	0	CI around median	7.8/8.0	6.5/11.1	Standard/Background	No Exceedance
MW-384	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 08/03/23	21	0	CI around geomean	0.346	5	Standard	No Exceedance
MW-384	UA	E002	Selenium, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-384	UA	E002	Sulfate, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	-1.13	762	Background	No Exceedance
MW-384	UA	E002	Thallium, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-384	UA	E002	Total Dissolved Solids	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	1,440	3,260	Background	No Exceedance
MW-390	UA	E002	Antimony, total	mg/L	03/22/16 - 08/04/23	21	95	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E002	Arsenic, total	mg/L	03/22/16 - 08/04/23	21	10	CI around geomean	0.00123	0.0104	Background	No Exceedance
MW-390	UA	E002	Barium, total	mg/L	03/22/16 - 08/04/23	21	0	CI around mean	0.0458	2.0	Standard	No Exceedance
MW-390	UA	E002	Beryllium, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-390	UA	E002	Boron, total	mg/L	03/22/16 - 08/04/23	22	0	CB around linear reg	-0.635	2.16	Background	No Exceedance
MW-390	UA	E002	Cadmium, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-390	UA	E002	Chloride, total	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	64.5	1,370	Background	No Exceedance
MW-390	UA	E002	Chromium, total	mg/L	03/22/16 - 08/04/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-390	UA	E002	Cobalt, total	mg/L	03/22/16 - 08/04/23	19	68	CB around T-S line	3.64e-07	0.006	Standard	No Exceedance
MW-390	UA	E002	Fluoride, total	mg/L	03/22/16 - 08/04/23	22	0	CB around linear reg	0.269	4.0	Standard	No Exceedance

**TABLE 2.**  
**COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-390	UA	E002	Lead, total	mg/L	03/22/16 - 08/04/23	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-390	UA	E002	Lithium, total	mg/L	03/22/16 - 08/04/23	21	5	CI around mean	0.0196	0.140	Background	No Exceedance
MW-390	UA	E002	Mercury, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-390	UA	E002	Molybdenum, total	mg/L	03/22/16 - 08/04/23	21	5	CI around geomean	0.00313	0.1	Standard	No Exceedance
MW-390	UA	E002	pH (field)	SU	03/22/16 - 08/04/23	22	0	CB around linear reg	6.7/7.2	6.5/11.1	Standard/Background	No Exceedance
MW-390	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 08/04/23	21	0	CI around mean	0.655	5	Standard	No Exceedance
MW-390	UA	E002	Selenium, total	mg/L	03/22/16 - 08/04/23	21	90	CI around median	0.001	0.05	Standard	No Exceedance
MW-390	UA	E002	Sulfate, total	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	137	762	Background	No Exceedance
MW-390	UA	E002	Thallium, total	mg/L	03/22/16 - 08/04/23	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-390	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	679	3,260	Background	No Exceedance
MW-391	UA	E002	Antimony, total	mg/L	12/22/16 - 08/04/23	16	0	CI around geomean	0.00151	0.006	Standard	No Exceedance
MW-391	UA	E002	Arsenic, total	mg/L	12/22/16 - 08/04/23	16	6	CB around linear reg	0.00266	0.0104	Background	No Exceedance
MW-391	UA	E002	Barium, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	0.00953	2.0	Standard	No Exceedance
MW-391	UA	E002	Beryllium, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-391	UA	E002	Boron, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	2.41	2.16	Background	Exceedance
MW-391	UA	E002	Cadmium, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-391	UA	E002	Chloride, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	152	1,370	Background	No Exceedance
MW-391	UA	E002	Chromium, total	mg/L	12/22/16 - 08/04/23	16	81	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-391	UA	E002	Cobalt, total	mg/L	12/22/16 - 08/04/23	14	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-391	UA	E002	Fluoride, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	2.9	4.0	Standard	No Exceedance
MW-391	UA	E002	Lead, total	mg/L	12/22/16 - 08/04/23	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-391	UA	E002	Lithium, total	mg/L	12/22/16 - 08/04/23	17	0	CI around mean	0.0703	0.140	Background	No Exceedance
MW-391	UA	E002	Mercury, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-391	UA	E002	Molybdenum, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	0.0384	0.1	Standard	No Exceedance
MW-391	UA	E002	pH (field)	SU	12/22/16 - 08/04/23	17	0	CB around linear reg	7.7/8.1	6.5/11.1	Standard/Background	No Exceedance
MW-391	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 08/04/23	16	0	CI around mean	0.75	5	Standard	No Exceedance
MW-391	UA	E002	Selenium, total	mg/L	12/22/16 - 08/04/23	16	0	CI around geomean	0.00178	0.05	Standard	No Exceedance



**TABLE 2.  
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-391	UA	E002	Sulfate, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	77.5	762	Background	No Exceedance
MW-391	UA	E002	Thallium, total	mg/L	12/22/16 - 08/04/23	14	93	CI around median	0.001	0.002	Standard	No Exceedance
MW-391	UA	E002	Total Dissolved Solids	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	1,970	3,260	Background	No Exceedance

**Notes:**

Compliance Result:

No Exceedance: the statistical result did not exceed the GWPS.

Exceedance: The statistical result exceeded the GWPS.

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

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 the Statistical Analysis Plan using constituent concentrations observed at each 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)



## FIGURES



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



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



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

FLY ASH POND SYSTEM  
BALDWIN POWER PLANT  
BALDWIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS  
ENGINEERING SOLUTIONS, INC.





## **ATTACHMENTS**

**ATTACHMENT A  
GROUNDWATER ELEVATION DATA  
QUARTER 3, 2023**

**ATTACHMENT A.  
GROUNDWATER ELEVATION DATA - QUARTER 3, 2023**

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

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-150	Compliance	08/07/2023	[20.65]	[375.89]
MW-151	Compliance	08/02/2023	8.07	391.89
MW-152	Compliance	08/02/2023	8.19	416.80
MW-153	Compliance	08/02/2023	16.19	429.48
MW-252	Compliance	08/02/2023	2.81	422.26
MW-253	Compliance	08/04/2023	[16.15]	[429.69]
MW-304	Background	08/03/2023	9.84	445.65
MW-306	Background	08/04/2023	[17.49]	[435.68]
MW-350	Compliance	08/07/2023	[23.89]	[372.91]
MW-352	Compliance	08/02/2023	13.49	411.55
MW-358	Background	08/03/2023	31.10	424.63
MW-366	Compliance	08/02/2023	18.26	406.82
MW-375	Compliance	08/02/2023	33.56	389.49
MW-377	Compliance	08/02/2023	6.17	415.19
MW-383	Compliance	08/02/2023	19.92	439.57
MW-384	Compliance	08/02/2023	15.10	443.85
MW-390	Compliance	08/02/2023	8.89	419.17
MW-391	Compliance	08/02/2023	65.42	361.21

**Notes:**

Only wells with groundwater elevations measured are included.

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 3, 2023**



October 11, 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-23Q3**

**WorkOrder: 23071339**

Dear Eric Bauer:

TEKLAB, INC received 45 samples on 8/15/2023 2:54:00 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:** 23071339

**Client Project:** BAL-23Q3

**Report Date:** 11-Oct-23

**This reporting package includes the following:**

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Chain of Custody	Appended

## Definitions

**Client:** Ramboll

**Work Order:** 23071339

**Client Project:** BAL-23Q3

**Report Date:** 11-Oct-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:** 23071339

**Client Project:** BAL-23Q3

**Report Date:** 11-Oct-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-23Q3

**Work Order:** 23071339  
**Report Date:** 11-Oct-23

**Cooler Receipt Temp:** 5.7 °C

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

Per Joe Riley, the unpreserved (total) volume for MW-358 was collected on 8/7/23 at 1734 and delivered to the lab on 8/8/23 at 0830. LM/EAH 8/8/23

MW-154 and OW-257 were dry and could not be collected. PZ-170 went dry during sample collection; not all analyses could be completed. EAH 8/9/23

PZ-182, OW-156, and OW-157 were recollected on 8/15/23 due to field meter error. Resamples will be reported. EAH 8/16/23

MW-193, MW-375, MW-377, and MW-394 collection times will be reported per the field notes rather than as listed on the chain of custody. TAC/EAH 8/17/23

MW-356 dissolved Al, Fe and Mn are reported by ICP due to a damaged prep container with no sample volume remaining for re-prep. EAH 9/19/23

BAL-845-605 data is included in this report. EAH 10/11/23

### Locations

#### Collinsville

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

#### Collinsville Air

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**Phone** (618) 344-1004  
**Fax** (618) 344-1005  
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Downers Grove, IL 60515  
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#### Kansas City

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





## Accreditations

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

**Client:** Ramboll

**Work Order:** 23071339

**Client Project:** BAL-23Q3

**Report Date:** 11-Oct-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	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-003  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-150  
Collection Date: 08/07/2023 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		20.65	ft	1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.1	NTU	1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-65	mV	1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2610	µS/cm	1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.0	°C	1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.65	mg/L	1	08/07/2023 11:25	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.05		1	08/07/2023 11:25	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		314	mg/L	1	08/08/2023 16:10	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 16:10	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1670	mg/L	1	08/10/2023 9:49	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	307	500		852	mg/L	50	08/16/2023 14:28	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.75	mg/L	1	08/14/2023 11:22	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	8	S	53	mg/L	2	08/16/2023 0:08	R335089
<i>Matrix spike did not recover within control limits due to matrix interference.</i>									
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		186	mg/L	1	08/14/2023 12:45	210625
Magnesium	NELAP	0.0055	0.0500		145	mg/L	1	08/11/2023 17:33	210625
Potassium	NELAP	0.0400	0.100		0.864	mg/L	1	08/11/2023 17:33	210625
Sodium	NELAP	0.0180	0.0500		94.8	mg/L	1	08/11/2023 17:33	210625
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/11/2023 16:55	210625
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	09/15/2023 16:15	210625
Barium	NELAP	0.0007	0.0010		0.0194	mg/L	5	09/15/2023 1:25	210625
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 1:25	210625
Boron	NELAP	0.0092	0.0250		4.38	mg/L	5	09/15/2023 1:25	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 1:25	210625
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	09/15/2023 16:15	210625
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/11/2023 16:55	210625
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/15/2023 1:25	210625
Lithium	*	0.0015	0.0030		0.0502	mg/L	5	08/11/2023 16:55	210625
Molybdenum	*	0.0006	0.0015		0.0015	mg/L	5	09/15/2023 1:25	210625
Selenium	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	08/11/2023 16:55	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 16:55	210625



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-003  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-150  
**Collection Date:** 08/07/2023 11:25

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	08/11/2023 14:35	210704



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-004  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-151  
Collection Date: 08/07/2023 10:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.07	ft	1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		69	NTU	1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		166	mV	1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1270	µS/cm	1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.3	°C	1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.23	mg/L	1	08/07/2023 10:57	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.76		1	08/07/2023 10:57	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		443	mg/L	1	08/08/2023 16:17	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 16:17	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		595	mg/L	2.5	08/10/2023 9:50	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		93	mg/L	5	08/16/2023 0:49	R335058
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.59	mg/L	1	08/14/2023 11:23	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		38	mg/L	1	08/16/2023 0:45	R335089
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		108	mg/L	1	08/14/2023 12:45	210625
Magnesium	NELAP	0.0055	0.0500		40.5	mg/L	1	08/11/2023 17:34	210625
Potassium	NELAP	0.0400	0.100		2.37	mg/L	1	08/11/2023 17:34	210625
Sodium	NELAP	0.0180	0.0500		64.6	mg/L	1	08/11/2023 17:34	210625
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/11/2023 17:01	210625
Arsenic	NELAP	0.0004	0.0010		0.0016	mg/L	5	09/15/2023 16:20	210625
Barium	NELAP	0.0007	0.0010		0.0666	mg/L	5	09/15/2023 1:30	210625
Beryllium	NELAP	0.0002	0.0010	J	0.0004	mg/L	5	09/15/2023 1:30	210625
Boron	NELAP	0.0092	0.0250		0.887	mg/L	5	09/15/2023 1:30	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 1:30	210625
Chromium	NELAP	0.0007	0.0015		0.0097	mg/L	5	09/15/2023 16:20	210625
Cobalt	NELAP	0.0001	0.0010		0.0030	mg/L	5	08/11/2023 17:01	210625
Lead	NELAP	0.0006	0.0010		0.0029	mg/L	5	09/15/2023 1:30	210625
Lithium	*	0.0015	0.0030		0.0251	mg/L	5	08/11/2023 17:01	210625
Molybdenum	*	0.0006	0.0015		< 0.0015	mg/L	5	09/15/2023 1:30	210625
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 17:01	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 17:01	210625



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-004  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-151  
**Collection Date:** 08/07/2023 10:57

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	08/11/2023 14:37	210704





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-005  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-152  
Collection Date: 08/04/2023 13:39

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	08/04/2023 13:39	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		49	NTU	1	08/04/2023 13:39	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		108	mV	1	08/04/2023 13:39	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2400	µS/cm	1	08/04/2023 13:39	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.1	°C	1	08/04/2023 13:39	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.19	mg/L	1	08/04/2023 13:39	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.93		1	08/04/2023 13:39	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		414	mg/L	1	08/08/2023 11:41	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 11:41	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		1510	mg/L	2.5	08/08/2023 9:31	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	307	500	S	732	mg/L	50	08/17/2023 13:34	R335217
<i>Matrix spike did not recover within control limits. Results verified by reanalysis.</i>									
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.39	mg/L	1	08/11/2023 14:49	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		37	mg/L	5	08/16/2023 0:56	R335089
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		209	mg/L	1	08/07/2023 17:23	210441
Magnesium	NELAP	0.0055	0.0500		100	mg/L	1	08/07/2023 17:23	210441
Potassium	NELAP	0.0400	0.100		1.34	mg/L	1	08/07/2023 17:23	210441
Sodium	NELAP	0.0180	0.0500		149	mg/L	1	08/08/2023 13:45	210441
<i>Sample result(s) for Silicon 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	08/08/2023 15:07	210441
Arsenic	NELAP	0.0004	0.0010	J	0.0010	mg/L	5	09/14/2023 10:34	210441
Barium	NELAP	0.0007	0.0010		0.0330	mg/L	5	09/14/2023 10:34	210441
Beryllium	NELAP	0.0002	0.0010	J	0.0004	mg/L	5	09/14/2023 10:34	210441
Boron	NELAP	0.0092	0.0250		9.09	mg/L	5	09/14/2023 10:34	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 10:34	210441
Chromium	NELAP	0.0007	0.0015		0.0037	mg/L	5	09/14/2023 10:34	210441
Cobalt	NELAP	0.0001	0.0010		0.0012	mg/L	5	08/08/2023 15:07	210441
Lead	NELAP	0.0006	0.0010		0.0020	mg/L	5	09/14/2023 10:34	210441
Lithium	*	0.0015	0.0030		0.0117	mg/L	5	08/08/2023 15:07	210441
Molybdenum	*	0.0006	0.0015	J	0.0008	mg/L	5	09/14/2023 10:34	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 15:07	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 15:07	210441



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-005  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-152  
**Collection Date:** 08/04/2023 13:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 12:48	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-006  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23

Client Sample ID: MW-153

Collection Date: 08/04/2023 11:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		16.19	ft	1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.4	NTU	1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		89	mV	1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		781	µS/cm	1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		14.9	°C	1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.21	mg/L	1	08/04/2023 11:48	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.19		1	08/04/2023 11:48	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		198	mg/L	1	08/08/2023 11:48	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 11:48	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		396	mg/L	1	08/08/2023 9:32	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	12	20		62	mg/L	2	08/16/2023 1:30	R335058
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.44	mg/L	1	08/11/2023 14:52	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	8		16	mg/L	2	08/16/2023 1:30	R335089
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		52.8	mg/L	1	08/07/2023 17:24	210441
Magnesium	NELAP	0.0055	0.0500		22.3	mg/L	1	08/07/2023 17:24	210441
Potassium	NELAP	0.0400	0.100		0.230	mg/L	1	08/07/2023 17:24	210441
Sodium	NELAP	0.0180	0.0500		53.3	mg/L	1	08/08/2023 13:47	210441
<i>Sample result(s) for Silicon exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/08/2023 15:12	210441
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/14/2023 10:40	210441
Barium	NELAP	0.0007	0.0010		0.0357	mg/L	5	09/14/2023 10:40	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 10:40	210441
Boron	NELAP	0.0092	0.0250		0.0357	mg/L	5	09/14/2023 10:40	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 10:40	210441
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	09/14/2023 10:40	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 15:12	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 10:40	210441
Lithium	*	0.0015	0.0030		0.0035	mg/L	5	08/08/2023 15:12	210441
Molybdenum	*	0.0006	0.0015		< 0.0015	mg/L	5	09/14/2023 10:40	210441
Selenium	NELAP	0.0006	0.0010		0.0021	mg/L	5	08/08/2023 15:12	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 15:12	210441



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-006  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-153  
**Collection Date:** 08/04/2023 11:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 12:50	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-011  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-252  
Collection Date: 08/04/2023 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		2.81	ft	1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		93	NTU	1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-51	mV	1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1940	µS/cm	1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		18.9	°C	1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.99	mg/L	1	08/04/2023 14:12	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.68		1	08/04/2023 14:12	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		486	mg/L	1	08/08/2023 12:07	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:07	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	40	50		1260	mg/L	2.5	08/08/2023 10:00	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	123	200		448	mg/L	20	08/16/2023 2:12	R335058
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.24	mg/L	1	08/11/2023 15:04	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		37	mg/L	1	08/16/2023 1:54	R335089
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		210	mg/L	1	08/07/2023 17:41	210441
Magnesium	NELAP	0.0055	0.0500		82.5	mg/L	1	08/07/2023 17:41	210441
Potassium	NELAP	0.0400	0.100		1.89	mg/L	1	08/07/2023 17:41	210441
Sodium	NELAP	0.0180	0.0500		94.9	mg/L	1	08/08/2023 19:04	210441
<i>Sample result(s) for 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		0.0012	mg/L	5	08/08/2023 15:23	210441
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	09/14/2023 11:29	210441
Barium	NELAP	0.0007	0.0010		0.0359	mg/L	5	09/14/2023 11:29	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:29	210441
Boron	NELAP	0.0092	0.0250		0.143	mg/L	5	09/14/2023 11:29	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:29	210441
Chromium	NELAP	0.0007	0.0015		0.0049	mg/L	5	09/14/2023 11:29	210441
Cobalt	NELAP	0.0001	0.0010		0.0019	mg/L	5	08/08/2023 15:23	210441
Lead	NELAP	0.0006	0.0010		0.0018	mg/L	5	09/14/2023 11:29	210441
Lithium	*	0.0015	0.0030		0.0151	mg/L	5	08/08/2023 15:23	210441
Molybdenum	*	0.0006	0.0015	J	0.0008	mg/L	5	09/14/2023 11:29	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 15:23	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 15:23	210441





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-011  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-252  
Collection Date: 08/04/2023 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:01	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-012  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23

Client Sample ID: MW-253

Collection Date: 08/04/2023 12:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		16.15	ft	1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		8.0	NTU	1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		68	mV	1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		938	µS/cm	1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.0	°C	1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.65	mg/L	1	08/04/2023 12:07	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		11.3		1	08/04/2023 12:07	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:15	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		29	mg/L	1	08/08/2023 12:15	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		328	mg/L	1	08/08/2023 10:00	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		154	mg/L	5	08/16/2023 2:20	R335058
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.23	mg/L	1	08/11/2023 15:07	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		21	mg/L	1	08/16/2023 2:16	R335089
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		75.0	mg/L	1	08/07/2023 17:43	210441
Magnesium	NELAP	0.0055	0.0500		2.29	mg/L	1	08/07/2023 17:43	210441
Potassium	NELAP	0.0400	0.100		1.46	mg/L	1	08/07/2023 17:43	210441
Sodium	NELAP	0.0180	0.0500		40.7	mg/L	1	08/08/2023 19:06	210441
<i>Sample result(s) for 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	08/08/2023 16:14	210441
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/14/2023 11:34	210441
Barium	NELAP	0.0007	0.0010		0.0562	mg/L	5	09/14/2023 11:34	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:34	210441
Boron	NELAP	0.0092	0.0250		0.0698	mg/L	5	09/14/2023 11:34	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:34	210441
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	09/14/2023 11:34	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 16:14	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 11:34	210441
Lithium	*	0.0015	0.0030		0.0286	mg/L	5	08/08/2023 16:14	210441
Molybdenum	*	0.0006	0.0015		0.0069	mg/L	5	09/14/2023 11:34	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 16:14	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 16:14	210441



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-012  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-253  
**Collection Date:** 08/04/2023 12:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:08	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-013  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-304  
Collection Date: 08/03/2023 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		9.84	ft	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.8	NTU	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		78	mV	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		3000	µS/cm	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.2	°C	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.69	mg/L	1	08/03/2023 15:10	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.92		1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		838	mg/L	1	08/07/2023 10:26	R334643
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/07/2023 10:26	R334643
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1380	mg/L	1	08/07/2023 9:50	R334716
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		188	mg/L	10	08/16/2023 15:26	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.70	mg/L	1	08/07/2023 11:17	R334632
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		160	mg/L	10	08/16/2023 15:27	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		11.4	mg/L	1	08/07/2023 17:45	210441
Magnesium	NELAP	0.0055	0.0500		4.76	mg/L	1	08/07/2023 17:45	210441
Potassium	NELAP	0.0400	0.100		2.31	mg/L	1	08/07/2023 17:45	210441
Sodium	NELAP	0.0180	0.0500		617	mg/L	1	08/08/2023 19:07	210441
<i>Sample result(s) for 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	08/08/2023 16:19	210441
Arsenic	NELAP	0.0004	0.0010		0.0022	mg/L	5	09/14/2023 11:40	210441
Barium	NELAP	0.0007	0.0010		0.0201	mg/L	5	09/14/2023 11:40	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:40	210441
Boron	NELAP	0.0092	0.0250		1.61	mg/L	5	09/14/2023 11:40	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:40	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 11:40	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 16:19	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 11:40	210441
Lithium	*	0.0015	0.0030		0.0779	mg/L	5	08/08/2023 16:19	210441
Molybdenum	*	0.0006	0.0015	J	0.0008	mg/L	5	09/14/2023 11:40	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 16:19	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 16:19	210441



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-013  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-304  
Collection Date: 08/03/2023 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:10	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-014  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23

Client Sample ID: MW-306

Collection Date: 08/04/2023 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		17.49	ft	1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.5	NTU	1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		78	mV	1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		738	µS/cm	1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.2	°C	1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.65	mg/L	1	08/04/2023 11:10	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		10.6		1	08/04/2023 11:10	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:22	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		81	mg/L	1	08/08/2023 12:22	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		302	mg/L	1	08/08/2023 10:00	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		41	mg/L	1	08/16/2023 15:37	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.61	mg/L	1	08/11/2023 15:09	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		50	mg/L	10	08/18/2023 1:01	R335223
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		2.49	mg/L	1	08/07/2023 17:46	210441
Magnesium	NELAP	0.0055	0.0500		0.0613	mg/L	1	08/07/2023 17:46	210441
Potassium	NELAP	0.0400	0.100		0.980	mg/L	1	08/07/2023 17:46	210441
Sodium	NELAP	0.0180	0.0500		109	mg/L	1	08/08/2023 19:09	210441
<i>Sample result(s) for 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	J	0.0005	mg/L	5	08/08/2023 16:25	210441
Arsenic	NELAP	0.0004	0.0010		0.0082	mg/L	5	09/14/2023 11:45	210441
Barium	NELAP	0.0007	0.0010		0.0034	mg/L	5	09/14/2023 11:45	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:45	210441
Boron	NELAP	0.0092	0.0250		0.400	mg/L	5	09/14/2023 11:45	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:45	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 11:45	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 16:25	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 11:45	210441
Lithium	*	0.0015	0.0030		0.0212	mg/L	5	08/08/2023 16:25	210441
Molybdenum	*	0.0006	0.0015		0.0153	mg/L	5	09/14/2023 11:45	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 16:25	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 16:25	210441





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-014  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-306  
Collection Date: 08/04/2023 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:13	210448



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: BAL-23Q3  
 Lab ID: 23071339-015  
 Matrix: GROUNDWATER

Work Order: 23071339  
 Report Date: 11-Oct-23

Client Sample ID: MW-350  
 Collection Date: 08/07/2023 11:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		23.89	ft	1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.3	NTU	1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		-7	mV	1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1040	µS/cm	1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		13.9	°C	1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		2.55	mg/L	1	08/07/2023 11:48	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		11.5		1	08/07/2023 11:48	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 16:24	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		49	mg/L	1	08/08/2023 16:24	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		328	mg/L	1	08/10/2023 9:50	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		102	mg/L	5	08/16/2023 16:11	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.13	mg/L	1	08/14/2023 11:27	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		54	mg/L	5	08/16/2023 16:12	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		39.6	mg/L	1	08/14/2023 12:48	210625
Magnesium	NELAP	0.0055	0.0500		0.784	mg/L	1	08/11/2023 17:37	210625
Potassium	NELAP	0.0400	0.100		4.46	mg/L	1	08/11/2023 17:37	210625
Sodium	NELAP	0.0180	0.0500		71.7	mg/L	1	08/11/2023 17:37	210625
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		0.0050	mg/L	5	08/11/2023 17:07	210625
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/15/2023 16:26	210625
Barium	NELAP	0.0007	0.0010		0.267	mg/L	5	09/15/2023 1:36	210625
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 1:36	210625
Boron	NELAP	0.0092	0.0250		0.585	mg/L	5	09/15/2023 1:36	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 1:36	210625
Chromium	NELAP	0.0007	0.0015		0.0031	mg/L	5	09/15/2023 16:26	210625
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/11/2023 17:07	210625
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/15/2023 1:36	210625
Lithium	*	0.0015	0.0030		0.0724	mg/L	5	08/11/2023 17:07	210625
Molybdenum	*	0.0006	0.0015		0.0054	mg/L	5	09/15/2023 1:36	210625
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 17:07	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 17:07	210625



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-015  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-350  
**Collection Date:** 08/07/2023 11:48

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>0.00013</b>	mg/L	1	08/11/2023 14:39	210704



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-016  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-352  
Collection Date: 08/04/2023 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		13.49	ft	1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		3.4	NTU	1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		85	mV	1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1360	µS/cm	1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.4	°C	1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.73	mg/L	1	08/04/2023 12:57	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.90		1	08/04/2023 12:57	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		147	mg/L	1	08/08/2023 12:30	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:30	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1280	mg/L	1	08/08/2023 10:01	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10	J	7	mg/L	1	08/21/2023 12:06	R335341
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.48	mg/L	1	08/11/2023 15:11	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		529	mg/L	20	08/16/2023 16:26	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		87.0	mg/L	1	08/07/2023 17:48	210441
Magnesium	NELAP	0.0055	0.0500		43.9	mg/L	1	08/07/2023 17:48	210441
Potassium	NELAP	0.0400	0.100		3.83	mg/L	1	08/07/2023 17:48	210441
Sodium	NELAP	0.0180	0.0500		262	mg/L	1	08/08/2023 19:11	210441
<i>Sample result(s) for 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	08/08/2023 16:30	210441
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/14/2023 11:50	210441
Barium	NELAP	0.0007	0.0010		0.0856	mg/L	5	09/14/2023 11:50	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:50	210441
Boron	NELAP	0.0092	0.0250		1.88	mg/L	5	09/14/2023 11:50	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 11:50	210441
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	09/14/2023 11:50	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 16:30	210441
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	09/14/2023 11:50	210441
Lithium	*	0.0015	0.0030		0.0867	mg/L	5	08/08/2023 16:30	210441
Molybdenum	*	0.0006	0.0015		< 0.0015	mg/L	5	09/14/2023 11:50	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 16:30	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 16:30	210441



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-016  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-352  
Collection Date: 08/04/2023 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:15	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-020  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-366  
Collection Date: 08/04/2023 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		18.26	ft	1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		6.0	NTU	1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		92	mV	1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2020	µS/cm	1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.4	°C	1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.61	mg/L	1	08/04/2023 9:54	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.87		1	08/04/2023 9:54	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		315	mg/L	1	08/08/2023 12:36	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:36	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1190	mg/L	1	08/08/2023 10:01	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	123	200		496	mg/L	20	08/16/2023 17:18	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.42	mg/L	1	08/11/2023 15:13	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	8		47	mg/L	2	08/16/2023 17:14	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		184	mg/L	1	08/07/2023 18:00	210441
Magnesium	NELAP	0.0055	0.0500		82.3	mg/L	1	08/07/2023 18:00	210441
Potassium	NELAP	0.0400	0.100		4.05	mg/L	1	08/07/2023 18:00	210441
Sodium	NELAP	0.0180	0.0500		56.9	mg/L	1	08/08/2023 19:14	210441
<i>Sample result(s) for 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	08/08/2023 17:21	210441
Arsenic	NELAP	0.0004	0.0010	J	0.0004	mg/L	5	09/14/2023 12:01	210441
Barium	NELAP	0.0007	0.0010		0.0348	mg/L	5	09/15/2023 13:22	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 12:01	210441
Boron	NELAP	0.0092	0.0250		1.63	mg/L	5	09/14/2023 12:01	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 12:01	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 12:01	210441
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	08/08/2023 17:21	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 12:01	210441
Lithium	*	0.0015	0.0030		0.0115	mg/L	5	08/08/2023 17:21	210441
Molybdenum	*	0.0006	0.0015		0.0022	mg/L	5	09/14/2023 12:01	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 17:21	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 17:21	210441





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-020  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-366  
Collection Date: 08/04/2023 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:19	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-023  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-375  
Collection Date: 08/07/2023 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		33.56	ft	1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		4.2	NTU	1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		160	mV	1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1410	µS/cm	1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.8	°C	1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.66	mg/L	1	08/07/2023 10:19	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		6.98		1	08/07/2023 10:19	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		605	mg/L	1	08/08/2023 16:42	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 16:42	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		926	mg/L	1	08/10/2023 10:24	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		104	mg/L	10	08/16/2023 17:50	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		2.42	mg/L	1	08/14/2023 11:29	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		90	mg/L	10	08/16/2023 17:51	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		9.80	mg/L	1	08/14/2023 13:09	210625
Magnesium	NELAP	0.0055	0.0500		5.52	mg/L	1	08/11/2023 17:39	210625
Potassium	NELAP	0.0400	0.100		2.74	mg/L	1	08/11/2023 17:39	210625
Sodium	NELAP	0.0180	0.0500		383	mg/L	1	08/11/2023 17:39	210625
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/11/2023 17:18	210625
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	09/15/2023 18:20	210625
Barium	NELAP	0.0007	0.0010		0.0338	mg/L	5	09/15/2023 2:30	210625
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:30	210625
Boron	NELAP	0.0092	0.0250		1.78	mg/L	5	09/15/2023 2:30	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:30	210625
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/15/2023 18:20	210625
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	08/11/2023 17:18	210625
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/15/2023 2:30	210625
Lithium	*	0.0015	0.0030		0.0722	mg/L	5	08/11/2023 17:18	210625
Molybdenum	*	0.0006	0.0015		0.0373	mg/L	5	09/15/2023 2:30	210625
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 17:18	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 17:18	210625



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-023  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-375  
**Collection Date:** 08/07/2023 10:19

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	08/11/2023 14:55	210704



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605  
<http://www.teklabinc.com/>

Client: Ramboll  
 Client Project: BAL-23Q3  
 Lab ID: 23071339-024  
 Matrix: GROUNDWATER

Work Order: 23071339  
 Report Date: 11-Oct-23  
 Client Sample ID: MW-377  
 Collection Date: 08/07/2023 9:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		6.17	ft	1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		6.6	NTU	1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		142	mV	1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2130	µS/cm	1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		15.4	°C	1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.71	mg/L	1	08/07/2023 9:57	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.56		1	08/07/2023 9:57	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		427	mg/L	1	08/08/2023 16:49	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	08/08/2023 16:49	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		646	mg/L	1	08/10/2023 10:24	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		37	mg/L	1	08/17/2023 14:27	R335217
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.24	mg/L	1	08/14/2023 11:31	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		102	mg/L	5	08/16/2023 17:59	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		52.8	mg/L	1	08/14/2023 13:10	210625
Magnesium	NELAP	0.0055	0.0500		35.9	mg/L	1	08/11/2023 17:43	210625
Potassium	NELAP	0.0400	0.100		3.44	mg/L	1	08/11/2023 17:43	210625
Sodium	NELAP	0.0180	0.0500		131	mg/L	1	08/11/2023 17:43	210625
<b>SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/11/2023 17:24	210625
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/15/2023 18:25	210625
Barium	NELAP	0.0007	0.0010		0.0636	mg/L	5	09/15/2023 2:36	210625
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:36	210625
Boron	NELAP	0.0092	0.0250		1.65	mg/L	5	09/15/2023 2:36	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:36	210625
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/15/2023 18:25	210625
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/11/2023 17:24	210625
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/15/2023 2:36	210625
Lithium	*	0.0015	0.0030		0.0601	mg/L	5	08/11/2023 17:24	210625
Molybdenum	*	0.0006	0.0015		< 0.0015	mg/L	5	09/15/2023 2:36	210625
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 17:24	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 17:24	210625



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-024  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-377  
Collection Date: 08/07/2023 9:57

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	08/11/2023 14:57	210704



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-026  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-383  
Collection Date: 08/03/2023 14:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		19.92	ft	1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		4.9	NTU	1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		29	mV	1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		1880	µS/cm	1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		19.1	°C	1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.61	mg/L	1	08/03/2023 14:13	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.56		1	08/03/2023 14:13	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		571	mg/L	1	08/07/2023 11:13	R334643
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/07/2023 11:13	R334643
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		882	mg/L	1	08/07/2023 10:14	R334716
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	61	100		157	mg/L	10	08/16/2023 18:20	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.72	mg/L	1	08/07/2023 11:25	R334632
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		43	mg/L	1	08/16/2023 18:15	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		17.3	mg/L	1	08/07/2023 18:06	210441
Magnesium	NELAP	0.0055	0.0500		6.72	mg/L	1	08/07/2023 18:06	210441
Potassium	NELAP	0.0400	0.100		2.18	mg/L	1	08/07/2023 18:06	210441
Sodium	NELAP	0.0180	0.0500		349	mg/L	1	08/08/2023 19:29	210441
<i>Sample result(s) for 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	08/08/2023 17:43	210441
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	09/14/2023 13:01	210441
Barium	NELAP	0.0007	0.0010		0.0427	mg/L	5	09/14/2023 13:01	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 13:27	210441
Boron	NELAP	0.0092	0.0250		1.33	mg/L	5	09/14/2023 13:01	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 13:01	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 13:01	210441
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	08/08/2023 17:43	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 13:01	210441
Lithium	*	0.0015	0.0030		0.0355	mg/L	5	08/08/2023 17:43	210441
Molybdenum	*	0.0006	0.0015		0.0125	mg/L	5	09/15/2023 13:27	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 17:43	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 17:43	210441





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-026  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-383  
Collection Date: 08/03/2023 14:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:33	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-027  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-384  
Collection Date: 08/03/2023 14:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		15.10	ft	1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		7.0	NTU	1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		54	mV	1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		3560	µS/cm	1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.5	°C	1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.70	mg/L	1	08/03/2023 14:38	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		8.09		1	08/03/2023 14:38	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		634	mg/L	1	08/07/2023 11:21	R334643
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		16	mg/L	1	08/07/2023 11:21	R334643
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1570	mg/L	1	08/07/2023 10:14	R334716
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		32	mg/L	1	08/17/2023 14:48	R335217
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		4.54	mg/L	1	08/07/2023 11:27	R334632
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	10	80		508	mg/L	20	08/16/2023 18:42	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		5.32	mg/L	1	08/07/2023 18:08	210441
Magnesium	NELAP	0.0055	0.0500		2.37	mg/L	1	08/07/2023 18:08	210441
Potassium	NELAP	0.0400	0.100		1.90	mg/L	1	08/07/2023 18:08	210441
Sodium	NELAP	0.0180	0.0500	S	695	mg/L	1	08/08/2023 19:31	210441
<i>Sample result(s) for Si exceed 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	08/08/2023 17:54	210441
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/14/2023 13:28	210441
Barium	NELAP	0.0007	0.0010		0.0287	mg/L	5	09/14/2023 13:28	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 13:38	210441
Boron	NELAP	0.0092	0.0250		1.47	mg/L	5	09/14/2023 13:28	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 13:28	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 13:28	210441
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 17:54	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 13:28	210441
Lithium	*	0.0015	0.0030		0.0425	mg/L	5	08/08/2023 17:54	210441
Molybdenum	*	0.0006	0.0015		0.0138	mg/L	5	09/15/2023 13:38	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 17:54	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 17:54	210441



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-027  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-384  
**Collection Date:** 08/03/2023 14:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:40	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-028  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-390  
Collection Date: 08/04/2023 9:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		8.89	ft	1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		21	NTU	1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		73	mV	1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		2170	µS/cm	1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		17.3	°C	1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.59	mg/L	1	08/04/2023 9:17	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.17		1	08/04/2023 9:17	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		426	mg/L	1	08/08/2023 12:43	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:43	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		740	mg/L	1	08/08/2023 10:35	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		133	mg/L	5	08/16/2023 18:44	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		0.95	mg/L	1	08/11/2023 15:15	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		74	mg/L	5	08/16/2023 18:44	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		58.4	mg/L	1	08/07/2023 18:22	210441
Magnesium	NELAP	0.0055	0.0500		32.2	mg/L	1	08/07/2023 18:22	210441
Potassium	NELAP	0.0400	0.100		3.70	mg/L	1	08/07/2023 18:22	210441
Sodium	NELAP	0.0180	0.0500		178	mg/L	1	08/08/2023 19:36	210441
<i>Sample result(s) for 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	08/08/2023 17:48	210441
Arsenic	NELAP	0.0004	0.0010		0.0010	mg/L	5	09/14/2023 13:06	210441
Barium	NELAP	0.0007	0.0010		0.0225	mg/L	5	09/14/2023 13:06	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 13:32	210441
Boron	NELAP	0.0092	0.0250		1.42	mg/L	5	09/14/2023 13:06	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 13:06	210441
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 13:06	210441
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	08/08/2023 17:48	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 13:06	210441
Lithium	*	0.0015	0.0030		0.0405	mg/L	5	08/08/2023 17:48	210441
Molybdenum	*	0.0006	0.0015		0.0031	mg/L	5	09/15/2023 13:32	210441
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/08/2023 17:48	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 17:48	210441



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-028  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-390  
**Collection Date:** 08/04/2023 9:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:42	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-029  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-391  
Collection Date: 08/04/2023 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		65.43	ft	1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		7.6	NTU	1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		122	mV	1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		4050	µS/cm	1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.4	°C	1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		1.00	mg/L	1	08/04/2023 10:20	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.83		1	08/04/2023 10:20	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		743	mg/L	1	08/08/2023 12:51	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		0	mg/L	1	08/08/2023 12:51	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		2090	mg/L	1	08/08/2023 10:35	R334762
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	123	200		489	mg/L	20	08/16/2023 18:57	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		3.24	mg/L	1	08/11/2023 15:17	R334891
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	5	40		174	mg/L	10	08/16/2023 18:52	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		15.0	mg/L	1	08/07/2023 18:23	210441
Magnesium	NELAP	0.0055	0.0500		6.64	mg/L	1	08/07/2023 18:23	210441
Potassium	NELAP	0.0400	0.100		3.66	mg/L	1	08/07/2023 18:23	210441
Sodium	NELAP	0.0180	0.0500		791	mg/L	1	08/08/2023 19:37	210441
<i>Sample result(s) for 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		0.0015	mg/L	5	08/11/2023 14:21	210441
Arsenic	NELAP	0.0004	0.0010		0.0022	mg/L	5	09/14/2023 13:12	210441
Barium	NELAP	0.0007	0.0010		0.0234	mg/L	5	09/14/2023 13:12	210441
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 14:16	210441
Boron	NELAP	0.0092	0.0250		2.38	mg/L	5	09/14/2023 13:12	210441
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 13:12	210441
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	09/14/2023 13:12	210441
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	08/08/2023 18:50	210441
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 13:12	210441
Lithium	*	0.0015	0.0030		0.0887	mg/L	5	08/08/2023 18:50	210441
Molybdenum	*	0.0006	0.0015		0.0612	mg/L	5	09/15/2023 14:16	210441
Selenium	NELAP	0.0006	0.0010		0.0037	mg/L	5	08/11/2023 14:21	210441
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 18:50	210441





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-029  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-391  
**Collection Date:** 08/04/2023 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00012	0.00020		< 0.00020	mg/L	1	08/07/2023 13:44	210448



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-043  
Matrix: AQUEOUS

Work Order: 23071339  
Report Date: 11-Oct-23

Client Sample ID: Field Blank

Collection Date: 08/07/2023 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		1	mg/L	1	08/08/2023 17:04	R334790
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	08/08/2023 17:04	R334790
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	08/10/2023 10:25	R334903
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	6	10		< 10	mg/L	1	08/16/2023 20:53	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	08/14/2023 11:35	R334963
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	1	4		< 4	mg/L	1	08/16/2023 20:55	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0700	0.100		< 0.100	mg/L	1	08/14/2023 13:11	210625
Magnesium	NELAP	0.0055	0.0500		< 0.0500	mg/L	1	08/11/2023 17:45	210625
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	08/11/2023 17:45	210625
Sodium	NELAP	0.018	0.050	J	0.023	mg/L	1	08/11/2023 17:45	210625
<b>SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)</b>									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/11/2023 17:58	210625
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/15/2023 18:36	210625
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	09/15/2023 2:47	210625
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:47	210625
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	09/15/2023 2:47	210625
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 2:47	210625
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/15/2023 18:36	210625
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/11/2023 17:58	210625
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/15/2023 2:47	210625
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/11/2023 17:58	210625
Molybdenum	*	0.0006	0.0015		< 0.0015	mg/L	5	09/15/2023 2:47	210625
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 17:58	210625
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/11/2023 17:58	210625
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/11/2023 15:02	210704



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3  
Lab ID: 23071339-044  
Matrix: GROUNDWATER

Work Order: 23071339  
Report Date: 11-Oct-23  
Client Sample ID: MW-304 Duplicate  
Collection Date: 08/03/2023 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>FIELD ELEVATION MEASUREMENTS</b>									
Depth to water from measuring point	*	0	0		9.84	ft	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2130 B FIELD</b>									
Turbidity	*	1.0	1.0		2.8	NTU	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 18TH ED. 2580 B FIELD</b>									
Oxidation-Reduction Potential	*	-300	-300		78	mV	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2510 B FIELD</b>									
Spec. Conductance, Field	*	0	0		3000	µS/cm	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2550 B FIELD</b>									
Temperature	*	0	0		16.2	°C	1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 4500-O G FIELD</b>									
Oxygen, Dissolved	*	0	0		0.69	mg/L	1	08/03/2023 15:10	R335092
<b>SW-846 9040B FIELD</b>									
pH	*	0	1.00		7.92		1	08/03/2023 15:10	R335092
<b>STANDARD METHODS 2320 B (TOTAL) 1997, 2011</b>									
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	NELAP	0	0		809	mg/L	1	08/07/2023 12:24	R334643
<b>STANDARD METHODS 2320 B 1997, 2011</b>									
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	NELAP	0	0		18	mg/L	1	08/07/2023 12:24	R334643
<b>STANDARD METHODS 2540 C (TOTAL) 1997, 2011</b>									
Total Dissolved Solids	NELAP	16	20		1390	mg/L	1	08/07/2023 10:36	R334716
<b>SW-846 9036 (TOTAL)</b>									
Sulfate	NELAP	31	50		213	mg/L	5	08/16/2023 21:02	R335139
<b>SW-846 9214 (TOTAL)</b>									
Fluoride	NELAP	0.04	0.10		1.69	mg/L	1	08/07/2023 11:50	R334632
<b>SW-846 9251 (TOTAL)</b>									
Chloride	NELAP	2	20		172	mg/L	5	08/16/2023 21:03	R335175
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Calcium	NELAP	0.0350	0.100		10.9	mg/L	1	08/07/2023 18:55	210442
Magnesium	NELAP	0.0055	0.0500		4.64	mg/L	1	08/07/2023 18:55	210442
Potassium	NELAP	0.0400	0.100		2.32	mg/L	1	08/07/2023 18:55	210442
Sodium	NELAP	0.0180	0.0500		580	mg/L	1	08/07/2023 18:55	210442
<i>Sample result(s) for 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	08/11/2023 15:47	210442
Arsenic	NELAP	0.0004	0.0010		0.0030	mg/L	5	09/14/2023 15:27	210442
Barium	NELAP	0.0007	0.0010		0.0205	mg/L	5	09/14/2023 15:27	210442
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/15/2023 15:48	210442
Boron	NELAP	0.0092	0.0250		1.55	mg/L	5	09/14/2023 15:27	210442
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	09/14/2023 15:27	210442
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/14/2023 15:27	210442
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/08/2023 18:55	210442
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/14/2023 15:27	210442
Lithium	*	0.0015	0.0030		0.0758	mg/L	5	08/08/2023 18:55	210442
Molybdenum	*	0.0006	0.0015	J	0.0011	mg/L	5	09/15/2023 15:48	210442
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/11/2023 15:47	210442
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/08/2023 18:55	210442



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071339-044  
**Matrix:** GROUNDWATER

**Work Order:** 23071339  
**Report Date:** 11-Oct-23  
**Client Sample ID:** MW-304 Duplicate  
**Collection Date:** 08/03/2023 15:10

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	08/07/2023 15:45	210449
<i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									



## Sample Summary

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071339  
**Report Date:** 11-Oct-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23071339-003	MW-150	Groundwater	6	08/07/2023 11:25
23071339-004	MW-151	Groundwater	6	08/07/2023 10:57
23071339-005	MW-152	Groundwater	6	08/04/2023 13:39
23071339-006	MW-153	Groundwater	6	08/04/2023 11:48
23071339-011	MW-252	Groundwater	6	08/04/2023 14:12
23071339-012	MW-253	Groundwater	6	08/04/2023 12:07
23071339-013	MW-304	Groundwater	6	08/03/2023 15:10
23071339-014	MW-306	Groundwater	6	08/04/2023 11:10
23071339-015	MW-350	Groundwater	6	08/07/2023 11:48
23071339-016	MW-352	Groundwater	6	08/04/2023 12:57
23071339-020	MW-366	Groundwater	6	08/04/2023 9:54
23071339-023	MW-375	Groundwater	6	08/07/2023 10:19
23071339-024	MW-377	Groundwater	6	08/07/2023 9:57
23071339-026	MW-383	Groundwater	6	08/03/2023 14:13
23071339-027	MW-384	Groundwater	6	08/03/2023 14:38
23071339-028	MW-390	Groundwater	6	08/04/2023 9:17
23071339-029	MW-391	Groundwater	6	08/04/2023 10:20
23071339-043	Field Blank	Aqueous	6	08/07/2023 13:30
23071339-044	MW-304 Duplicate	Groundwater	6	08/03/2023 15:10



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-003A	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	Ferrous Iron by CHEMets Kit				08/07/2023 11:25
	Field Elevation Measurements				08/07/2023 11:25
	Standard Methods 2130 B Field				08/07/2023 11:25
	Standard Methods 18th Ed. 2580 B Field				08/07/2023 11:25
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 16:10
	Standard Methods 2320 B 1997, 2011				08/08/2023 16:10
	Standard Methods 2510 B Field				08/07/2023 11:25
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 9:49
	Standard Methods 2550 B Field				08/07/2023 11:25
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/14/2023 17:35
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/14/2023 17:35
	Standard Methods 4500-O G Field				08/07/2023 11:25
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:01
	SW-846 9036 (Total)				08/16/2023 14:28
	SW-846 9040B Field				08/07/2023 11:25
	SW-846 9214 (Total)				08/14/2023 11:22
	SW-846 9251 (Total)				08/16/2023 0:08
23071339-003B	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:14
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:14
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:56
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:24
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:24
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:01
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/11/2023 21:12
	SW-846 9251 (Dissolved)				08/11/2023 21:07
23071339-003C	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:33
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 12:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 16:55
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 1:25
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 16:15
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 14:35





## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-003D	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/11/2023 17:07
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:13
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/14/2023 23:42
23071339-003E	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	SW-846 9060A				08/26/2023 21:05
23071339-003F	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	SW-846 9060A				08/15/2023 0:15
23071339-004A	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	Ferrous Iron by CHEMets Kit				08/07/2023 10:57
	Field Elevation Measurements				08/07/2023 10:57
	Standard Methods 2130 B Field				08/07/2023 10:57
	Standard Methods 18th Ed. 2580 B Field				08/07/2023 10:57
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 16:17
	Standard Methods 2320 B 1997, 2011				08/08/2023 16:17
	Standard Methods 2510 B Field				08/07/2023 10:57
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 9:50
	Standard Methods 2550 B Field				08/07/2023 10:57
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:36
	Standard Methods 4500-O G Field				08/07/2023 10:57
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:03
	SW-846 9036 (Total)				08/16/2023 0:49
	SW-846 9040B Field				08/07/2023 10:57
	SW-846 9214 (Total)				08/14/2023 11:23
	SW-846 9251 (Total)				08/16/2023 0:45
23071339-004B	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:21
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:21
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:28
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:26
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:26
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:03
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/11/2023 21:19



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9251 (Dissolved)				08/11/2023 21:15
23071339-004C	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:34
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 12:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 17:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 1:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 16:20
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 14:37
23071339-004D	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/11/2023 17:08
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:13
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/14/2023 23:47
23071339-004E	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	SW-846 9060A				08/26/2023 21:11
23071339-004F	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	SW-846 9060A				08/15/2023 0:22
23071339-005A	MW-152	08/04/2023 13:39	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 13:39
	Field Elevation Measurements				08/04/2023 13:39
	Standard Methods 2130 B Field				08/04/2023 13:39
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 13:39
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 11:41
	Standard Methods 2320 B 1997, 2011				08/08/2023 11:41
	Standard Methods 2510 B Field				08/04/2023 13:39
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 9:31
	Standard Methods 2550 B Field				08/04/2023 13:39
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:19
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 13:39
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 17:59
	SW-846 9036 (Total)				08/17/2023 13:34
	SW-846 9040B Field				08/04/2023 13:39
	SW-846 9214 (Total)				08/11/2023 14:49
	SW-846 9251 (Total)				08/16/2023 0:56
23071339-005B	MW-152	08/04/2023 13:39	08/04/2023 15:43		



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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				08/08/2023 13:06
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:06
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:29
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:18
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:25
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 21:27
	SW-846 9251 (Dissolved)				08/11/2023 21:23
23071339-005C	MW-152	08/04/2023 13:39	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:23
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 13:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 15:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 10:34
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 12:48
23071339-005D	MW-152	08/04/2023 13:39	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 13:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 15:38
23071339-005E	MW-152	08/04/2023 13:39	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 21:17
23071339-005F	MW-152	08/04/2023 13:39	08/04/2023 15:43		
	SW-846 9060A				08/15/2023 0:28
23071339-006A	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 11:48
	Field Elevation Measurements				08/04/2023 11:48
	Standard Methods 2130 B Field				08/04/2023 11:48
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 11:48
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 11:48
	Standard Methods 2320 B 1997, 2011				08/08/2023 11:48
	Standard Methods 2510 B Field				08/04/2023 11:48
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 9:32
	Standard Methods 2550 B Field				08/04/2023 11:48
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:28
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 11:48
	Standard Methods 4500-P E 1999				08/04/2023 18:07



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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				08/04/2023 17:59
	SW-846 9036 (Total)				08/16/2023 1:30
	SW-846 9040B Field				08/04/2023 11:48
	SW-846 9214 (Total)				08/11/2023 14:52
	SW-846 9251 (Total)				08/16/2023 1:30
23071339-006B	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:15
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:15
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 20:21
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:20
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:26
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 21:33
	SW-846 9251 (Dissolved)				08/11/2023 21:34
23071339-006C	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:24
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 13:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 15:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 10:40
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 12:50
23071339-006D	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 13:34
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 15:44
23071339-006E	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 21:23
23071339-006F	MW-153	08/04/2023 11:48	08/04/2023 15:43		
	SW-846 9060A				08/15/2023 2:03
23071339-011A	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 14:12
	Field Elevation Measurements				08/04/2023 14:12
	Standard Methods 2130 B Field				08/04/2023 14:12
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 14:12
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:07
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:07
	Standard Methods 2510 B Field				08/04/2023 14:12
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:00



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	Standard Methods 2550 B Field				08/04/2023 14:12
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:38
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 14:12
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:01
	SW-846 9036 (Total)				08/16/2023 2:12
	SW-846 9040B Field				08/04/2023 14:12
	SW-846 9214 (Total)				08/11/2023 15:04
	SW-846 9251 (Total)				08/16/2023 1:54
23071339-011B	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:28
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:28
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:26
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:27
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 22:53
	SW-846 9251 (Dissolved)				08/11/2023 22:48
23071339-011C	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:41
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:04
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/10/2023 10:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 15:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 11:29
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:01
23071339-011D	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 13:39
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 16:00
23071339-011E	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 22:11
23071339-011F	MW-252	08/04/2023 14:12	08/04/2023 15:43		
	SW-846 9060A				08/24/2023 21:12
23071339-012A	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 12:07



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	<b>Test Name</b>				
	Field Elevation Measurements				08/04/2023 12:07
	Standard Methods 2130 B Field				08/04/2023 12:07
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 12:07
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:15
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:15
	Standard Methods 2510 B Field				08/04/2023 12:07
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:00
	Standard Methods 2550 B Field				08/04/2023 12:07
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:38
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:37
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 12:07
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:02
	SW-846 9036 (Total)				08/16/2023 2:20
	SW-846 9040B Field				08/04/2023 12:07
	SW-846 9214 (Total)				08/11/2023 15:07
	SW-846 9251 (Total)				08/16/2023 2:16
23071339-012B	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:35
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:35
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:29
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:28
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 23:01
	SW-846 9251 (Dissolved)				08/11/2023 22:56
23071339-012C	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:43
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 16:14
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 11:34
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:08
23071339-012D	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 13:57
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 16:43





## Dates Report

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
23071339-012E	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 22:17
23071339-012F	MW-253	08/04/2023 12:07	08/04/2023 15:43		
	SW-846 9060A				08/19/2023 1:58
23071339-013A	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	Ferrous Iron by CHEMets Kit				08/03/2023 15:10
	Field Elevation Measurements				08/03/2023 15:10
	Standard Methods 2130 B Field				08/03/2023 15:10
	Standard Methods 18th Ed. 2580 B Field				08/03/2023 15:10
	Standard Methods 2320 B (Total) 1997, 2011				08/07/2023 10:26
	Standard Methods 2320 B 1997, 2011				08/07/2023 10:26
	Standard Methods 2510 B Field				08/03/2023 15:10
	Standard Methods 2540 C (Total) 1997, 2011				08/07/2023 9:50
	Standard Methods 2550 B Field				08/03/2023 15:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 14:38
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 16:26
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/03/2023 15:10
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 11:47
	SW-846 9036 (Total)				08/16/2023 15:26
	SW-846 9040B Field				08/03/2023 15:10
	SW-846 9214 (Total)				08/07/2023 11:17
	SW-846 9251 (Total)				08/16/2023 15:27
23071339-013B	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 8:25
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 8:25
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 14:30
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 15:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 11:47
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 23:03
	SW-846 9251 (Dissolved)				08/11/2023 23:04
23071339-013C	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:45
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:07



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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)			08/05/2023 9:00	08/08/2023 16:19
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 11:40
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:10
23071339-013D	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 13:58
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 16:49
23071339-013E	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 9060A				08/26/2023 22:23
23071339-013F	MW-304	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 9060A				08/19/2023 2:04
23071339-014A	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 11:10
	Field Elevation Measurements				08/04/2023 11:10
	Standard Methods 2130 B Field				08/04/2023 11:10
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 11:10
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:22
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:22
	Standard Methods 2510 B Field				08/04/2023 11:10
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:00
	Standard Methods 2550 B Field				08/04/2023 11:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 11:10
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:02
	SW-846 9036 (Total)				08/16/2023 15:37
	SW-846 9040B Field				08/04/2023 11:10
	SW-846 9214 (Total)				08/11/2023 15:09
	SW-846 9251 (Total)				08/18/2023 1:01
23071339-014B	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:43
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:43
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:31
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:29



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/11/2023 23:12
	SW-846 9251 (Dissolved)				08/11/2023 23:18
23071339-014C	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:46
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 16:25
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 11:45
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:13
23071339-014D	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:00
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 16:54
23071339-014E	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 22:29
23071339-014F	MW-306	08/04/2023 11:10	08/04/2023 15:43		
	SW-846 9060A				08/19/2023 2:11
23071339-015A	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	Ferrous Iron by CHEMets Kit				08/07/2023 11:48
	Field Elevation Measurements				08/07/2023 11:48
	Standard Methods 2130 B Field				08/07/2023 11:48
	Standard Methods 18th Ed. 2580 B Field				08/07/2023 11:48
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 16:24
	Standard Methods 2320 B 1997, 2011				08/08/2023 16:24
	Standard Methods 2510 B Field				08/07/2023 11:48
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 9:50
	Standard Methods 2550 B Field				08/07/2023 11:48
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:35
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:39
	Standard Methods 4500-O G Field				08/07/2023 11:48
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:04
	SW-846 9036 (Total)				08/16/2023 16:11
	SW-846 9040B Field				08/07/2023 11:48
	SW-846 9214 (Total)				08/14/2023 11:27
	SW-846 9251 (Total)				08/16/2023 16:12
23071339-015B	MW-350	08/07/2023 11:48	08/07/2023 16:08		



## Dates Report

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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				08/08/2023 15:27
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:29
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:14
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:14
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:05
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/11/2023 23:19
	SW-846 9251 (Dissolved)				08/11/2023 23:20
23071339-015C	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:37
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 12:48
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 17:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 1:36
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 16:26
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 14:39
23071339-015D	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/11/2023 17:09
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:15
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/14/2023 23:58
23071339-015E	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	SW-846 9060A				08/26/2023 22:35
23071339-015F	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	SW-846 9060A				08/19/2023 2:18
23071339-016A	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 12:57
	Field Elevation Measurements				08/04/2023 12:57
	Standard Methods 2130 B Field				08/04/2023 12:57
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 12:57
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:30
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:30
	Standard Methods 2510 B Field				08/04/2023 12:57
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:01
	Standard Methods 2550 B Field				08/04/2023 12:57
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:41
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	<b>Test Name</b>				
	Standard Methods 4500-O G Field				08/04/2023 12:57
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:03
	SW-846 9036 (Total)				08/21/2023 12:06
	SW-846 9040B Field				08/04/2023 12:57
	SW-846 9214 (Total)				08/11/2023 15:11
	SW-846 9251 (Total)				08/16/2023 16:26
23071339-016B	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:51
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 13:51
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:46
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:30
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/16/2023 12:54
	SW-846 9251 (Dissolved)				08/11/2023 23:47
23071339-016C	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 17:48
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:11
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 16:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 11:50
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:15
23071339-016D	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:01
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 16:59
23071339-016E	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	SW-846 9060A				08/26/2023 23:53
23071339-016F	MW-352	08/04/2023 12:57	08/04/2023 15:43		
	SW-846 9060A				08/19/2023 2:55
23071339-020A	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 9:54
	Field Elevation Measurements				08/04/2023 9:54
	Standard Methods 2130 B Field				08/04/2023 9:54
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 9:54
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:36
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:36



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2510 B Field				08/04/2023 9:54
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:01
	Standard Methods 2550 B Field				08/04/2023 9:54
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:57
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 9:54
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:03
	SW-846 9036 (Total)				08/16/2023 17:18
	SW-846 9040B Field				08/04/2023 9:54
	SW-846 9214 (Total)				08/11/2023 15:13
	SW-846 9251 (Total)				08/16/2023 17:14
23071339-020B	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/11/2023 16:07
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/11/2023 16:07
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:48
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:29
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/12/2023 0:48
	SW-846 9251 (Dissolved)				08/12/2023 0:43
23071339-020C	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 18:00
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:14
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 17:21
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 12:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/15/2023 13:22
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:19
23071339-020D	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:05
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 17:05
23071339-020E	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	SW-846 9060A				08/27/2023 0:17
23071339-020F	MW-366	08/04/2023 9:54	08/04/2023 15:43		
	SW-846 9060A				08/19/2023 3:46





## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-023A	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	Ferrous Iron by CHEMets Kit				08/07/2023 10:19
	Field Elevation Measurements				08/07/2023 10:19
	Standard Methods 2130 B Field				08/07/2023 10:19
	Standard Methods 18th Ed. 2580 B Field				08/07/2023 10:19
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 16:42
	Standard Methods 2320 B 1997, 2011				08/08/2023 16:42
	Standard Methods 2510 B Field				08/07/2023 10:19
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 10:24
	Standard Methods 2550 B Field				08/07/2023 10:19
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:47
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:47
	Standard Methods 4500-O G Field				08/07/2023 10:19
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:06
	SW-846 9036 (Total)				08/16/2023 17:50
	SW-846 9040B Field				08/07/2023 10:19
	SW-846 9214 (Total)				08/14/2023 11:29
	SW-846 9251 (Total)				08/16/2023 17:51
23071339-023B	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:45
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:45
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:30
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:18
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:18
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:06
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/12/2023 1:06
	SW-846 9251 (Dissolved)				08/12/2023 1:07
23071339-023C	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:39
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 13:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 17:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 2:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 18:20
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 14:55



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-023D	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/11/2023 17:11
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:29
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/15/2023 0:09
23071339-023E	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	SW-846 9060A				08/28/2023 16:26
23071339-023F	MW-375	08/07/2023 10:19	08/07/2023 16:08		
	SW-846 9060A				08/24/2023 21:56
23071339-024A	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	Ferrous Iron by CHEMets Kit				08/07/2023 9:57
	Field Elevation Measurements				08/07/2023 9:57
	Standard Methods 2130 B Field				08/07/2023 9:57
	Standard Methods 18th Ed. 2580 B Field				08/07/2023 9:57
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 16:49
	Standard Methods 2320 B 1997, 2011				08/08/2023 16:49
	Standard Methods 2510 B Field				08/07/2023 9:57
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 10:24
	Standard Methods 2550 B Field				08/07/2023 9:57
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:37
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:50
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/08/2023 13:50
	Standard Methods 4500-O G Field				08/07/2023 9:57
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:08
	SW-846 9036 (Total)				08/17/2023 14:27
	SW-846 9040B Field				08/07/2023 9:57
	SW-846 9214 (Total)				08/14/2023 11:31
	SW-846 9251 (Total)				08/16/2023 17:59
23071339-024B	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:53
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 15:53
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:30
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:20
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/08/2023 14:20
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:08
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/12/2023 2:10



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9251 (Dissolved)				08/12/2023 2:11
23071339-024C	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:43
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 13:10
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 17:24
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 2:36
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 18:25
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 14:57
23071339-024D	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/11/2023 17:17
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:29
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/15/2023 0:14
23071339-024E	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	SW-846 9060A				08/27/2023 0:35
23071339-024F	MW-377	08/07/2023 9:57	08/07/2023 16:08		
	SW-846 9060A				08/24/2023 22:04
23071339-026A	MW-383	08/03/2023 14:13	08/03/2023 17:50		
	Ferrous Iron by CHEMets Kit				08/03/2023 14:13
	Field Elevation Measurements				08/03/2023 14:13
	Standard Methods 2130 B Field				08/03/2023 14:13
	Standard Methods 18th Ed. 2580 B Field				08/03/2023 14:13
	Standard Methods 2320 B (Total) 1997, 2011				08/07/2023 11:13
	Standard Methods 2320 B 1997, 2011				08/07/2023 11:13
	Standard Methods 2510 B Field				08/03/2023 14:13
	Standard Methods 2540 C (Total) 1997, 2011				08/07/2023 10:14
	Standard Methods 2550 B Field				08/03/2023 14:13
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 14:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 16:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/03/2023 14:13
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 11:59
	SW-846 9036 (Total)				08/16/2023 18:20
	SW-846 9040B Field				08/03/2023 14:13
	SW-846 9214 (Total)				08/07/2023 11:25
	SW-846 9251 (Total)				08/16/2023 18:15
23071339-026B	MW-383	08/03/2023 14:13	08/03/2023 17:50		



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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				08/07/2023 9:04
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 9:04
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 14:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 15:51
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 12:00
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/12/2023 2:32
	SW-846 9251 (Dissolved)				08/12/2023 2:27
23071339-026C	MW-383	08/03/2023 14:13	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 18:06
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:29
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 17:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 13:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/15/2023 13:27
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:33
23071339-026D	MW-383	08/03/2023 14:13	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:09
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 18:32
23071339-026E	MW-383	08/03/2023 14:13	08/03/2023 17:50		
	SW-846 9060A				08/27/2023 0:47
23071339-026F	MW-383	08/03/2023 14:13	08/03/2023 17:50		
	SW-846 9060A				08/24/2023 22:47
23071339-027A	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	Ferrous Iron by CHEMets Kit				08/03/2023 14:38
	Field Elevation Measurements				08/03/2023 14:38
	Standard Methods 2130 B Field				08/03/2023 14:38
	Standard Methods 18th Ed. 2580 B Field				08/03/2023 14:38
	Standard Methods 2320 B (Total) 1997, 2011				08/07/2023 11:21
	Standard Methods 2320 B 1997, 2011				08/07/2023 11:21
	Standard Methods 2510 B Field				08/03/2023 14:38
	Standard Methods 2540 C (Total) 1997, 2011				08/07/2023 10:14
	Standard Methods 2550 B Field				08/03/2023 14:38
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 14:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 16:50
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/03/2023 14:38



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 12:33
	SW-846 9036 (Total)				08/17/2023 14:48
	SW-846 9040B Field				08/03/2023 14:38
	SW-846 9214 (Total)				08/07/2023 11:27
	SW-846 9251 (Total)				08/16/2023 18:42
23071339-027B	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 9:12
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 9:12
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 14:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 15:53
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 12:34
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/12/2023 2:34
	SW-846 9251 (Dissolved)				08/12/2023 2:40
23071339-027C	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 18:08
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 17:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 13:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/15/2023 13:38
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:40
23071339-027D	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:30
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 18:37
23071339-027E	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	SW-846 9060A				08/27/2023 1:23
23071339-027F	MW-384	08/03/2023 14:38	08/03/2023 17:50		
	SW-846 9060A				08/24/2023 23:25
23071339-028A	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 9:17
	Field Elevation Measurements				08/04/2023 9:17
	Standard Methods 2130 B Field				08/04/2023 9:17
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 9:17
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:43
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:43



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	<b>Test Name</b>				
	Standard Methods 2510 B Field				08/04/2023 9:17
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:35
	Standard Methods 2550 B Field				08/04/2023 9:17
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 20:59
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 9:17
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 18:04
	SW-846 9036 (Total)				08/16/2023 18:44
	SW-846 9040B Field				08/04/2023 9:17
	SW-846 9214 (Total)				08/11/2023 15:15
	SW-846 9251 (Total)				08/16/2023 18:44
23071339-028B	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 14:12
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 14:12
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:51
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 17:31
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/12/2023 2:41
	SW-846 9251 (Dissolved)				08/12/2023 2:43
23071339-028C	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 18:22
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:36
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 17:48
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 13:06
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/15/2023 13:32
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:42
23071339-028D	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:32
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/14/2023 18:43
23071339-028E	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	SW-846 9060A				08/27/2023 1:29
23071339-028F	MW-390	08/04/2023 9:17	08/04/2023 15:43		
	SW-846 9060A				08/24/2023 23:32





## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-029A	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	Ferrous Iron by CHEMets Kit				08/04/2023 10:20
	Field Elevation Measurements				08/04/2023 10:20
	Standard Methods 2130 B Field				08/04/2023 10:20
	Standard Methods 18th Ed. 2580 B Field				08/04/2023 10:20
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 12:51
	Standard Methods 2320 B 1997, 2011				08/08/2023 12:51
	Standard Methods 2510 B Field				08/04/2023 10:20
	Standard Methods 2540 C (Total) 1997, 2011				08/08/2023 10:35
	Standard Methods 2550 B Field				08/04/2023 10:20
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 19:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/04/2023 10:20
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:29
	SW-846 9036 (Total)				08/16/2023 18:57
	SW-846 9040B Field				08/04/2023 10:20
	SW-846 9214 (Total)				08/11/2023 15:17
	SW-846 9251 (Total)				08/16/2023 18:52
23071339-029B	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/11/2023 15:44
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/11/2023 15:44
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 19:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 19:59
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:30
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/12/2023 3:11
	SW-846 9251 (Dissolved)				08/12/2023 3:07
23071339-029C	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/07/2023 18:23
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:00	08/08/2023 19:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/08/2023 18:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	08/11/2023 14:21
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/14/2023 13:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:00	09/15/2023 14:16
	SW-846 7470A (Total)			08/05/2023 11:29	08/07/2023 13:44



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-029D	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:38	08/07/2023 14:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:38	09/15/2023 15:53
23071339-029E	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	SW-846 9060A				08/27/2023 1:35
23071339-029F	MW-391	08/04/2023 10:20	08/04/2023 15:43		
	SW-846 9060A				08/24/2023 23:38
23071339-043A	Field Blank	08/07/2023 13:30	08/07/2023 16:08		
	Standard Methods 2320 B (Total) 1997, 2011				08/08/2023 17:04
	Standard Methods 2320 B 1997, 2011				08/08/2023 17:04
	Standard Methods 2540 C (Total) 1997, 2011				08/10/2023 10:25
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/08/2023 21:37
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/14/2023 17:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/14/2023 17:48
	Standard Methods 4500-P E 1999				08/08/2023 13:59
	Standard Methods 4500-P E 1999, 2011				08/08/2023 14:23
	SW-846 9036 (Total)				08/16/2023 20:53
	SW-846 9214 (Total)				08/14/2023 11:35
	SW-846 9251 (Total)				08/16/2023 20:55
23071339-043B	Field Blank	08/07/2023 13:30	08/07/2023 16:08		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 16:06
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/08/2023 16:06
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/08/2023 21:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:57
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/11/2023 21:57
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/08/2023 14:23
	Standard Methods 4500-P E (Dissolved) 1999				08/08/2023 13:59
	SW-846 9036 (Dissolved)				08/15/2023 23:51
	SW-846 9251 (Dissolved)				08/15/2023 23:52
23071339-043C	Field Blank	08/07/2023 13:30	08/07/2023 16:08		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/11/2023 17:45
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/09/2023 10:50	08/14/2023 13:11
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	08/11/2023 17:58
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 2:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/09/2023 10:50	09/15/2023 18:36
	SW-846 7470A (Total)			08/10/2023 10:57	08/11/2023 15:02
23071339-043D	Field Blank	08/07/2023 13:30	08/07/2023 16:08		



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-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 (Dissolved)			08/10/2023 11:00	08/11/2023 17:19
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/10/2023 11:00	08/14/2023 12:31
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/10/2023 11:00	09/15/2023 1:19
23071339-043E	Field Blank	08/07/2023 13:30	08/07/2023 16:08		
	SW-846 9060A				08/27/2023 3:47
23071339-043F	Field Blank	08/07/2023 13:30	08/07/2023 16:08		
	SW-846 9060A				08/26/2023 20:47
23071339-044A	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	Ferrous Iron by CHEMets Kit				08/03/2023 15:10
	Field Elevation Measurements				08/03/2023 15:10
	Standard Methods 2130 B Field				08/03/2023 15:10
	Standard Methods 18th Ed. 2580 B Field				08/03/2023 15:10
	Standard Methods 2320 B (Total) 1997, 2011				08/07/2023 12:24
	Standard Methods 2320 B 1997, 2011				08/07/2023 12:24
	Standard Methods 2510 B Field				08/03/2023 15:10
	Standard Methods 2540 C (Total) 1997, 2011				08/07/2023 10:36
	Standard Methods 2550 B Field				08/03/2023 15:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				08/04/2023 16:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 18:07
	Standard Methods 4500-NO3 F (Total) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-O G Field				08/03/2023 15:10
	Standard Methods 4500-P E 1999				08/04/2023 18:07
	Standard Methods 4500-P E 1999, 2011				08/04/2023 14:18
	SW-846 9036 (Total)				08/16/2023 21:02
	SW-846 9040B Field				08/03/2023 15:10
	SW-846 9214 (Total)				08/07/2023 11:50
	SW-846 9251 (Total)				08/16/2023 21:03
23071339-044B	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 10:09
	Standard Methods 2320 B (Dissolved) 1997, 2011				08/07/2023 10:09
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				08/04/2023 15:58
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 17:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				08/04/2023 21:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				08/04/2023 14:18
	Standard Methods 4500-P E (Dissolved) 1999				08/04/2023 18:07
	SW-846 9036 (Dissolved)				08/16/2023 0:00
	SW-846 9251 (Dissolved)				08/16/2023 0:00



## Dates Report

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071339-044C	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:26	08/07/2023 18:55
	SW-846 3005A, 6010B, Metals by ICP (Total)			08/05/2023 9:26	08/08/2023 18:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:26	08/08/2023 18:55
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:26	08/11/2023 15:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:26	09/14/2023 15:27
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			08/05/2023 9:26	09/15/2023 15:48
	SW-846 7470A (Total)			08/05/2023 11:34	08/07/2023 15:45
23071339-044D	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:39	08/07/2023 17:17
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			08/04/2023 18:39	08/08/2023 13:39
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:39	09/14/2023 1:41
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			08/04/2023 18:39	09/14/2023 20:04
23071339-044E	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 9060A				08/27/2023 3:53
23071339-044F	MW-304 Duplicate	08/03/2023 15:10	08/03/2023 17:50		
	SW-846 9060A				08/26/2023 20:59



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### STANDARD METHODS 2510 B FIELD

Batch R335092		SampType: LCS		Units µS/cm							
SampID: LCS-R335092											
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	08/03/2023	
Spec. Conductance, Field	*	0		1430	1412	0	101.1	90	110	08/04/2023	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	08/04/2023	
Spec. Conductance, Field	*	0		1420	1412	0	100.7	90	110	08/07/2023	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	08/15/2023	
Spec. Conductance, Field	*	0		1420	1412	0	100.2	90	110	08/03/2023	

### SW-846 9040B FIELD

Batch R335092		SampType: LCS		Units							
SampID: LCS-R335092											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	08/04/2023	
pH	*	1.00		7.10	7.000	0	101.4	98.57	101.4	08/15/2023	
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	08/04/2023	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	08/03/2023	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	08/03/2023	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	08/07/2023	

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R334716		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	08/07/2023	

Batch R334716		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		920	1000	0	92.0	90	110	08/07/2023	

Batch R334716		SampType: DUP		Units mg/L							
SampID: 23071339-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		608				612.0	0.66	08/07/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R334762		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/08/2023	

Batch R334762		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		952	1000	0	95.2	90	110	08/08/2023	

Batch R334762		SampType: DUP		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-028ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		732				740.0	1.09	08/08/2023		

Batch R334903		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/10/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/10/2023	

Batch R334903		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		934	1000	0	93.4	90	110	08/10/2023	
Total Dissolved Solids		20		938	1000	0	93.8	90	110	08/10/2023	

Batch R334903		SampType: DUP		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-015ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		318				328.0	3.10	08/10/2023		

Batch R335171		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/16/2023	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/16/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R335171		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		<b>984</b>	1000	0	98.4	90	110	08/16/2023	
Total Dissolved Solids		20		<b>960</b>	1000	0	96.0	90	110	08/16/2023	

Batch R335171		SampType: DUP		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-045ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Total Dissolved Solids		20		<b>808</b>				772.0	4.56	08/16/2023		

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

Batch R334597		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-006BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		<b>0.50</b>	0.5000	0	101.0	85	115	08/04/2023	

Batch R334597		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-006BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrite (as N)		0.05		<b>0.50</b>	0.5000	0	100.6	0.5050	0.40	08/04/2023		

Batch R334597		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		<b>0.53</b>	0.5000	0	105.8	85	115	08/04/2023	

Batch R334597		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-009BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrite (as N)		0.05		<b>0.50</b>	0.5000	0	100.8	0.5290	4.84	08/04/2023		

Batch R334597		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-013BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		<b>0.50</b>	0.5000	0	100.6	85	115	08/04/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334597		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-013BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.8	0.5030	0.80	08/04/2023	

Batch R334597		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-018BMS											
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	103.2	85	115	08/04/2023	

Batch R334597		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-018BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.8	0.5160	2.35	08/04/2023	

Batch R334597		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-021BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.4	85	115	08/04/2023	

Batch R334597		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-021BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	0.5070	0.40	08/04/2023	

Batch R334597		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-022BMS											
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	104.4	85	115	08/04/2023	

Batch R334597		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-022BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.4	0.5220	9.01	08/04/2023	

Batch R334733		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.0	85	115	08/08/2023	



## Quality Control Results

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Client: Ramboll  
Client Project: BAL-23Q3

Work Order: 23071339  
Report Date: 11-Oct-23

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

Batch	R334733	SampType:	MSD	Units mg/L			RPD Limit 10				
SampID: 23071339-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	98.8	0.4950	0.20	08/08/2023	

Batch	R334733	SampType:	MS	Units mg/L			RPD Limit 10				
SampID: 23071339-004BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.8	85	115	08/08/2023	

Batch	R334733	SampType:	MSD	Units mg/L			RPD Limit 10				
SampID: 23071339-004BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.6	0.5090	0.20	08/08/2023	

Batch	R334733	SampType:	MS	Units mg/L			RPD Limit 10				
SampID: 23071339-039BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.8	85	115	08/08/2023	

Batch	R334733	SampType:	MSD	Units mg/L			RPD Limit 10				
SampID: 23071339-039BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	0.5040	0.20	08/08/2023	

Batch	R335044	SampType:	MS	Units mg/L			RPD Limit 10				
SampID: 23071339-045BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.8	85	115	08/15/2023	

Batch	R335044	SampType:	MSD	Units mg/L			RPD Limit 10				
SampID: 23071339-045BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	0.5040	0.20	08/15/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334597		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	08/04/2023	

Batch R334597		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		1.22	1.250	0	98.0	90	110	08/04/2023	

Batch R334733		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	08/08/2023	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	08/08/2023	

Batch R334733		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		1.20	1.250	0	96.4	90	110	08/08/2023	
Nitrogen, Nitrite (as N)		0.25		1.20	1.250	0	96.4	90	110	08/08/2023	

Batch R335044		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	08/15/2023	

Batch R335044		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		1.19	1.250	0	95.2	90	110	08/15/2023	

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

Batch R334618		SampType: MS		Units mg/L							
SampID: 23071339-021BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.244	0.2500	0	97.6	85	115	08/04/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch	R334618	SampType:	MSD	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-021BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.244</b>	0.2500	0	97.6	0.2440	0.00	08/04/2023	

Batch	R334618	SampType:	MS	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-028BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	<b>0.245</b>	0.2500	0.05300	76.8	85	115	08/04/2023	

Batch	R334618	SampType:	MSD	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-028BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	<b>0.245</b>	0.2500	0.05300	76.8	0.2450	0.00	08/04/2023	

Batch	R334618	SampType:	MS	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.244</b>	0.2500	0	97.6	85	115	08/04/2023	

Batch	R334618	SampType:	MSD	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-035BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.247</b>	0.2500	0	98.8	0.2440	1.22	08/04/2023	

Batch	R334740	SampType:	MS	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-024BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.435</b>	0.2500	0.1930	96.8	85	115	08/08/2023	

Batch	R334740	SampType:	MSD	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-024BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.439</b>	0.2500	0.1930	98.4	0.4350	0.92	08/08/2023	

Batch	R334934	SampType:	MS	Units mg/L			RPD Limit 10				Date Analyzed
SampID: 23071339-004BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050	H	<b>0.287</b>	0.2500	0.04200	98.0	85	115	08/11/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334934		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-004BMSD											
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>0.285</b>	0.2500	0.04200	97.2	0.2870	0.70	08/11/2023	

Batch R334934		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-039BMS											
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>0.248</b>	0.2500	0	99.2	85	115	08/11/2023	

Batch R334934		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-039BMSD											
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>0.248</b>	0.2500	0	99.2	0.2480	0.00	08/11/2023	

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

Batch R334618		SampType: MBLK		Units mg/L				RPD Limit 10			
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>						08/04/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	0.0090	0	0	-100	100	08/04/2023	

Batch R334618		SampType: LCS		Units mg/L				RPD Limit 10			
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>0.493</b>	0.5000	0	98.6	90	110	08/04/2023	

Batch R334618		SampType: MS		Units mg/L				RPD Limit 10			
SampID: 23071339-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.594</b>	0.2500	0.3350	103.6	85	115	08/04/2023	

Batch R334618		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 23071339-005AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.591</b>	0.2500	0.3350	102.4	0.5940	0.51	08/04/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334618		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-025AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.684</b>	0.2500	0.4280	102.4	85	115	08/04/2023	

Batch R334618		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-025AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.682</b>	0.2500	0.4280	101.6	0.6840	0.29	08/04/2023		

Batch R334618		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-031AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.317</b>	0.2500	0.07800	95.6	85	115	08/04/2023	

Batch R334618		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-031AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.303</b>	0.2500	0.07800	90.0	0.3170	4.52	08/04/2023		

Batch R334618		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-040AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.250</b>	0.2500	0	100.0	85	115	08/04/2023	

Batch R334618		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-040AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.251</b>	0.2500	0	100.4	0.2500	0.40	08/04/2023		

Batch R334732		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>&lt; 0.050</b>	0.0090	0	0	-100	100	08/07/2023	

Batch R334732		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.502</b>	0.5000	0	100.4	90	110	08/07/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334740		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						08/08/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	08/08/2023	

Batch R334740		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.491	0.5000	0	98.2	90	110	08/08/2023	

Batch R334740		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-015AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.583	0.2500	0.3560	90.8	85	115	08/08/2023	

Batch R334740		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-015AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.576	0.2500	0.3560	88.0	0.5830	1.21	08/08/2023		

Batch R334934		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						08/11/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	08/11/2023	

Batch R334934		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.495	0.5000	0	99.0	90	110	08/11/2023	

Batch R334997		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						08/14/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	08/14/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334997		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	08/14/2023	

Batch R334997		SampType: MS		Units mg/L							
SampID: 23071339-003AMS											
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>0.316</b>	0.2500	0.07800	95.2	85	115	08/14/2023	

Batch R334997		SampType: MSD		Units mg/L						RPD Limit 10		Date Analyzed
SampID: 23071339-003AMSD												
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>0.315</b>	0.2500	0.07800	94.8	0.3160	0.32	08/14/2023		

Batch R335128		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>						08/16/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< <b>0.050</b>	0.0090	0	0	-100	100	08/16/2023	

Batch R335128		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>0.501</b>	0.5000	0	100.2	90	110	08/16/2023	

Batch R335128		SampType: MS		Units mg/L							
SampID: 23071339-045AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.492</b>	0.2500	0.2350	102.8	85	115	08/16/2023	

Batch R335128		SampType: MSD		Units mg/L						RPD Limit 10		Date Analyzed
SampID: 23071339-045AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		<b>0.483</b>	0.2500	0.2350	99.2	0.4920	1.85	08/16/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-013BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.067</b>	0.0500	0.01000	114.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-013BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.067</b>	0.0500	0.01000	114.0	0.06700	0.00	08/04/2023		

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-018BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.061</b>	0.0500	0.008000	106.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-018BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.056</b>	0.0500	0.008000	96.0	0.06100	8.55	08/04/2023		

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-027BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.069</b>	0.0500	0.01500	108.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-027BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.067</b>	0.0500	0.01500	104.0	0.06900	2.94	08/04/2023		

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-031BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.105</b>	0.0500	0.04800	114.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-031BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.100</b>	0.0500	0.04800	104.0	0.1050	4.88	08/04/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-032BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.087</b>	0.0500	0.03300	108.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-032BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.089</b>	0.0500	0.03300	112.0	0.08700	2.27	08/04/2023		

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-044BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.067</b>	0.0500	0.01300	108.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-044BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.067</b>	0.0500	0.01300	108.0	0.06700	0.00	08/04/2023		

Batch R334730		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.077</b>	0.0500	0.02300	108.0	85	115	08/08/2023	

Batch R334730		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-003BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.079</b>	0.0500	0.02300	112.0	0.07700	2.56	08/08/2023		

Batch R334730		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-019BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.129</b>	0.0500	0.08200	94.0	85	115	08/08/2023	

Batch R334730		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-019BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010		<b>0.129</b>	0.0500	0.08200	94.0	0.1290	0.00	08/08/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334730		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-024BMS											
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	08/08/2023	

Batch R334730		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-024BMSD												
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	0.05300	3.85	08/08/2023		

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

Batch R334615		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	
Phosphorus, Orthophosphate (as P)		0.010		< <b>0.010</b>	0.0020	0	0	-100	100	08/04/2023	

Batch R334615		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	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.102</b>	0.1000	0	102.0	90	110	08/04/2023	

Batch R334615		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-022AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)		0.010		<b>0.056</b>	0.0500	0	112.0	85	115	08/04/2023	

Batch R334615		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-022AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)		0.010	S	<b>0.060</b>	0.0500	0	120.0	0.05600	6.90	08/04/2023		

Batch R334730		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	
Phosphorus, Orthophosphate (as P)		0.010		< <b>0.010</b>	0.0020	0	0	-100	100	08/08/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch R334730		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>0.103</b>	0.1000	0	103.0	90	110	08/08/2023	

Batch R334938		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	08/10/2023	

Batch R334938		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	08/10/2023	

Batch R335135		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	08/16/2023	

Batch R335135		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>0.108</b>	0.1000	0	108.0	90	110	08/16/2023	

### SW-846 9036 (DISSOLVED)

Batch R334945		SampType: MS		Units mg/L							
SampID: 23071339-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50	E	<b>255</b>	100.0	157.5	97.5	85	115	08/11/2023	

Batch R334945		SampType: MSD		Units mg/L							
SampID: 23071339-001BMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		50	E	<b>256</b>	100.0	157.5	98.0	255.0	0.21	08/11/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9036 (DISSOLVED)

Batch R334945		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		40	20.00	22.26	90.8	85	115	08/11/2023	

Batch R334945		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-009BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		10		40	20.00	22.26	89.2	40.41	0.80	08/11/2023		

Batch R334945		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-017BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		164	100.0	74.48	89.7	85	115	08/12/2023	

Batch R334945		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-017BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		50		165	100.0	74.48	90.2	164.2	0.25	08/12/2023		

Batch R335058		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-030BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20		87	40.00	50.06	92.2	85	115	08/15/2023	

Batch R335058		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-030BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		20		85	40.00	50.06	88.6	86.92	1.66	08/15/2023		

Batch R335139		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		169	100.0	80.36	88.5	85	115	08/16/2023	

Batch R335139		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-035BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		50		173	100.0	80.36	93.0	168.9	2.65	08/16/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9036 (TOTAL)

Batch R334945		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	08/11/2023	

Batch R334945		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		20	20.00	0	101.2	90	110	08/11/2023	

Batch R335058		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	08/15/2023	

Batch R335058		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	08/15/2023	

Batch R335058		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	91.6	90	110	08/15/2023	

Batch R335058		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		19	20.00	0	92.8	90	110	08/15/2023	

Batch R335139		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	08/16/2023	

Batch R335139		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	96.9	90	110	08/16/2023	





## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9036 (TOTAL)

Batch R335139		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		500		1760	1000	852.3	91.2	85	115	08/16/2023	

Batch R335139		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-003AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		500		1760	1000	852.3	90.9	1764	0.13	08/16/2023		

Batch R335139		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-014AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10	E	59	20.00	40.69	92.6	85	115	08/16/2023	

Batch R335139		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-014AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		10	E	60	20.00	40.69	98.6	59.22	1.99	08/16/2023		

Batch R335139		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-018AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10	E	61	20.00	42.96	90.7	85	115	08/16/2023	

Batch R335139		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-018AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		10	E	61	20.00	42.96	89.5	61.10	0.39	08/16/2023		

Batch R335139		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-035AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20	E	108	40.00	69.27	98.1	85	115	08/16/2023	

Batch R335139		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-035AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		20	E	110	40.00	69.27	103.0	108.5	1.79	08/16/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9036 (TOTAL)

Batch R335217		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	08/17/2023	

Batch R335217		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		20	20.00	0	99.6	90	110	08/17/2023	

Batch R335217		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		500	S	1540	1000	732.0	81.2	85	115	08/17/2023	

Batch R335217		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-005AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		500		1600	1000	732.0	86.5	1544	3.37	08/17/2023		

Batch R335341		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	08/21/2023	

Batch R335341		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		20	20.00	0	98.0	90	110	08/21/2023	

### SW-846 9060A

Batch R334982		SampType: MBLK		Units mg/L							Date Analyzed
SampID: FILTER MBLK											
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	08/14/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9060A

Batch R334982		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-005FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0	S	4.8	5.000	0.7800	80.6	85	115	08/15/2023	

Batch R334982		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-005FMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Dissolved Organic Carbon		1.0	S	4.9	5.000	0.7800	81.8	4.810	1.24	08/15/2023		

Batch R335281		SampType: MBLK		Units mg/L							Date Analyzed
SampID: FILTER MBLK											
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	08/18/2023	

Batch R335281		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-009FMS											
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	1.800	92.0	85	115	08/19/2023	

Batch R335281		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-009FMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Dissolved Organic Carbon		1.0		6.1	5.000	1.800	86.6	6.400	4.31	08/19/2023		

Batch R335281		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-016FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0	S	4.1	5.000	0	81.6	85	115	08/19/2023	

Batch R335281		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-016FMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Dissolved Organic Carbon		1.0	S	4.0	5.000	0	79.0	4.080	3.24	08/19/2023		

Batch R335506		SampType: MBLK		Units mg/L							Date Analyzed
SampID: FILTER MBLK											
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	08/24/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9060A

Batch R335506		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	08/24/2023	

Batch R335506		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.3	5.000	0	105.6	90	110	08/24/2023	

Batch R335506		SampType: MS		Units mg/L							
SampID: 23071339-011FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.3	5.000	0.9700	106.0	85	115	08/24/2023	

Batch R335506		SampType: MSD		Units mg/L							
SampID: 23071339-011FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.2	5.000	0.9700	105.0	6.270	0.80	08/24/2023	

Batch R335506		SampType: MS		Units mg/L							
SampID: 23071339-026FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		6.6	5.000	1.570	100.8	85	115	08/24/2023	

Batch R335506		SampType: MSD		Units mg/L							
SampID: 23071339-026FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		6.6	5.000	1.570	100.4	6.610	0.30	08/24/2023	

Batch R335573		SampType: MBLK		Units mg/L							
SampID: FILTER MBLK											
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	08/26/2023	

Batch R335573		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	08/26/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9060A

Batch R335573		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)		1.0		4.9	5.000	0	98.8	90	110	08/26/2023	

Batch R335573		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-015EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		7.3	5.000	2.350	98.2	85	115	08/26/2023	

Batch R335573		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-015EMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Total Organic Carbon (TOC)		1.0		7.4	5.000	2.350	100.8	7.260	1.77	08/26/2023		

Batch R335573		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-031EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.6	5.000	0.9500	94.0	85	115	08/27/2023	

Batch R335573		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-031EMSD												
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	0.9500	89.4	5.650	4.16	08/27/2023		

Batch R335573		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-038FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		7.0	5.000	2.520	89.8	85	115	08/26/2023	

Batch R335573		SampType: MSD		Units mg/L							RPD Limit 10	Date Analyzed
SampID: 23071339-038FMSD												
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	2.520	90.8	7.010	0.71	08/26/2023		

Batch R335573		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-041FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		8.9	5.000	3.600	106.6	85	115	08/26/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9060A

Batch R335573		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 23071339-041FMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		8.5	5.000	3.600	98.8	8.930	4.46	08/26/2023	

Batch R335646		SampType: MBLK		Units mg/L				RPD Limit 10			Date Analyzed
SampID: FILTER MBLK											
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	08/28/2023	

Batch R335646		SampType: MBLK		Units mg/L				RPD Limit 10			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	08/28/2023	

Batch R335646		SampType: MBLK		Units mg/L				RPD Limit 10			Date Analyzed
SampID: MB-R335646											
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	08/28/2023	

Batch R335646		SampType: LCS		Units mg/L				RPD Limit 10			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)		1.0		4.7	5.000	0	93.8	90	110	08/28/2023	

Batch R335646		SampType: LCS		Units mg/L				RPD Limit 10			Date Analyzed
SampID: LCS-R335646											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		4.7	5.000	0	93.8	90	110	08/28/2023	

Batch R335646		SampType: MS		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 23071339-045EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.5	5.000	1.240	86.0	85	115	08/28/2023	

Batch R335646		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 23071339-045EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		5.5	5.000	1.240	85.4	5.540	0.54	08/28/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9214 (TOTAL)

Batch R334632		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	08/07/2023	

Batch R334632		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	99.6	90	110	08/07/2023	

Batch R334632		SampType: MS		Units mg/L							
SampID: 23071339-030AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		6.21	2.000	4.073	106.9	75	125	08/07/2023	

Batch R334632		SampType: MSD		Units mg/L							
SampID: 23071339-030AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		6.31	2.000	4.073	111.7	6.210	1.55	08/07/2023	

Batch R334632		SampType: MS		Units mg/L							
SampID: 23071339-044AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		3.80	2.000	1.691	105.5	75	125	08/07/2023	

Batch R334632		SampType: MSD		Units mg/L							
SampID: 23071339-044AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		3.75	2.000	1.691	102.9	3.801	1.38	08/07/2023	

Batch R334891		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	08/11/2023	

Batch R334891		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		0.98	1.000	0	97.9	90	110	08/11/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9214 (TOTAL)

Batch R334891		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.52	2.000	0.4380	104.3	75	125	08/11/2023	

Batch R334891		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-006AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.47	2.000	0.4380	101.6	2.524	2.20	08/11/2023		

Batch R334891		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-029AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		5.28	2.000	3.244	101.8	75	125	08/11/2023	

Batch R334891		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-029AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		5.34	2.000	3.244	104.6	5.279	1.07	08/11/2023		

Batch R334891		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-038AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.17	2.000	0.2430	96.6	75	125	08/11/2023	

Batch R334891		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-038AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.19	2.000	0.2430	97.4	2.174	0.73	08/11/2023		

Batch R334963		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	08/14/2023	

Batch R334963		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		0.97	1.000	0	97.0	90	110	08/14/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9214 (TOTAL)

Batch R334963		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-019AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		5.54	2.000	3.357	109.3	75	125	08/14/2023	

Batch R334963		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-019AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		5.37	2.000	3.357	100.8	5.542	3.12	08/14/2023		

Batch R334963		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-043AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.12	2.000	0	105.8	75	125	08/14/2023	

Batch R334963		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-043AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.11	2.000	0	105.4	2.116	0.43	08/14/2023		

Batch R335102		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	08/16/2023	

Batch R335102		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		1.00	1.000	0	99.6	90	110	08/16/2023	

Batch R335102		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-045AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.08	2.000	0.1640	95.8	75	125	08/16/2023	

Batch R335102		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-045AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Fluoride		0.10		2.11	2.000	0.1640	97.3	2.081	1.38	08/16/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9251 (DISSOLVED)

Batch R334956		SampType: MS		Units mg/L							Date
SampID: 23071339-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4		<b>33</b>	20.00	13.92	93.6	85	115		08/11/2023

Batch R334956		SampType: MSD		Units mg/L		RPD Limit 15					Date
SampID: 23071339-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4		<b>32</b>	20.00	13.92	91.4	32.63	1.30		08/11/2023

Batch R334956		SampType: MS		Units mg/L							Date
SampID: 23071339-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4		<b>41</b>	20.00	23.37	86.4	85	115		08/11/2023

Batch R334956		SampType: MSD		Units mg/L		RPD Limit 15					Date
SampID: 23071339-009BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4		<b>41</b>	20.00	23.37	87.4	40.64	0.49		08/11/2023

Batch R334956		SampType: MS		Units mg/L							Date
SampID: 23071339-017BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		4		<b>35</b>	20.00	17.24	89.8	85	115		08/11/2023

Batch R334956		SampType: MSD		Units mg/L		RPD Limit 15					Date
SampID: 23071339-017BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		4		<b>35</b>	20.00	17.24	89.3	35.19	0.26		08/11/2023

Batch R335089		SampType: MS		Units mg/L							Date
SampID: 23071339-030BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed
Chloride		200		<b>1770</b>	1000	882.5	88.7	85	115		08/15/2023

Batch R335089		SampType: MSD		Units mg/L		RPD Limit 15					Date
SampID: 23071339-030BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		Analyzed
Chloride		200		<b>1790</b>	1000	882.5	90.9	1770	1.22		08/15/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9251 (DISSOLVED)

Batch R335089		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-035BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40		247	200.0	53.29	96.9	85	115	08/15/2023	

Batch R335089		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-035BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		40		246	200.0	53.29	96.5	247.0	0.27	08/15/2023		

### SW-846 9251 (TOTAL)

Batch R334956		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	08/11/2023	

Batch R334956		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		21	20.00	0	105.8	90	110	08/11/2023	

Batch R335089		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	08/15/2023	

Batch R335089		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	
Chloride		4		< 4	0.5000	0	0	-100	100	08/15/2023	

Batch R335089		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	99.0	90	110	08/15/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9251 (TOTAL)

Batch R335089		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	
Chloride		4		20	20.00	0	100.9	90	110	08/15/2023	

Batch R335089		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		8	S	87	40.00	53.47	82.8	85	115	08/16/2023	

Batch R335089		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-003AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		8	S	84	40.00	53.47	76.6	86.57	2.91	08/16/2023		

Batch R335089		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		20		135	100.0	37.34	97.5	85	115	08/16/2023	

Batch R335089		SampType: MSD		Units mg/L							RPD Limit 15	Date Analyzed
SampID: 23071339-005AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Chloride		20		134	100.0	37.34	96.4	134.9	0.89	08/16/2023		

Batch R335175		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	08/16/2023	

Batch R335175		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	99.7	90	110	08/16/2023	

Batch R335175		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-018AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		45	20.00	28.21	85.0	85	115	08/16/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9251 (TOTAL)

Batch R335175		SampType: MSD		Units mg/L			RPD Limit 15				Date Analyzed
SampID: 23071339-018AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride		4		46	20.00	28.21	87.2	45.21	0.97	08/16/2023	

Batch R335175		SampType: MS		Units mg/L			RPD Limit 15				Date Analyzed
SampID: 23071339-035AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		8		90	40.00	55.47	86.3	85	115	08/16/2023	

Batch R335175		SampType: MSD		Units mg/L			RPD Limit 15				Date Analyzed
SampID: 23071339-035AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride		8		90	40.00	55.47	86.6	89.99	0.13	08/16/2023	

Batch R335223		SampType: MBLK		Units mg/L			RPD Limit 15				Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		< 4	0.5000	0	0	-100	100	08/17/2023	

Batch R335223		SampType: LCS		Units mg/L			RPD Limit 15				Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		20	20.00	0	100.8	90	110	08/17/2023	

Batch R335223		SampType: MS		Units mg/L			RPD Limit 15				Date Analyzed
SampID: 23071339-014AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		40		233	200.0	50.11	91.6	85	115	08/18/2023	

Batch R335223		SampType: MSD		Units mg/L			RPD Limit 15				Date Analyzed
SampID: 23071339-014AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride		40		231	200.0	50.11	90.7	233.2	0.76	08/18/2023	

Batch R335354		SampType: MBLK		Units mg/L			RPD Limit 15				Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		< 4	0.5000	0	0	-100	100	08/21/2023	



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 9251 (TOTAL)

Batch R335354		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	98.6	90	110	08/21/2023	

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

Batch 210445		SampType: MBLK		Units mg/L							
SampID: MBLK-210445											
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	08/07/2023	
Boron		0.0200		< <b>0.0200</b>	0.0090	0	0	-100	100	08/07/2023	
Calcium		0.100		< <b>0.100</b>	0.0350	0	0	-100	100	08/07/2023	
Iron		0.0400		< <b>0.0400</b>	0.0200	0	0	-100	100	08/07/2023	
Magnesium		0.0500		< <b>0.0500</b>	0.0055	0	0	-100	100	08/07/2023	
Manganese		0.0070		< <b>0.0070</b>	0.0025	0	0	-100	100	08/07/2023	
Potassium		0.100		< <b>0.100</b>	0.0400	0	0	-100	100	08/07/2023	
Silicon	*	0.0500		< <b>0.0500</b>	0.0122	0	0	-100	100	08/07/2023	
Sodium		0.0500		< <b>0.0500</b>	0.0180	0	0	-100	100	08/07/2023	

### Batch 210445 SampType: LCS Units mg/L

SampID: LCS-210445										
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	08/07/2023
Boron		0.0200		<b>0.458</b>	0.5000	0	91.6	85	115	08/07/2023
Calcium		0.100		<b>2.40</b>	2.500	0	96.2	85	115	08/07/2023
Iron		0.0400		<b>1.81</b>	2.000	0	90.4	85	115	08/07/2023
Magnesium		0.0500		<b>2.37</b>	2.500	0	94.6	85	115	08/07/2023
Manganese		0.0070		<b>0.448</b>	0.5000	0	89.6	85	115	08/07/2023
Potassium		0.100		<b>2.62</b>	2.500	0	104.8	85	115	08/07/2023
Silicon	*	0.0500		<b>0.450</b>	0.5000	0	90.0	85	115	08/07/2023
Sodium		0.0500		<b>2.32</b>	2.500	0	92.8	85	115	08/07/2023

### Batch 210445 SampType: MS Units mg/L

SampID: 23071339-002DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		<b>0.713</b>	0.5000	0.2382	95.0	75	125	08/08/2023
Iron		0.0400		<b>2.91</b>	2.000	0.8619	102.4	75	125	08/08/2023
Manganese		0.0070		<b>1.72</b>	0.5000	1.224	98.2	75	125	08/08/2023





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210445		SampType: MSD		Units mg/L			RPD Limit 20			
SampID: 23071339-002DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		<b>0.706</b>	0.5000	0.2382	93.6	0.7133	0.99	08/08/2023
Iron		0.0400		<b>2.87</b>	2.000	0.8619	100.4	2.910	1.38	08/08/2023
Manganese		0.0070		<b>1.70</b>	0.5000	1.224	96.0	1.715	0.65	08/08/2023

Batch 210445		SampType: MS		Units mg/L			RPD Limit 20			
SampID: 23071339-025DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		<b>18.1</b>	2.500	15.52	102.0	75	125	08/07/2023
Magnesium		0.0500		<b>11.4</b>	2.500	9.039	94.7	75	125	08/07/2023
Potassium		0.100		<b>5.35</b>	2.500	2.695	106.4	75	125	08/07/2023
Silicon	*	0.0500		<b>4.04</b>	0.5000	3.550	97.8	75	125	08/07/2023
Sodium		0.0500	S	<b>361</b>	2.500	360.6	10.8	75	125	08/07/2023

Batch 210445		SampType: MSD		Units mg/L			RPD Limit 20			
SampID: 23071339-025DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		<b>18.0</b>	2.500	15.52	98.4	18.07	0.50	08/07/2023
Magnesium		0.0500		<b>11.3</b>	2.500	9.039	89.9	11.41	1.07	08/07/2023
Potassium		0.100		<b>5.33</b>	2.500	2.695	105.5	5.355	0.43	08/07/2023
Silicon	*	0.0500		<b>4.01</b>	0.5000	3.550	92.1	4.039	0.71	08/07/2023
Sodium		0.0500	S	<b>360</b>	2.500	360.6	-20.0	360.8	0.21	08/07/2023

Batch 210446		SampType: MBLK		Units mg/L			RPD Limit 20			
SampID: MBLK-210446										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		<b>&lt; 0.0250</b>	0.0127	0	0	-100	100	08/07/2023
Boron		0.0200		<b>&lt; 0.0200</b>	0.0090	0	0	-100	100	08/07/2023
Calcium		0.100		<b>&lt; 0.100</b>	0.0350	0	0	-100	100	08/07/2023
Iron		0.0400		<b>&lt; 0.0400</b>	0.0200	0	0	-100	100	08/07/2023
Magnesium		0.0500		<b>&lt; 0.0500</b>	0.0055	0	0	-100	100	08/07/2023
Manganese		0.0070		<b>&lt; 0.0070</b>	0.0025	0	0	-100	100	08/07/2023
Potassium		0.100		<b>&lt; 0.100</b>	0.0400	0	0	-100	100	08/07/2023
Silicon	*	0.0500		<b>&lt; 0.0500</b>	0.0122	0	0	-100	100	08/07/2023
Sodium		0.0500		<b>&lt; 0.0500</b>	0.0180	0	0	-100	100	08/07/2023



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210446 SampType: LCS Units mg/L

SampID: LCS-210446

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	90.7	85	115	08/07/2023
Boron		0.0200		<b>0.450</b>	0.5000	0	90.0	85	115	08/07/2023
Calcium		0.100		<b>2.36</b>	2.500	0	94.6	85	115	08/07/2023
Iron		0.0400		<b>1.78</b>	2.000	0	88.8	85	115	08/07/2023
Magnesium		0.0500		<b>2.32</b>	2.500	0	92.6	85	115	08/07/2023
Manganese		0.0070		<b>0.440</b>	0.5000	0	88.0	85	115	08/07/2023
Potassium		0.100		<b>2.60</b>	2.500	0	103.9	85	115	08/07/2023
Silicon	*	0.0500		<b>0.431</b>	0.5000	0	86.2	85	115	08/07/2023
Sodium		0.0500		<b>2.31</b>	2.500	0	92.5	85	115	08/07/2023

Batch 210446 SampType: MS Units mg/L

SampID: 23071339-037DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	<b>191</b>	2.500	187.6	150.8	75	125	08/07/2023
Magnesium		0.0500	S	<b>76.6</b>	2.500	73.11	138.3	75	125	08/07/2023
Potassium		0.100		<b>3.70</b>	2.500	1.140	102.2	75	125	08/07/2023
Silicon	*	0.0500		<b>12.4</b>	0.5000	11.81	112.9	75	125	08/07/2023
Sodium		0.0500		<b>88.3</b>	2.500	85.60	109.6	75	125	08/07/2023

Batch 210446 SampType: MSD Units mg/L

SampID: 23071339-037DMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	<b>188</b>	2.500	187.6	24.0	191.4	1.67	08/07/2023
Magnesium		0.0500		<b>75.5</b>	2.500	73.11	94.3	76.57	1.45	08/07/2023
Potassium		0.100		<b>3.68</b>	2.500	1.140	101.7	3.695	0.32	08/07/2023
Silicon	*	0.0500		<b>12.3</b>	0.5000	11.81	89.4	12.38	0.95	08/07/2023
Sodium		0.0500	S	<b>87.2</b>	2.500	85.60	65.2	88.34	1.26	08/07/2023



## Quality Control Results

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Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210663 SampType: MBLK Units mg/L  
SampID: MBLK-210663

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	08/11/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/11/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/14/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/11/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/11/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/11/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/11/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	08/14/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/11/2023

Batch 210663 SampType: LCS Units mg/L  
SampID: LCS-210663

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.77	2.000	0	88.5	85	115	08/14/2023
Boron		0.0200		0.450	0.5000	0	89.9	85	115	08/14/2023
Calcium		0.100		2.37	2.500	0	94.8	85	115	08/14/2023
Iron		0.0400		1.87	2.000	0	93.4	85	115	08/14/2023
Magnesium		0.0500		2.15	2.500	0	86.2	85	115	08/14/2023
Manganese		0.0070		0.440	0.5000	0	88.1	85	115	08/14/2023
Potassium		0.100		2.41	2.500	0	96.4	85	115	08/11/2023
Sodium		0.0500		2.23	2.500	0	89.3	85	115	08/11/2023

Batch 210663 SampType: MS Units mg/L  
SampID: 23071339-017DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0200		0.452	0.5000	0.01060	88.3	75	125	08/14/2023
Iron		0.0400		1.74	2.000	0.05770	83.9	75	125	08/11/2023
Manganese		0.0070		0.414	0.5000	0	82.8	75	125	08/11/2023

Batch 210663 SampType: MSD Units mg/L  
SampID: 23071339-017DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0200		0.450	0.5000	0.01060	87.8	0.4519	0.49	08/14/2023
Iron		0.0400		1.74	2.000	0.05770	84.0	1.736	0.07	08/11/2023
Manganese		0.0070		0.413	0.5000	0	82.6	0.4141	0.24	08/11/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210928 SampType: MBLK Units mg/L

SampID: MBLK-210928

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	08/16/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/16/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/16/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/16/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/16/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/16/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/16/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	08/16/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/16/2023

Batch 210928 SampType: LCS Units mg/L

SampID: LCS-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.75	2.000	0	87.7	85	115	08/16/2023
Boron		0.0200		0.432	0.5000	0	86.4	85	115	08/16/2023
Calcium		0.100		2.37	2.500	0	94.8	85	115	08/16/2023
Iron		0.0400		1.75	2.000	0	87.5	85	115	08/16/2023
Magnesium		0.0500		2.33	2.500	0	93.4	85	115	08/17/2023
Manganese		0.0070		0.432	0.5000	0	86.5	85	115	08/16/2023
Potassium		0.100		2.50	2.500	0	100.0	85	115	08/16/2023
Silicon	*	0.0500		0.444	0.5000	0	88.8	85	115	08/16/2023
Sodium		0.0500		2.28	2.500	0	91.2	85	115	08/16/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441 SampType: MBLK Units mg/L

SampID: MBLK-210441

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	08/07/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	08/08/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	08/08/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	08/07/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	08/08/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	08/07/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	08/07/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	08/08/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	08/08/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/08/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/07/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	08/08/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	08/07/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/08/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/07/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	08/08/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	08/08/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/08/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	08/08/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	08/07/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/07/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/08/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	08/08/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	08/07/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/07/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/08/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	08/08/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	08/07/2023
Silicon	*	0.0500	JS	0.031	0.0122	0	253.3	-100	100	08/08/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/07/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/08/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	08/08/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	08/07/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441		SampType: LCS		Units mg/L							
SampID: LCS-210441											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250		<b>2.10</b>	2.000	0	105.0	85	115	08/08/2023	
Aluminum		0.0250		<b>2.00</b>	2.000	0	99.8	85	115	08/07/2023	
Antimony		0.0500		<b>0.559</b>	0.5000	0	111.8	85	115	08/08/2023	
Antimony		0.0500		<b>0.520</b>	0.5000	0	104.0	85	115	08/07/2023	
Arsenic		0.0250		<b>0.574</b>	0.5000	0	114.7	85	115	08/08/2023	
Arsenic		0.0250		<b>0.534</b>	0.5000	0	106.9	85	115	08/07/2023	
Barium		0.0025		<b>2.05</b>	2.000	0	102.5	85	115	08/07/2023	
Barium		0.0025		<b>2.20</b>	2.000	0	110.0	85	115	08/08/2023	
Beryllium		0.0005		<b>0.0544</b>	0.0500	0	108.8	85	115	08/08/2023	
Boron		0.0200		<b>0.547</b>	0.5000	0	109.4	85	115	08/08/2023	
Boron		0.0200		<b>0.502</b>	0.5000	0	100.5	85	115	08/07/2023	
Cadmium		0.0020		<b>0.0561</b>	0.0500	0	112.2	85	115	08/08/2023	
Cadmium		0.0020		<b>0.0516</b>	0.0500	0	103.2	85	115	08/07/2023	
Calcium		0.100		<b>2.80</b>	2.500	0	111.8	85	115	08/08/2023	
Calcium		0.100		<b>2.60</b>	2.500	0	104.0	85	115	08/07/2023	
Chromium		0.0050		<b>0.215</b>	0.2000	0	107.7	85	115	08/08/2023	
Cobalt		0.0050		<b>0.542</b>	0.5000	0	108.4	85	115	08/08/2023	
Iron		0.0400		<b>2.23</b>	2.000	0	111.5	85	115	08/08/2023	
Lead		0.0150		<b>0.544</b>	0.5000	0	108.9	85	115	08/08/2023	
Lead		0.0150		<b>0.495</b>	0.5000	0	98.9	85	115	08/07/2023	
Magnesium		0.0500		<b>2.55</b>	2.500	0	102.0	85	115	08/07/2023	
Manganese		0.0070		<b>0.530</b>	0.5000	0	105.9	85	115	08/08/2023	
Molybdenum		0.0100		<b>0.490</b>	0.5000	0	98.0	85	115	08/07/2023	
Molybdenum		0.0100		<b>0.535</b>	0.5000	0	106.9	85	115	08/08/2023	
Potassium		0.100		<b>2.83</b>	2.500	0	113.1	85	115	08/07/2023	
Potassium		0.100		<b>2.87</b>	2.500	0	114.8	85	115	08/08/2023	
Selenium		0.0400		<b>0.521</b>	0.5000	0	104.1	85	115	08/07/2023	
Selenium		0.0400		<b>0.559</b>	0.5000	0	111.9	85	115	08/08/2023	
Silicon	*	0.0500	B	<b>0.513</b>	0.5000	0	102.6	85	115	08/08/2023	
Sodium		0.0500		<b>2.53</b>	2.500	0	101.4	85	115	08/07/2023	
Sodium		0.0500		<b>2.69</b>	2.500	0	107.5	85	115	08/08/2023	
Thallium		0.0500		<b>0.260</b>	0.2500	0	103.8	85	115	08/07/2023	
Thallium		0.0500		<b>0.278</b>	0.2500	0	111.2	85	115	08/08/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441		SampType: MS		Units mg/L							
SampID: 23071339-010CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100	S	90.5	2.500	89.78	27.2	75	125	08/07/2023	
Magnesium		0.0500	S	36.0	2.500	34.18	71.0	75	125	08/07/2023	
Potassium		0.100		3.32	2.500	0.6284	107.8	75	125	08/07/2023	
Silicon	*	0.0500	B	10.6	0.5000	10.15	87.5	75	125	08/08/2023	
Sodium		0.0500	S	76.0	2.500	74.99	39.6	75	125	08/08/2023	

Batch 210441		SampType: MSD		Units mg/L							
SampID: 23071339-010CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100		91.9	2.500	89.78	85.6	90.46	1.60	08/07/2023	
Magnesium		0.0500		36.5	2.500	34.18	93.1	35.96	1.52	08/07/2023	
Potassium		0.100		3.40	2.500	0.6284	110.7	3.324	2.16	08/07/2023	
Silicon	*	0.0500	B	10.6	0.5000	10.15	85.8	10.59	0.08	08/08/2023	
Sodium		0.0500	S	76.0	2.500	74.99	39.6	75.98	0.00	08/08/2023	

Batch 210441		SampType: MS		Units mg/L							
SampID: 23071339-027CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		7.57	2.500	5.320	90.0	75	125	08/07/2023	
Magnesium		0.0500		4.56	2.500	2.368	87.5	75	125	08/07/2023	
Potassium		0.100		4.54	2.500	1.901	105.6	75	125	08/07/2023	
Silicon	*	0.0500	B	4.89	0.5000	4.444	89.1	75	125	08/08/2023	
Sodium		0.0500	S	695	2.500	695.4	-4.4	75	125	08/08/2023	

Batch 210441		SampType: MSD		Units mg/L							
SampID: 23071339-027CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100		7.35	2.500	5.320	81.2	7.570	2.95	08/07/2023	
Magnesium		0.0500		4.39	2.500	2.368	81.0	4.555	3.65	08/07/2023	
Potassium		0.100		4.47	2.500	1.901	102.9	4.541	1.48	08/07/2023	
Silicon	*	0.0500	B	4.98	0.5000	4.444	107.6	4.889	1.87	08/08/2023	
Sodium		0.0500	S	699	2.500	695.4	145.2	695.3	0.54	08/08/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210442 SampType: MBLK Units mg/L

SampID: MBLK-210442

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	08/08/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	08/07/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	08/08/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	08/07/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	08/07/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	08/07/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	08/08/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	08/08/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/07/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/08/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	08/07/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/07/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/08/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	08/08/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	08/08/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/08/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	08/08/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/07/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/08/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	08/08/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	08/07/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/08/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/07/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	08/07/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	08/08/2023
Silicon	*	0.0500	JS	0.032	0.0122	0	266.4	-100	100	08/08/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/07/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/08/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	08/07/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	08/08/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210442		SampType: LCS		Units mg/L							
SampID: LCS-210442											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		0.0250		<b>1.97</b>	2.000	0	98.3	85	115	08/08/2023	
Aluminum		0.0250		<b>1.94</b>	2.000	0	97.1	85	115	08/07/2023	
Antimony		0.0500		<b>0.513</b>	0.5000	0	102.5	85	115	08/07/2023	
Antimony		0.0500		<b>0.522</b>	0.5000	0	104.4	85	115	08/08/2023	
Arsenic		0.0250		<b>0.521</b>	0.5000	0	104.1	85	115	08/07/2023	
Barium		0.0025		<b>2.09</b>	2.000	0	104.5	85	115	08/08/2023	
Barium		0.0025		<b>2.02</b>	2.000	0	101.0	85	115	08/07/2023	
Beryllium		0.0005		<b>0.0522</b>	0.0500	0	104.4	85	115	08/08/2023	
Boron		0.0200		<b>0.520</b>	0.5000	0	104.0	85	115	08/08/2023	
Boron		0.0200		<b>0.496</b>	0.5000	0	99.3	85	115	08/07/2023	
Cadmium		0.0020		<b>0.0509</b>	0.0500	0	101.8	85	115	08/07/2023	
Calcium		0.100		<b>2.64</b>	2.500	0	105.7	85	115	08/08/2023	
Calcium		0.100		<b>2.56</b>	2.500	0	102.5	85	115	08/07/2023	
Chromium		0.0050		<b>0.206</b>	0.2000	0	103.1	85	115	08/08/2023	
Cobalt		0.0050		<b>0.522</b>	0.5000	0	104.4	85	115	08/08/2023	
Iron		0.0400		<b>2.14</b>	2.000	0	107.0	85	115	08/08/2023	
Lead		0.0150		<b>0.526</b>	0.5000	0	105.2	85	115	08/08/2023	
Magnesium		0.0500		<b>2.51</b>	2.500	0	100.4	85	115	08/07/2023	
Manganese		0.0070		<b>0.504</b>	0.5000	0	100.7	85	115	08/08/2023	
Molybdenum		0.0100		<b>0.484</b>	0.5000	0	96.7	85	115	08/07/2023	
Molybdenum		0.0100		<b>0.506</b>	0.5000	0	101.2	85	115	08/08/2023	
Potassium		0.100		<b>2.77</b>	2.500	0	111.0	85	115	08/07/2023	
Potassium		0.100		<b>2.69</b>	2.500	0	107.4	85	115	08/08/2023	
Selenium		0.0400		<b>0.513</b>	0.5000	0	102.5	85	115	08/07/2023	
Selenium		0.0400		<b>0.537</b>	0.5000	0	107.4	85	115	08/08/2023	
Silicon	*	0.0500	B	<b>0.488</b>	0.5000	0	97.7	85	115	08/08/2023	
Sodium		0.0500		<b>2.53</b>	2.500	0	101.3	85	115	08/08/2023	
Sodium		0.0500		<b>2.51</b>	2.500	0	100.4	85	115	08/07/2023	
Thallium		0.0500		<b>0.241</b>	0.2500	0	96.3	85	115	08/07/2023	
Thallium		0.0500		<b>0.264</b>	0.2500	0	105.6	85	115	08/08/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210442		SampType: MS		Units mg/L							
SampID: 23071339-038CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100	S	219	2.500	215.0	175.6	75	125	08/07/2023	
Magnesium		0.0500	S	96.7	2.500	92.88	152.7	75	125	08/07/2023	
Silicon	*	0.500	BS	75.9	0.5000	75.78	15.0	75	125	08/07/2023	
Sodium		0.0500		46.4	2.500	43.36	123.6	75	125	08/07/2023	

Batch 210442		SampType: MSD		Units mg/L							RPD Limit 20	
SampID: 23071339-038CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Calcium		0.100	S	215	2.500	215.0	-2.4	219.4	2.05	08/07/2023		
Magnesium		0.0500	S	94.5	2.500	92.88	64.7	96.70	2.30	08/07/2023		
Silicon	*	0.500	BS	74.7	0.5000	75.78	-222.2	75.86	1.58	08/07/2023		
Sodium		0.0500		45.4	2.500	43.36	82.4	46.45	2.24	08/07/2023		

Batch 210625		SampType: MBLK		Units mg/L							
SampID: MBLK-210625											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	08/14/2023	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/10/2023	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/14/2023	
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/10/2023	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/10/2023	
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/10/2023	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/10/2023	
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	08/14/2023	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/10/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210625		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-210625											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0200		<b>0.484</b>	0.5000	0	96.8	85	115	08/14/2023	
Calcium		0.100		<b>2.53</b>	2.500	0	101.1	85	115	08/14/2023	
Calcium		0.100		<b>2.45</b>	2.500	0	98.2	85	115	08/10/2023	
Iron		0.0400		<b>1.93</b>	2.000	0	96.7	85	115	08/10/2023	
Magnesium		0.0500		<b>2.30</b>	2.500	0	92.2	85	115	08/10/2023	
Manganese		0.0070		<b>0.465</b>	0.5000	0	92.9	85	115	08/10/2023	
Potassium		0.100		<b>2.54</b>	2.500	0	101.7	85	115	08/10/2023	
Silicon	*	0.0500		<b>0.528</b>	0.5000	0	105.5	85	115	08/14/2023	
Sodium		0.0500		<b>2.37</b>	2.500	0	94.8	85	115	08/10/2023	

Batch 210625		SampType: LCSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: LCSD-210625												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Boron		0.0200		<b>0.472</b>	0.5000	0	94.5	0.4840	2.40	08/14/2023		
Calcium		0.100		<b>2.47</b>	2.500	0	98.6	2.528	2.48	08/14/2023		
Calcium		0.100		<b>2.45</b>	2.500	0	98.0	2.454	0.20	08/10/2023		
Iron		0.0400		<b>1.90</b>	2.000	0	95.1	1.934	1.63	08/10/2023		
Magnesium		0.0500		<b>2.29</b>	2.500	0	91.7	2.304	0.53	08/10/2023		
Manganese		0.0070		<b>0.460</b>	0.5000	0	92.0	0.4646	1.04	08/10/2023		
Potassium		0.100		<b>2.52</b>	2.500	0	101.0	2.542	0.73	08/10/2023		
Silicon	*	0.0500		<b>0.511</b>	0.5000	0	102.3	0.5275	3.12	08/14/2023		
Sodium		0.0500		<b>2.35</b>	2.500	0	93.9	2.371	0.99	08/10/2023		

Batch 210625		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-008CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0400		<b>1.88</b>	2.000	0.06740	90.4	75	125	08/11/2023	
Manganese		0.0070		<b>1.07</b>	0.5000	0.6331	87.8	75	125	08/11/2023	

Batch 210625		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 23071339-008CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Iron		0.0400		<b>1.88</b>	2.000	0.06740	90.4	1.876	0.01	08/11/2023		
Manganese		0.0070		<b>1.08</b>	0.5000	0.6331	88.7	1.072	0.45	08/11/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210667		SampType: MBLK		Units mg/L						
SampID: MBLK-210667										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/10/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/10/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/10/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	08/10/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/10/2023

Batch 210667		SampType: LCS		Units mg/L						
SampID: LCS-210667										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.46	2.500	0	98.2	85	115	08/10/2023
Magnesium		0.0500		2.21	2.500	0	88.3	85	115	08/10/2023
Potassium		0.100		2.56	2.500	0	102.5	85	115	08/10/2023
Silicon	*	0.0500		0.452	0.5000	0	90.4	85	115	08/10/2023
Sodium		0.0500		2.43	2.500	0	97.1	85	115	08/10/2023

Batch 210667		SampType: MS		Units mg/L						
SampID: 23071339-038CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Potassium		0.200		15.9	5.000	11.64	85.8	75	125	08/10/2023

Batch 210667		SampType: MSD		Units mg/L							RPD Limit 20
SampID: 23071339-038CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Potassium		0.200		15.4	5.000	11.64	76.0	15.93	3.10	08/10/2023	

Batch 210926		SampType: MBLK		Units mg/L						
SampID: MBLK-210926										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/17/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/17/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/17/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/17/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	08/17/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/17/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210926		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-210926											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		2.49	2.500	0	99.6	85	115	08/17/2023	
Calcium		0.100		2.59	2.500	0	103.7	85	115	08/17/2023	
Magnesium		0.0500		2.39	2.500	0	95.6	85	115	08/17/2023	
Potassium		0.100		2.70	2.500	0	108.1	85	115	08/17/2023	
Silicon	*	0.0500		0.529	0.5000	0	105.7	85	115	08/17/2023	
Sodium		0.0500		2.53	2.500	0	101.4	85	115	08/17/2023	

Batch 210926		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-045CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100	S	148	2.500	143.2	172.0	75	125	08/17/2023	
Magnesium		0.0500		58.9	2.500	56.06	112.2	75	125	08/17/2023	
Potassium		0.100		3.22	2.500	0.4691	110.0	75	125	08/17/2023	
Silicon	*	0.0500	S	19.3	0.5000	18.32	191.4	75	125	08/18/2023	
Sodium		0.0500	S	46.0	2.500	42.48	138.8	75	125	08/17/2023	

Batch 210926		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 23071339-045CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Calcium		0.100	S	148	2.500	143.2	205.6	147.6	0.57	08/17/2023		
Magnesium		0.0500	S	59.4	2.500	56.06	133.3	58.87	0.89	08/17/2023		
Potassium		0.100		3.22	2.500	0.4691	110.2	3.219	0.16	08/17/2023		
Silicon	*	0.0500	S	19.1	0.5000	18.32	154.9	19.27	0.95	08/18/2023		
Sodium		0.0500	S	45.6	2.500	42.48	125.2	45.95	0.74	08/17/2023		

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

Batch 210445		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-210445											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/14/2023	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/14/2023	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/14/2023	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/14/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210445		SampType: LCS		Units mg/L						
SampID: LCS-210445										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		<b>1.93</b>	2.000	0	96.7	80	120	09/14/2023
Boron		0.0250		<b>0.460</b>	0.5000	0	91.9	80	120	09/14/2023
Iron		0.0250		<b>1.99</b>	2.000	0	99.7	80	120	09/14/2023
Manganese		0.0020		<b>0.497</b>	0.5000	0	99.4	80	120	09/14/2023

Batch 210445		SampType: MS		Units mg/L						
SampID: 23071339-002DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		<b>0.687</b>	0.5000	0.2427	88.8	75	125	09/14/2023
Iron		0.0250		<b>2.75</b>	2.000	0.7976	97.7	75	125	09/14/2023
Manganese		0.0020		<b>1.70</b>	0.5000	1.226	94.3	75	125	09/14/2023

Batch 210445		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 23071339-002DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		<b>0.685</b>	0.5000	0.2427	88.4	0.6869	0.32	09/14/2023
Iron		0.0250		<b>2.73</b>	2.000	0.7976	96.5	2.752	0.90	09/14/2023
Manganese		0.0020		<b>1.70</b>	0.5000	1.226	94.0	1.698	0.11	09/14/2023

Batch 210445		SampType: MS		Units mg/L						
SampID: 23071339-025DMS										
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	0.01533	90.5	75	125	09/14/2023
Iron		0.0250		<b>1.80</b>	2.000	0.01580	89.3	75	125	09/14/2023
Manganese		0.0020		<b>0.445</b>	0.5000	0.003452	88.4	75	125	09/14/2023

Batch 210445		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 23071339-025DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		<b>1.83</b>	2.000	0.01533	90.7	1.826	0.19	09/14/2023
Iron		0.0250		<b>1.84</b>	2.000	0.01580	91.4	1.803	2.31	09/14/2023
Manganese		0.0020		<b>0.448</b>	0.5000	0.003452	89.0	0.4453	0.68	09/14/2023





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210446		SampType: MBLK		Units mg/L						
SampID: MBLK-210446										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/10/2023
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/10/2023
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/10/2023
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/10/2023

Batch 210446		SampType: LCS		Units mg/L						
SampID: LCS-210446										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.98	2.000	0	99.2	80	120	09/11/2023
Boron		0.0250		0.458	0.5000	0	91.6	80	120	09/11/2023
Iron		0.0250		2.00	2.000	0	100.1	80	120	09/11/2023
Manganese		0.0020		0.549	0.5000	0	109.8	80	120	09/13/2023

Batch 210446		SampType: MS		Units mg/L						
SampID: 23071339-037DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.04	2.000	0.03191	100.5	75	125	09/14/2023
Iron		0.0250		2.47	2.000	0.3519	105.8	75	125	09/14/2023
Manganese		0.0020		0.724	0.5000	0.1413	116.5	75	125	09/14/2023

Batch 210446		SampType: MSD		Units mg/L							RPD Limit 20
SampID: 23071339-037DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		2.00	2.000	0.03191	98.6	2.041	1.86	09/14/2023	
Iron		0.0250		2.41	2.000	0.3519	103.0	2.469	2.35	09/14/2023	
Manganese		0.0020		0.701	0.5000	0.1413	112.0	0.7238	3.15	09/14/2023	

Batch 210663		SampType: MBLK		Units mg/L						
SampID: MBLK-210663										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/14/2023
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/14/2023
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/14/2023
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/14/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210663 SampType: LCS Units mg/L

SampID: LCS-210663

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		<b>1.95</b>	2.000	0	97.4	80	120	09/14/2023
Boron		0.0250		<b>0.467</b>	0.5000	0	93.4	80	120	09/14/2023
Iron		0.0250		<b>2.12</b>	2.000	0	105.9	80	120	09/14/2023
Manganese		0.0020		<b>0.516</b>	0.5000	0	103.2	80	120	09/14/2023

Batch 210663 SampType: MS Units mg/L

SampID: 23071339-017DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		<b>0.457</b>	0.5000	0.02681	86.1	75	125	09/15/2023
Iron		0.0250		<b>1.89</b>	2.000	0.07481	90.8	75	125	09/15/2023
Manganese		0.0020		<b>0.462</b>	0.5000	0.002640	91.9	75	125	09/15/2023

Batch 210663 SampType: MSD Units mg/L

SampID: 23071339-017DMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		<b>0.477</b>	0.5000	0.02681	89.9	0.4571	4.17	09/15/2023
Iron		0.0250		<b>1.95</b>	2.000	0.07481	93.6	1.891	2.95	09/15/2023
Manganese		0.0020		<b>0.475</b>	0.5000	0.002640	94.5	0.4621	2.74	09/15/2023

Batch 210928 SampType: MBLK Units mg/L

SampID: MBLK-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< <b>0.0250</b>	0.0125	0	0	-100	100	09/08/2023
Boron		0.0250		< <b>0.0250</b>	0.0093	0	0	-100	100	09/08/2023
Iron		0.0250		< <b>0.0250</b>	0.0115	0	0	-100	100	09/08/2023
Manganese		0.0020		< <b>0.0020</b>	0.0008	0	0	-100	100	09/08/2023

Batch 210928 SampType: LCS Units mg/L

SampID: LCS-210928

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		<b>2.07</b>	2.000	0	103.3	80	120	09/08/2023
Boron		0.0250		<b>0.484</b>	0.5000	0	96.7	80	120	09/08/2023
Iron		0.0250		<b>1.98</b>	2.000	0	98.9	80	120	09/08/2023
Manganese		0.0020		<b>0.506</b>	0.5000	0	101.1	80	120	09/08/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441 SampType: MBLK Units mg/L  
SampID: MBLK-210441

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/10/2023
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	08/08/2023
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	09/10/2023
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	09/10/2023
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	09/10/2023
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/10/2023
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	09/10/2023
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	09/10/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/08/2023
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/10/2023
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	09/10/2023
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/08/2023
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/10/2023
Molybdenum	*	0.0015		< 0.0015	0.0006	0	0	-100	100	09/14/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/08/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/08/2023

Batch 210441 SampType: LCS Units mg/L  
SampID: LCS-210441

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.06	2.000	0	103.1	80	120	09/10/2023
Antimony		0.0010		0.492	0.5000	0	98.4	80	120	08/08/2023
Arsenic		0.0010		0.536	0.5000	0	107.2	80	120	09/10/2023
Barium		0.0010		2.24	2.000	0	112.1	80	120	09/10/2023
Beryllium		0.0010		0.0450	0.0500	0	90.0	80	120	09/10/2023
Boron		0.0250		0.473	0.5000	0	94.6	80	120	09/10/2023
Cadmium		0.0010		0.0520	0.0500	0	104.1	80	120	09/10/2023
Chromium		0.0015		0.203	0.2000	0	101.3	80	120	09/10/2023
Cobalt		0.0010		0.496	0.5000	0	99.3	80	120	08/08/2023
Iron		0.0250		1.99	2.000	0	99.3	80	120	09/10/2023
Lead		0.0010		0.550	0.5000	0	110.0	80	120	09/10/2023
Lithium	*	0.0030		0.460	0.5000	0	92.1	80	120	08/08/2023
Manganese		0.0020		0.512	0.5000	0	102.4	80	120	09/10/2023
Molybdenum	*	0.0015		0.512	0.5000	0	102.4	80	120	09/14/2023
Selenium		0.0010		0.475	0.5000	0	94.9	80	120	08/08/2023
Thallium		0.0020		0.245	0.2500	0	98.1	80	120	08/08/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-010CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		<b>2.02</b>	2.000	0.05963	98.0	75	125	09/14/2023	
Antimony		0.0010		<b>0.500</b>	0.5000	0	100.0	75	125	08/08/2023	
Arsenic		0.0010		<b>0.524</b>	0.5000	0.001397	104.6	75	125	09/14/2023	
Barium		0.0010		<b>2.14</b>	2.000	0.07356	103.1	75	125	09/14/2023	
Beryllium		0.0010		<b>0.0483</b>	0.0500	0	96.5	75	125	09/14/2023	
Boron		0.0250		<b>0.543</b>	0.5000	0.05054	98.5	75	125	09/14/2023	
Cadmium		0.0010		<b>0.0495</b>	0.0500	0	99.0	75	125	09/14/2023	
Chromium		0.0015		<b>0.197</b>	0.2000	0	98.7	75	125	09/14/2023	
Cobalt		0.0010		<b>0.490</b>	0.5000	0.0006342	97.8	75	125	08/08/2023	
Iron		0.0250		<b>2.80</b>	2.000	0.7916	100.6	75	125	09/14/2023	
Lead		0.0010		<b>0.502</b>	0.5000	0	100.5	75	125	09/14/2023	
Lithium	*	0.0030		<b>0.489</b>	0.5000	0.004501	96.9	75	125	08/08/2023	
Manganese		0.0020		<b>0.809</b>	0.5000	0.3327	95.2	75	125	09/14/2023	
Molybdenum	*	0.0015		<b>0.491</b>	0.5000	0.0008085	98.1	75	125	09/14/2023	
Selenium		0.0010		<b>0.471</b>	0.5000	0	94.2	75	125	08/08/2023	
Thallium		0.0020		<b>0.244</b>	0.2500	0	97.4	75	125	08/08/2023	

Batch 210441		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 23071339-010CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aluminum		0.0250		<b>2.02</b>	2.000	0.05963	97.9	2.020	0.07	09/14/2023		
Antimony		0.0010		<b>0.508</b>	0.5000	0	101.7	0.5001	1.67	08/08/2023		
Arsenic		0.0010		<b>0.533</b>	0.5000	0.001397	106.3	0.5242	1.66	09/14/2023		
Barium		0.0010		<b>2.15</b>	2.000	0.07356	103.9	2.136	0.76	09/14/2023		
Beryllium		0.0010		<b>0.0480</b>	0.0500	0	96.0	0.04827	0.57	09/14/2023		
Boron		0.0250		<b>0.543</b>	0.5000	0.05054	98.6	0.5431	0.05	09/14/2023		
Cadmium		0.0010		<b>0.0494</b>	0.0500	0	98.7	0.04951	0.29	09/14/2023		
Chromium		0.0015		<b>0.203</b>	0.2000	0	101.7	0.1974	2.97	09/14/2023		
Cobalt		0.0010		<b>0.483</b>	0.5000	0.0006342	96.5	0.4895	1.36	08/08/2023		
Iron		0.0250		<b>2.83</b>	2.000	0.7916	101.9	2.804	0.89	09/14/2023		
Lead		0.0010		<b>0.509</b>	0.5000	0	101.9	0.5025	1.38	09/14/2023		
Lithium	*	0.0030		<b>0.480</b>	0.5000	0.004501	95.2	0.4891	1.81	08/08/2023		
Manganese		0.0020		<b>0.830</b>	0.5000	0.3327	99.4	0.8086	2.58	09/14/2023		
Molybdenum	*	0.0015		<b>0.507</b>	0.5000	0.0008085	101.3	0.4913	3.18	09/14/2023		
Selenium		0.0010		<b>0.483</b>	0.5000	0	96.6	0.4709	2.55	08/08/2023		
Thallium		0.0020		<b>0.247</b>	0.2500	0	98.9	0.2436	1.49	08/08/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210441		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-027CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		2.21	2.000	0.2159	99.7	75	125	09/14/2023	
Antimony		0.0010		0.510	0.5000	0	102.1	75	125	08/08/2023	
Arsenic		0.0010		0.513	0.5000	0	102.7	75	125	09/14/2023	
Barium		0.0010		2.09	2.000	0.02870	103.3	75	125	09/14/2023	
Beryllium		0.0010		0.0482	0.0500	0	96.5	75	125	09/15/2023	
Boron		0.0250		1.96	0.5000	1.471	97.6	75	125	09/14/2023	
Cadmium		0.0010		0.0481	0.0500	0	96.3	75	125	09/14/2023	
Chromium		0.0015		0.194	0.2000	0	96.9	75	125	09/14/2023	
Cobalt		0.0010		0.495	0.5000	0	99.1	75	125	08/08/2023	
Iron		0.0250		2.03	2.000	0.1167	95.4	75	125	09/14/2023	
Lead		0.0010		0.509	0.5000	0	101.8	75	125	09/14/2023	
Lithium	*	0.0030		0.524	0.5000	0.04253	96.3	75	125	08/08/2023	
Manganese		0.0020		0.495	0.5000	0.01796	95.3	75	125	09/14/2023	
Molybdenum	*	0.0015		0.548	0.5000	0.01382	106.8	75	125	09/15/2023	
Selenium		0.0010		0.491	0.5000	0	98.1	75	125	08/08/2023	
Thallium		0.0020		0.252	0.2500	0	100.7	75	125	08/08/2023	

Batch 210441		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 23071339-027CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aluminum		0.0250		2.19	2.000	0.2159	98.6	2.211	1.07	09/14/2023		
Antimony		0.0010		0.495	0.5000	0	99.0	0.5104	3.03	08/08/2023		
Arsenic		0.0010		0.529	0.5000	0	105.8	0.5133	3.05	09/14/2023		
Barium		0.0010		2.11	2.000	0.02870	104.1	2.094	0.85	09/14/2023		
Beryllium		0.0010		0.0477	0.0500	0	95.4	0.04824	1.16	09/15/2023		
Boron		0.0250		1.97	0.5000	1.471	99.5	1.959	0.49	09/14/2023		
Cadmium		0.0010		0.0499	0.0500	0	99.9	0.04814	3.64	09/14/2023		
Chromium		0.0015		0.192	0.2000	0	96.0	0.1939	0.98	09/14/2023		
Cobalt		0.0010		0.478	0.5000	0	95.5	0.4954	3.67	08/08/2023		
Iron		0.0250		2.08	2.000	0.1167	98.0	2.026	2.46	09/14/2023		
Lead		0.0010		0.510	0.5000	0	102.0	0.5091	0.18	09/14/2023		
Lithium	*	0.0030		0.503	0.5000	0.04253	92.1	0.5239	4.09	08/08/2023		
Manganese		0.0020		0.499	0.5000	0.01796	96.2	0.4946	0.91	09/14/2023		
Molybdenum	*	0.0015		0.558	0.5000	0.01382	108.9	0.5479	1.87	09/15/2023		
Selenium		0.0010		0.479	0.5000	0	95.9	0.4905	2.28	08/08/2023		
Thallium		0.0020		0.244	0.2500	0	97.4	0.2518	3.34	08/08/2023		



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210442 SampType: MBLK Units mg/L  
SampID: MBLK-210442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/10/2023
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	08/08/2023
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	09/10/2023
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	09/10/2023
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	09/10/2023
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/10/2023
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	09/10/2023
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	09/10/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/08/2023
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/10/2023
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	09/10/2023
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/08/2023
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/10/2023
Molybdenum	*	0.0015		< 0.0015	0.0006	0	0	-100	100	09/15/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/08/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/08/2023

Batch 210442 SampType: LCS Units mg/L  
SampID: LCS-210442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.09	2.000	0	104.6	80	120	09/10/2023
Antimony		0.0010		0.520	0.5000	0	103.9	85	115	08/08/2023
Arsenic		0.0010		0.545	0.5000	0	109.1	80	120	09/10/2023
Barium		0.0010		2.21	2.000	0	110.7	80	120	09/10/2023
Beryllium		0.0010		0.0466	0.0500	0	93.2	80	120	09/10/2023
Boron		0.0250		0.493	0.5000	0	98.5	80	120	09/10/2023
Cadmium		0.0010		0.0514	0.0500	0	102.8	80	120	09/10/2023
Chromium		0.0015		0.206	0.2000	0	102.8	80	120	09/10/2023
Cobalt		0.0010		0.509	0.5000	0	101.7	85	115	08/08/2023
Iron		0.0250		2.05	2.000	0	102.3	80	120	09/10/2023
Lead		0.0010		0.557	0.5000	0	111.4	80	120	09/10/2023
Lithium	*	0.0030		0.478	0.5000	0	95.7	85	115	08/08/2023
Manganese		0.0020		0.524	0.5000	0	104.8	80	120	09/10/2023
Molybdenum	*	0.0015		0.543	0.5000	0	108.6	80	120	09/15/2023
Selenium		0.0010		0.503	0.5000	0	100.6	85	115	08/08/2023
Thallium		0.0020		0.244	0.2500	0	97.7	85	115	08/08/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210442		SampType: MS		Units mg/L							
SampID: 23071339-038CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250	S	<b>65.5</b>	2.000	55.99	477.1	75	125	09/14/2023	
Arsenic		0.0010		<b>0.442</b>	0.5000	0.02534	83.3	75	125	09/14/2023	
Barium		0.0100		<b>2.36</b>	2.000	0.3660	99.6	75	125	09/15/2023	
Beryllium		0.0010		<b>0.0451</b>	0.0500	0.003291	83.6	75	125	09/15/2023	
Boron		0.0250		<b>0.848</b>	0.5000	0.4258	84.5	75	125	09/14/2023	
Cadmium		0.0010		<b>0.0475</b>	0.0500	0.001461	92.1	75	125	09/14/2023	
Chromium		0.0015		<b>0.281</b>	0.2000	0.1007	90.2	75	125	09/14/2023	
Cobalt		0.0010		<b>0.465</b>	0.5000	0.04747	83.6	75	125	08/11/2023	
Iron		0.250		<b>123</b>	2.000	120.2	122.2	75	125	09/15/2023	
Lead		0.0100		<b>0.599</b>	0.5000	0.07534	104.8	75	125	09/15/2023	
Lithium	*	0.0030		<b>0.472</b>	0.5000	0.06174	82.0	75	125	08/08/2023	
Manganese		0.0200		<b>3.01</b>	0.5000	2.510	100.1	75	125	09/15/2023	
Molybdenum	*	0.0015	S	<b>0.371</b>	0.5000	0.002449	73.6	75	125	09/15/2023	
Selenium		0.0010		<b>0.376</b>	0.5000	0	75.1	75	125	08/11/2023	

Batch 210442		SampType: MSD		Units mg/L							
SampID: 23071339-038CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250	S	<b>63.4</b>	2.000	55.99	371.2	65.53	3.29	09/14/2023	
Arsenic		0.0010		<b>0.432</b>	0.5000	0.02534	81.3	0.4416	2.20	09/14/2023	
Barium		0.0100		<b>2.40</b>	2.000	0.3660	101.6	2.358	1.69	09/15/2023	
Beryllium		0.0010		<b>0.0457</b>	0.0500	0.003291	84.7	0.04508	1.28	09/15/2023	
Boron		0.0250		<b>0.838</b>	0.5000	0.4258	82.4	0.8483	1.26	09/14/2023	
Cadmium		0.0010		<b>0.0476</b>	0.0500	0.001461	92.2	0.04752	0.09	09/14/2023	
Chromium		0.0015		<b>0.271</b>	0.2000	0.1007	85.4	0.2812	3.52	09/14/2023	
Cobalt		0.0010		<b>0.469</b>	0.5000	0.04747	84.3	0.4655	0.73	08/11/2023	
Iron		0.250		<b>122</b>	2.000	120.2	81.4	122.6	0.67	09/15/2023	
Lead		0.0100		<b>0.588</b>	0.5000	0.07534	102.4	0.5995	2.01	09/15/2023	
Lithium	*	0.0030		<b>0.470</b>	0.5000	0.06174	81.6	0.4715	0.39	08/08/2023	
Manganese		0.0200		<b>3.02</b>	0.5000	2.510	102.6	3.010	0.41	09/15/2023	
Molybdenum	*	0.0015	S	<b>0.376</b>	0.5000	0.002449	74.7	0.3706	1.36	09/15/2023	
Selenium		0.0010		<b>0.375</b>	0.5000	0	75.1	0.3757	0.08	08/11/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210625 SampType: MBLK Units mg/L

SampID: MBLK-210625

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0125	0	0	-100	100	09/15/2023
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	08/11/2023
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/11/2023
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	09/15/2023
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	09/15/2023
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	09/15/2023
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	09/15/2023
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	09/15/2023
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	09/15/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/11/2023
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/15/2023
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	09/15/2023
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/11/2023
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	09/15/2023
Molybdenum	*	0.0015		< 0.0015	0.0006	0	0	-100	100	09/15/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/11/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/11/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210625		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-210625											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		2.21	2.000	0	110.4	80	120	09/15/2023	
Antimony		0.0010		0.498	0.5000	0	99.6	85	115	08/11/2023	
Arsenic		0.0010		0.553	0.5000	0	110.7	80	120	09/15/2023	
Arsenic		0.0010		0.517	0.5000	0	103.4	85	115	08/11/2023	
Barium		0.0010		2.30	2.000	0	114.9	80	120	09/15/2023	
Beryllium		0.0010		0.0524	0.0500	0	104.7	80	120	09/15/2023	
Boron		0.0250		0.520	0.5000	0	104.0	80	120	09/15/2023	
Cadmium		0.0010		0.0547	0.0500	0	109.4	80	120	09/15/2023	
Chromium		0.0015		0.215	0.2000	0	107.7	80	120	09/15/2023	
Cobalt		0.0010		0.496	0.5000	0	99.1	85	115	08/11/2023	
Iron		0.0250		2.23	2.000	0	111.5	80	120	09/15/2023	
Lead		0.0010		0.539	0.5000	0	107.8	80	120	09/15/2023	
Lithium	*	0.0030		0.472	0.5000	0	94.4	85	115	08/11/2023	
Manganese		0.0020		0.559	0.5000	0	111.7	80	120	09/15/2023	
Molybdenum	*	0.0015		0.541	0.5000	0	108.2	80	120	09/15/2023	
Selenium		0.0010		0.482	0.5000	0	96.4	85	115	08/11/2023	
Thallium		0.0020		0.242	0.2500	0	97.0	85	115	08/11/2023	

Batch 210625		SampType: LCSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: LCSD-210625												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010		0.512	0.5000	0	102.4	0.4978	2.84	08/11/2023		
Arsenic		0.0010		0.534	0.5000	0	106.8	0.5169	3.24	08/11/2023		
Cobalt		0.0010		0.494	0.5000	0	98.9	0.4956	0.26	08/11/2023		
Lithium	*	0.0030		0.473	0.5000	0	94.7	0.4721	0.28	08/11/2023		
Selenium		0.0010		0.477	0.5000	0	95.4	0.4818	1.06	08/11/2023		
Thallium		0.0020		0.246	0.2500	0	98.4	0.2424	1.52	08/11/2023		

Batch 210625		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-008CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		1.96	2.000	0.07683	94.3	75	125	09/15/2023	
Manganese		0.0020		1.17	0.5000	0.7263	88.2	75	125	09/15/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210625		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 23071339-008CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Iron		0.0250		<b>2.04</b>	2.000	0.07683	98.0	1.962	3.70	09/15/2023	
Manganese		0.0020		<b>1.18</b>	0.5000	0.7263	91.1	1.167	1.21	09/15/2023	

### Batch 210667 SampType: MBLK Units mg/L

SampID: MBLK-210667										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< <b>0.0250</b>	0.0125	0	0	-100	100	09/10/2023
Antimony		0.0010		< <b>0.0010</b>	0.0004	0	0	-100	100	08/16/2023
Arsenic		0.0010		< <b>0.0010</b>	0.0004	0	0	-100	100	09/10/2023
Barium		0.0010		< <b>0.0010</b>	0.0007	0	0	-100	100	09/10/2023
Beryllium		0.0010		< <b>0.0010</b>	0.0002	0	0	-100	100	09/10/2023
Boron		0.0250		< <b>0.0250</b>	0.0093	0	0	-100	100	09/10/2023
Cadmium		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	09/10/2023
Chromium		0.0015		< <b>0.0015</b>	0.0007	0	0	-100	100	09/10/2023
Iron		0.0250		< <b>0.0250</b>	0.0115	0	0	-100	100	09/10/2023
Lead		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	09/10/2023
Manganese		0.0020		< <b>0.0020</b>	0.0008	0	0	-100	100	09/10/2023
Molybdenum	*	0.0015		< <b>0.0015</b>	0.0006	0	0	-100	100	09/10/2023
Thallium		0.0020		< <b>0.0020</b>	0.0010	0	0	-100	100	08/16/2023

### Batch 210667 SampType: LCS Units mg/L

SampID: LCS-210667										
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	101.9	80	120	09/10/2023
Antimony		0.0010		<b>0.495</b>	0.5000	0	99.0	80	120	08/16/2023
Arsenic		0.0010		<b>0.514</b>	0.5000	0	102.9	80	120	09/10/2023
Barium		0.0010		<b>2.18</b>	2.000	0	109.0	80	120	09/10/2023
Beryllium		0.0010		<b>0.0452</b>	0.0500	0	90.3	80	120	09/10/2023
Boron		0.0250		<b>0.465</b>	0.5000	0	93.0	80	120	09/10/2023
Cadmium		0.0010		<b>0.0495</b>	0.0500	0	99.1	80	120	09/10/2023
Chromium		0.0015		<b>0.201</b>	0.2000	0	100.5	80	120	09/10/2023
Iron		0.0250		<b>2.02</b>	2.000	0	101.1	80	120	09/10/2023
Lead		0.0010		<b>0.544</b>	0.5000	0	108.8	80	120	09/10/2023
Manganese		0.0020		<b>0.509</b>	0.5000	0	101.9	80	120	09/10/2023
Molybdenum	*	0.0015		<b>0.484</b>	0.5000	0	96.8	80	120	09/10/2023
Thallium		0.0020		<b>0.240</b>	0.2500	0	96.0	80	120	08/16/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210667		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-038CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010	S	<b>0.581</b>	1.000	0.0005922	58.1	75	125	08/16/2023	
Thallium		0.0020		<b>0.423</b>	0.5000	0	84.6	75	125	08/16/2023	

Batch 210667		SampType: MSD		Units mg/L							RPD Limit 20	Date Analyzed
SampID: 23071339-038CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Antimony		0.0010	S	<b>0.587</b>	1.000	0.0005922	58.7	0.5811	1.06	08/16/2023		
Thallium		0.0020		<b>0.426</b>	0.5000	0	85.1	0.4230	0.64	08/16/2023		

Batch 210926		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-210926											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		< <b>0.0250</b>	0.0125	0	0	-100	100	09/10/2023	
Antimony		0.0010		< <b>0.0010</b>	0.0008	0	0	-100	100	08/30/2023	
Arsenic		0.0010		< <b>0.0010</b>	0.0004	0	0	-100	100	09/10/2023	
Barium		0.0010		< <b>0.0010</b>	0.0007	0	0	-100	100	09/10/2023	
Beryllium		0.0010		< <b>0.0010</b>	0.0002	0	0	-100	100	09/10/2023	
Boron		0.0250		< <b>0.0250</b>	0.0093	0	0	-100	100	09/10/2023	
Cadmium		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	09/10/2023	
Chromium		0.0015		< <b>0.0015</b>	0.0007	0	0	-100	100	09/10/2023	
Cobalt		0.0010		< <b>0.0010</b>	0.0001	0	0	-100	100	08/30/2023	
Iron		0.0250		< <b>0.0250</b>	0.0115	0	0	-100	100	09/10/2023	
Lead		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	09/10/2023	
Lithium	*	0.0030		< <b>0.0030</b>	0.0015	0	0	-100	100	08/30/2023	
Manganese		0.0020		< <b>0.0020</b>	0.0008	0	0	-100	100	09/10/2023	
Molybdenum	*	0.0015		< <b>0.0015</b>	0.0006	0	0	-100	100	09/11/2023	
Selenium		0.0010		< <b>0.0010</b>	0.0006	0	0	-100	100	08/30/2023	
Thallium		0.0020		< <b>0.0020</b>	0.0010	0	0	-100	100	08/30/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210926		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-210926											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		1.90	2.000	0	95.2	80	120	09/13/2023	
Antimony		0.0010		0.502	0.5000	0	100.3	80	120	08/30/2023	
Arsenic		0.0010		0.554	0.5000	0	110.9	80	120	09/13/2023	
Barium		0.0010		2.24	2.000	0	112.1	80	120	09/13/2023	
Beryllium		0.0010		0.0468	0.0500	0	93.6	80	120	09/13/2023	
Boron		0.0250		0.595	0.5000	0	119.0	80	120	09/10/2023	
Cadmium		0.0010		0.0517	0.0500	0	103.4	80	120	09/13/2023	
Chromium		0.0015		0.216	0.2000	0	107.8	80	120	09/13/2023	
Cobalt		0.0010		0.568	0.5000	0	113.5	80	120	08/30/2023	
Iron		0.0250		2.17	2.000	0	108.5	80	120	09/13/2023	
Lithium	*	0.0030		0.505	0.5000	0	101.1	80	120	08/31/2023	
Manganese		0.0020		0.555	0.5000	0	111.0	80	120	09/13/2023	
Molybdenum	*	0.0015		0.517	0.5000	0	103.3	80	120	09/13/2023	
Selenium		0.0010		0.480	0.5000	0	96.0	80	120	08/30/2023	
Thallium		0.0020		0.255	0.2500	0	102.0	80	120	08/30/2023	

Batch 210926		SampType: MS		Units mg/L							Date Analyzed
SampID: 23071339-045CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aluminum		0.0250		2.02	2.000	0.06435	97.9	75	125	09/13/2023	
Antimony		0.0010		0.512	0.5000	0	102.5	75	125	08/30/2023	
Arsenic		0.0010		0.557	0.5000	0	111.5	75	125	09/13/2023	
Barium		0.0010		2.31	2.000	0.07119	111.8	75	125	09/13/2023	
Beryllium		0.0010		0.0507	0.0500	0	101.4	75	125	09/13/2023	
Boron		0.0250		1.02	0.5000	0.4759	108.0	75	125	08/31/2023	
Cadmium		0.0010		0.0502	0.0500	0	100.4	75	125	09/13/2023	
Chromium		0.0015		0.215	0.2000	0	107.3	75	125	09/13/2023	
Cobalt		0.0010		0.501	0.5000	0.0003000	100.2	75	125	08/30/2023	
Iron		0.0250		2.26	2.000	0.1196	107.0	75	125	09/13/2023	
Lead		0.0010		0.540	0.5000	0	108.0	75	125	09/13/2023	
Lithium	*	0.0030		0.556	0.5000	0.01555	108.2	75	125	08/31/2023	
Manganese		0.0020		0.848	0.5000	0.3459	100.3	75	125	08/31/2023	
Molybdenum	*	0.0015		0.516	0.5000	0	103.3	75	125	09/13/2023	
Selenium		0.0010		0.485	0.5000	0	97.1	75	125	08/30/2023	
Thallium		0.0020		0.256	0.2500	0	102.5	75	125	08/30/2023	



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

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

Batch 210926		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 23071339-045CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		1.99	2.000	0.06435	96.3	2.023	1.66	09/13/2023	
Antimony		0.0010		0.505	0.5000	0	101.0	0.5125	1.47	08/30/2023	
Arsenic		0.0010		0.539	0.5000	0	107.8	0.5575	3.38	09/13/2023	
Barium		0.0010		2.31	2.000	0.07119	112.0	2.308	0.14	09/13/2023	
Beryllium		0.0010		0.0495	0.0500	0	98.9	0.05072	2.49	09/13/2023	
Boron		0.0250		1.03	0.5000	0.4759	111.6	1.016	1.74	08/31/2023	
Cadmium		0.0010		0.0502	0.0500	0	100.4	0.05022	0.04	09/13/2023	
Chromium		0.0015		0.208	0.2000	0	104.0	0.2145	3.10	09/13/2023	
Cobalt		0.0010		0.488	0.5000	0.0003000	97.6	0.5012	2.66	08/30/2023	
Iron		0.0250		2.22	2.000	0.1196	105.3	2.260	1.58	09/13/2023	
Lead		0.0010		0.547	0.5000	0	109.4	0.5399	1.33	09/13/2023	
Lithium	*	0.0030		0.566	0.5000	0.01555	110.1	0.5564	1.74	08/31/2023	
Manganese		0.0020		0.858	0.5000	0.3459	102.4	0.8475	1.25	08/31/2023	
Molybdenum	*	0.0015		0.506	0.5000	0	101.1	0.5163	2.07	09/13/2023	
Selenium		0.0010		0.479	0.5000	0	95.8	0.4855	1.31	08/30/2023	
Thallium		0.0020		0.259	0.2500	0	103.6	0.2562	1.13	08/30/2023	

### SW-846 7470A (TOTAL)

Batch 210448		SampType: MBLK		Units mg/L				RPD Limit 20			Date Analyzed
SampID: MBLK-210448											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	08/07/2023	

### Batch 210448 SampType: LCS Units mg/L

SampID: LCS-210448										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00558	0.0050	0	111.5	85	115	08/07/2023

### Batch 210448 SampType: MS Units mg/L

SampID: 23071339-011CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00581	0.0050	0	116.2	75	125	08/07/2023



## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 7470A (TOTAL)

Batch 210448		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 23071339-011CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		<b>0.00574</b>	0.0050	0	114.8	0.005810	1.25	08/07/2023	

Batch 210448		SampType: MS		Units mg/L							
SampID: 23071339-026CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>0.00567</b>	0.0050	0	113.5	75	125	08/07/2023	

Batch 210448		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 23071339-026CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		<b>0.00559</b>	0.0050	0	111.8	0.005674	1.49	08/07/2023	

Batch 210449		SampType: MBLK		Units mg/L							
SampID: MBLK-210449											
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	08/07/2023	

Batch 210449		SampType: LCS		Units mg/L							
SampID: LCS-210449											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>0.00541</b>	0.0050	0	108.3	85	115	08/09/2023	
Mercury		0.00020	S	<b>0.00593</b>	0.0050	0	118.6	85	115	08/07/2023	

Batch 210449		SampType: MS		Units mg/L							
SampID: 23071339-041CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		<b>0.00570</b>	0.0050	0	114.1	75	125	08/07/2023	

Batch 210449		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 23071339-041CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		<b>0.00562</b>	0.0050	0	112.4	0.005704	1.46	08/07/2023	





## Quality Control Results

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

### SW-846 7470A (TOTAL)

Batch 210704		SampType: MBLK		Units mg/L							
SampID: MBLK-210704											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	08/11/2023	

Batch 210704		SampType: LCS		Units mg/L							
SampID: LCS-210704											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00516	0.0050	0	103.2	85	115	08/11/2023	

Batch 210704		SampType: MS		Units mg/L							
SampID: 23071339-019CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00511	0.0050	0	102.2	75	125	08/11/2023	

Batch 210704		SampType: MSD		Units mg/L						RPD Limit 15		Date Analyzed
SampID: 23071339-019CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020		0.00458	0.0050	0	91.6	0.005110	10.89	08/11/2023		

Batch 210943		SampType: MBLK		Units mg/L							
SampID: MBLK-210943											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	08/16/2023	

Batch 210943		SampType: LCS		Units mg/L							
SampID: LCS-210943											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00518	0.0050	0	103.6	85	115	08/16/2023	

Batch 210943		SampType: MS		Units mg/L							
SampID: 23071339-045CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00816	0.0100	0	81.6	75	125	08/23/2023	

Batch 210943		SampType: MSD		Units mg/L						RPD Limit 15		Date Analyzed
SampID: 23071339-045CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury		0.00020	S	0.00829	0.0050	0	165.8	0.008164	1.52	08/23/2023		



### Receiving Check List

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

Client: Ramboll

Work Order: 23071339

Client Project: BAL-23Q3

Report Date: 11-Oct-23

Carrier: Justin Colp

Received By: AMD

Completed by:

*Amber Dilallo*

Reviewed by:

*Ellie Hopkins*

On:

04-Aug-23

Amber Dilallo

On:

08-Aug-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>5.7</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 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 #90719. - amberdilallo - 8/4/2023 9:44:53 AM

Additional HNO3 (90404) was needed in MW-104S and MW-382, and additional H2SO4 (90128) was needed in MW-382 and MW-304 Dup upon arrival at the laboratory. - amberdilallo - 8/4/2023 9:45:01 AM

Additional HNO3 (90404) was needed in PZ-182, and additional H2SO4 (90218) was needed in MW-253 upon arrival at the laboratory. - amberdilallo - 8/4/2023 4:26:18 PM

Samples collected on 8/4/23 were delivered to the laboratory on 8/4/23 at 1543 (on ice - 17.2C - LTG#5). pH strip #90719. - ERH/CET 8/4/23

Samples collected on 8/3/23 were delivered to the laboratory on 8/3/23 at 1750 (on ice - 5.7C - LTG#1). pH strip #90719. - ERH/ADM 8/4/23

Samples collected on 8/7/23 were delivered to the laboratory on 8/7/23 at 1608 (on ice - 17.4C - LTG#5). pH strip #90719. - ERH/LM 8/4/23

Per Joe Riley, the unpreserved (total) volume for MW-358 was collected on 8/7/23 at 1734 and delivered to the lab on 8/8/23 at 0830. LM/EAH 8/8/23

pH strip #90719. - amberdilallo - 8/15/2023 3:18:37 PM

Samples collected on 8/15/23 were delivered to the laboratory on 8/15/23 at 1454 (on ice - 90719C - LTG#51. pH strip #90719. - TM/ERH 8/15/23

### 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:	Page: 1 of 3
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Company: <b>Vistra Corp</b>	Report To: <b>Brian Voelker</b>	Attention: <b>Jason Stuckey</b>	<b>REGULATORY AGENCY</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:	NPDES    GROUND WATER    DRINKING WATER
		Profile #:	UST    RCRA    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 WASTE WATER WT PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	COLLECTED DATE TIME	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	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		
1	MW-104DR		8-3-23	1540														23071339-001	
2	MW-104SR		8-3-23	1555														002	
3	MW-150																	003	
4	MW-151																	004	
5	MW-152																	005	
6	MW-153																	006	
7	MW-154		DRY															007	
8	MW-155																	008	
9	MW-192																	009	
10	MW-193																	010	
11	MW-252																	011	
12	MW-253																	012	
13	MW-304		8-3-23	1510														013	
14	MW-306																	014	
15	MW-350																	015	
16	MW-352																	016	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS									
BAL-23Q3 Rev 0			J. Colp	8-3	1750	J. Colp		8/3/23	1750	5.7 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: <b>Justin Colp</b>		SIGNATURE of SAMPLER: <i>J. Colp</i>					
		DATE Signed (MM/DD/YY): <b>8-3-23</b>					

MW-104SR & MW-382 added HNO3(90404) pH strip 90719  
 MW-382 & MW-304 Dup added H2SO4(90128) Oxy 8/11/23

LET: 1

BALDWIN, FABR  
BAL-845-605 9

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Section A Required Client Information:      Section B Required Project Information:      Section C Invoice Information:      Page: 2 of 3

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: (217) 753-8911 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		IL	
STATE:			

ITEM #	Section D Required Client Information  SAMPLE ID (A-Z, 0-9 / .) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to 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	0	0	0			0	0
																		Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N			Y/N	Y/N
1	MW-355				8-3-23	1322																				23071839-017					
2	MW-356				8-3-23	1322																				018					
3	MW-358																									019					
4	MW-366																									020					
5	MW-369				8-3-23	1433																				021					
6	MW-370				8-3-23	1500																				022					
7	MW-375																									023					
8	MW-377																									024					
9	MW-382				8-3-23	1555																				025					
10	MW-383				8-3-23	1413																				026					
11	MW-384				8-3-23	1738																				027					
12	MW-390																									028					
13	MW-391																									029					
14	MW-392				8-3-23	1221																				030					
15	MW-393				8-3-23	1143																				031					
16	MW-394				8-3-23	1108																				032					
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS																		
BAL-23Q3 Rev 0					J. Colp		8-3	1750	[Signature]		8/3/23	1750	5.7	Y	N																

<b>SAMPLER NAME AND SIGNATURE</b>			
PRINT Name of SAMPLER:	Justin Colp		
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	8-3-23
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

BALDWIN, FOS  
BAL-805-808

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Page: 3 of 3
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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.:		Quote Reference:	
Phone: <b>(217) 753-8911</b>	Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Profile #:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE (see valid codes to left) CQUE	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>8</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	OW-156		DRY																								23071339-033
2	OW-157		DRY																								034
3	OW-256		8-3-23	1407												✓	✓										035
4	OW-257															✓	✓										036
5	PZ-170															✓	✓										037
6	PZ-182															✓	✓										038
7	TPZ-164															✓	✓										039
8	XPW01		8-3-23	1239												✓	✓										040
9	XPW05		8-3-23	1314												✓	✓										041
10	XPW06		8-3-23	1339												✓	✓										042
11	Field Blank															✓	✓	✓	✓	✓	✓						043
12	MW-304 Duplicate		8-3-23	1510												✓	✓	✓	✓	✓	✓						044

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<b>BAL-23Q3 Rev 0</b>	J. Colp	8-3	1750	Once Over	8/3/23	1750	5.7 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: <b>Justin Colp</b>	SIGNATURE of SAMPLER:				

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<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Page: 1 of 3		
Company: <b>Vistra Corp</b>		Report To: <b>Brian Voelker</b>		Attention: <b>Jason Stuckey</b>		<b>REGULATORY AGENCY</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>		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	Valid Matrix Codes MATRIX    CODE	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.
								Unpreserved	H <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				
1	MW-104DR																				23071339-001
2	MW-104SR																				002
3	MW-150																				003
4	MW-151																				004
5	MW-152			8-4-23	1339																005
6	MW-153			8-4-23	1148																006
7	MW-154																				007
8	MW-155																				008
9	MW-192			8-4-23	1010																009
10	MW-193			8-4-23	0908																010
11	MW-252			8-4-23	1416																011
12	MW-253			8-4-23	1207																012
13	MW-304																				013
14	MW-306			8-4-23	1110																014
15	MW-350																				015
16	MW-352			8-4-23	1257																016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
<b>BAL-23Q3 Rev 0</b>	J.G.P	8-4	1543	Jason Stuckey	8/4/23	1542	5	Y	N				
SAMPLER NAME AND SIGNATURE							Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)			
PRINT Name of SAMPLER: <i>Jason Cap</i>							17.2						
SIGNATURE of SAMPLER: <i>[Signature]</i>							DATE Signed (MM/DD/YY):	8-4-23					

Lot 615 (102)  
Pkg 719. Added H2SO4 (00218) to 2/2  
from MW-152 and MW-253. Added HNO3  
residual to dissolved from P2-182. cos 8-4-23

BALDWIN TAPS  
BAL-845-605 9

### 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 <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 <b>RCRA</b> OTHER		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Quote Reference:		Site Location		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Project Manager:		STATE: <b>IL</b>		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)											Project No./ Lab I.D.						
							COLLECTED								Preservatives								Residual Chlorine (Y/N)	
							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	MW-355																					23071839-017		
2	MW-356																					018		
3	MW-358																					019		
4	MW-366		8-4-23	0954																		020		
5	MW-369																					021		
6	MW-370																					022		
7	MW-375																					023		
8	MW-377																					024		
9	MW-382																					025		
10	MW-383																					026		
11	MW-384																					027		
12	MW-390		8-4-23	0917																		028		
13	MW-391		8-4-23	1020																		029		
14	MW-392																					030		
15	MW-393																					031		
16	MW-394																					032		
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS													
BAL-23Q3 Rev 0			J. Galp		8-4	1543	Ymca Oilco		8/4/23	1543	Y N													

<b>SAMPLER NAME AND SIGNATURE</b>				Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <b>Justin Galp</b>							
SIGNATURE of SAMPLER:			DATE Signed (MM/DD/YY): <b>8-4-23</b>				



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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	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 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 Y/N ↓	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No / Lab I.D.							
						DATE	TIME					BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-CLOSURE-605	BAL-SUP-000	BAL-WPCP-605										
1																								23071339-033				
2																								034				
3																								035				
4						8-4-23	10:14																	036				
5						8-4-23	11:16																	037				
6						8-4-23	13:23																	038				
7																								039				
8																								040				
9																								041				
10																								042				
11																								043				
12																								044				
13																												
14																												
15																												
16																												

ADDITIONAL COMMENTS <b>BAL-23Q3 Rev 0</b>	RELINQUISHED BY / AFFILIATION J. Cop	DATE 8-4	TIME 15:13	ACCEPTED BY / AFFILIATION Imber Dilores	DATE 8/4/23	TIME 15:13	SAMPLE CONDITIONS Y N
--	---	-------------	---------------	--	----------------	---------------	--------------------------

<b>SAMPLER NAME AND SIGNATURE</b>		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cop					
SIGNATURE of SAMPLER: <i>Justin Cop</i>	DATE Signed (MM/DD/YY): 8-4-23				

BAL-845-005  
25071339

### 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>		
Email To: <b>Brian.Voelker@VistraCorp.com</b>		Purchase Order No.:		Address: <b>see Section A</b>		
Phone: (217) 753-8911 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  SAMPLE ID (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ 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/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
1	MW-104DR																		23071339-001								
2	MW-104SR																		002								
3	MW-150				8-7-23	1125													003								
4	MW-151				8-7-23	1057													004								
5	MW-152																		005								
6	MW-153																		006								
7	MW-154																		007								
8	MW-155				8-7-23	1114													008								
9	MW-192																		009								
10	MW-193																		010								
11	MW-252																		011								
12	MW-253																		012								
13	MW-304																		013								
14	MW-306																		014								
15	MW-350				8-7-23	1148													015								
16	MW-352																		016								

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
BAL-23Q3 Rev 0		J. Colp		8-7	1605	Dina C. Calabro		8/7/23	1608	5 Y N Y	

SAMPLER NAME AND SIGNATURE		Temp in °C	Repackaged on to (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
Justin Colp	[Signature]				
DATE Signed (MM/DD/YYYY): 8-7-23					

Morgan Perin 8/7/23 1615 PH: 90794  
CM 876

BALDWIN FAPS  
BAL-845-605 *11339*

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

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

Page: 2 of 3

**Section A**

Required Client Information:

**Section B**

Required Project Information:

**Section C**

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: (217) 753-8911	Project Name:	Quote Reference:
Requested Due Date/TAT: <b>10 day</b>	Project Number: <b>2285</b>	Project Manager:
		Profile #:

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER
Site Location:	IL	
STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED	PRESERVATIVES	ANALYSIS TEST	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.								
						DATE	TIME	# OF CONTAINERS	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	N	Y	N	Y	N	Y
1	MW-355		8-7-23 1403											Y									23071339-017		
2	MW-356													Y									018		
3	MW-358		8-7-23 1231											Y									019		
4	MW-366													Y									020		
5	MW-369													Y									021		
6	MW-370													Y									022		
7	MW-375		8-7-23 0957											Y									023		
8	MW-377		8-7-23 1019											Y									024		
9	MW-382													Y									025		
10	MW-383													Y									026		
11	MW-384													Y									027		
12	MW-390													Y									028		
13	MW-391													Y									029		
14	MW-392													Y									030		
15	MW-393													Y									031		
16	MW-394													Y									032		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q3 Rev 0	J. Colp	8-7	1608	Moeyun Petia	8/7/23	1608	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:	SIGNATURE of SAMPLER:				
Justin Colp	<i>[Signature]</i>				
DATE Signed (MM/DD/YY):					
8-7-23					
<i>Moeyun Petia</i>					
8/7/23 1615					

BALDWIN, FAPS  
BAL-845-605

**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 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.:		Quote Reference:		Site Location		
Phone: <b>(217) 753-8911</b> Fax:		Project Name:		Project Manager:		STATE: <b>IL</b>		
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2265</b>		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 WAPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE <small>(see valid codes to left)</small>	SAMPLE TYPE <small>(G=GRAB C=COMP)</small>	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test <b>Analysis Test ↓</b>	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
1	OW:156																				23071334-033
2	OW:157																				034
3	OW:256																				035
4	OW:257																				036
5	PZ-170																				037
6	PZ-182																				038
7	TPZ:164					8-7-23	1303														039
8	XPW01																				040
9	XPW05																				041
10	XPW06																				042
11	Field Blank					8-7-23	1330														043
12	MW-304 Duplicate					8-7-23	1330 JL														044
13																					
14																					
15																					
16																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q3 Rev 0	J. Colp	8-7	1608	Ormae Dilale	8/7/23	1100P	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:	Justin Colp					
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	8-7-23			
Morgan Peira 8/7/23 1615						

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

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

Section A Required Client Information:			Section B Required Project Information:			Section C Invoice Information:			REGULATORY AGENCY		
Company: <b>Vistra Corp</b>			Report To: <b>Brian Voelker</b>			Attention: <b>Jason Stuckey</b>			NPDES    GROUND WATER    DRINKING WATER UST        RCRA                OTHER		
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>			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 DATE                      TIME	# OF CONTAINERS	PRESERVATIVES	ANALYSIS TEST ↓	Requested Analysis Filtered (Y/N)													Residual Chlorine (Y/N)	Project No./ Lab I.D.				
							SAMPLE TYPE (G=GRAB C=COMP)		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	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)	MATRIX CODE																	
1	PZ-182	DW	8/15/23	6		↓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	23071339-045	
2	OW-156	WW	11:31	0		↓									X	X									033
3	OW-157	WW	1304	0		↓								X	X										034
4						↓																			
5						↓																			
6						↓																			
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-23Q3 Rev 0 Resampling, only.	<i>Jason Stuckey</i>	8/15/23	1454	<i>TS</i>	8/15/23	1454	9.0	Y	N		
							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 Laroche</i>											
SIGNATURE of SAMPLER: <i>Tracy Laroche</i>							DATE Signed (MM/DD/YYYY):	8/15/23			

October 03, 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-23Q3**

**WorkOrder: 23071340**

Dear Eric Bauer:

TEKLAB, INC received 38 samples on 8/15/2023 14:54:00 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,



Aaron Renner  
Project Manager  
(630)324-6855  
[arenner@teklabinc.com](mailto:arenner@teklabinc.com)



## Report Contents

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-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	43
Dates Report	45
Receiving Check List	48
Chain of Custody	Appended



## Definitions

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-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:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-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-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

### Cooler Receipt Temp: 5.7 °C

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

OW-257 could not be collected; the well was dry.

PZ-182 was recollected on 8/15/23 due to a field meter error. The resample will be reported. EAH 8/16/23

Ra226/228 were performed by Eurofins St. Louis. See attached report for results and QC.

This report was revised on October 3, 2023 per Eric Bauer's request. The reason for the revision is to adjust collection times for MW-193, MW-375, MW-377, and MW-394. Please replace report dated September 19, 2023 with this report. AR 10/3/23

### 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:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-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	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-001  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-150  
**Collection Date:** 08/07/2023 11:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:37	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-002  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-151  
**Collection Date:** 08/07/2023 10:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:38	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-003

**Client Sample ID:** MW-152

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 13:39

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-004  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-153  
**Collection Date:** 08/04/2023 11:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-005

**Client Sample ID:** MW-192

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 10:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-006

**Client Sample ID:** MW-193

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 09:21

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-007  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-252  
**Collection Date:** 08/04/2023 14:12

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-008

**Client Sample ID:** MW-253

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 12:07

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-009

**Client Sample ID:** MW-304

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:39	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

**Lab ID:** 23071340-010

**Client Sample ID:** MW-306

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 11:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-011  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-350  
**Collection Date:** 08/07/2023 11:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-012  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-352  
**Collection Date:** 08/04/2023 12:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-013  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-356  
**Collection Date:** 08/03/2023 13:22

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-014  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-358  
**Collection Date:** 08/07/2023 12:31

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-015

**Client Sample ID:** MW-366

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 09:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-016

**Client Sample ID:** MW-369

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 14:33

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

**Lab ID:** 23071340-017

**Client Sample ID:** MW-370

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-018  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-375  
**Collection Date:** 08/07/2023 10:19

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-019

**Client Sample ID:** MW-377

**Matrix:** GROUNDWATER

**Collection Date:** 08/07/2023 09:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-020

**Client Sample ID:** MW-382

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 15:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:42	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-021  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-383  
**Collection Date:** 08/03/2023 14:13

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:19	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-022  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-384  
**Collection Date:** 08/03/2023 14:38

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:19	R336427



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

**Lab ID:** 23071340-023

**Client Sample ID:** MW-390

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 09:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:19	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-024  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-391  
**Collection Date:** 08/04/2023 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:19	R336427



## Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-025  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-392  
**Collection Date:** 08/03/2023 12:21

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:19	R336427





# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-026

**Client Sample ID:** MW-393

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 11:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:20	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-027  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** MW-394  
**Collection Date:** 08/03/2023 11:07

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:20	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-028

**Client Sample ID:** OW-256

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 14:07

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:20	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-030

**Client Sample ID:** PZ-170

**Matrix:** GROUNDWATER

**Collection Date:** 08/04/2023 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	08/23/2023 14:30	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-032  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** TPZ-164  
**Collection Date:** 08/07/2023 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	08/23/2023 14:30	R336427



# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

Client: Ramboll  
Client Project: BAL-23Q3

Work Order: 23071340  
Report Date: 03-Oct-23

Lab ID: 23071340-033

Client Sample ID: XPW01

Matrix: GROUNDWATER

Collection Date: 08/03/2023 12:39

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:29	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-034  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** XPW05  
**Collection Date:** 08/03/2023 13:14

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:30	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-035

**Client Sample ID:** XPW06

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 13:39

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:30	R336427





# Laboratory Results

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-036  
**Matrix:** AQUEOUS

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** Field Blank  
**Collection Date:** 08/07/2023 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:30	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

**Lab ID:** 23071340-037

**Client Sample ID:** MW-304 Duplicate

**Matrix:** GROUNDWATER

**Collection Date:** 08/03/2023 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	08/23/2023 14:30	R336427



# Laboratory Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 BAL-845-605

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3  
**Lab ID:** 23071340-038  
**Matrix:** GROUNDWATER

**Work Order:** 23071340  
**Report Date:** 03-Oct-23  
**Client Sample ID:** PZ-182 (resample)  
**Collection Date:** 08/15/2023 12:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SEE ATTACHED FOR SUBCONTRACTING ANALYSIS</b>								
Subcontracted Analysis	*	0		See Attached		1	09/07/2023 11:36	R336427



## Sample Summary

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

**Client:** Ramboll  
**Client Project:** BAL-23Q3

**Work Order:** 23071340  
**Report Date:** 03-Oct-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23071340-001	MW-150	Groundwater	1	08/07/2023 11:25
23071340-002	MW-151	Groundwater	1	08/07/2023 10:57
23071340-003	MW-152	Groundwater	1	08/04/2023 13:39
23071340-004	MW-153	Groundwater	1	08/04/2023 11:48
23071340-005	MW-192	Groundwater	1	08/04/2023 10:10
23071340-006	MW-193	Groundwater	1	08/04/2023 09:21
23071340-007	MW-252	Groundwater	1	08/04/2023 14:12
23071340-008	MW-253	Groundwater	1	08/04/2023 12:07
23071340-009	MW-304	Groundwater	1	08/03/2023 15:10
23071340-010	MW-306	Groundwater	1	08/04/2023 11:10
23071340-011	MW-350	Groundwater	1	08/07/2023 11:48
23071340-012	MW-352	Groundwater	1	08/04/2023 12:57
23071340-013	MW-356	Groundwater	1	08/03/2023 13:22
23071340-014	MW-358	Groundwater	1	08/07/2023 12:31
23071340-015	MW-366	Groundwater	1	08/04/2023 09:54
23071340-016	MW-369	Groundwater	1	08/03/2023 14:33
23071340-017	MW-370	Groundwater	1	08/03/2023 15:00
23071340-018	MW-375	Groundwater	1	08/07/2023 10:19
23071340-019	MW-377	Groundwater	1	08/07/2023 09:57
23071340-020	MW-382	Groundwater	1	08/03/2023 15:55
23071340-021	MW-383	Groundwater	1	08/03/2023 14:13
23071340-022	MW-384	Groundwater	1	08/03/2023 14:38
23071340-023	MW-390	Groundwater	1	08/04/2023 09:17
23071340-024	MW-391	Groundwater	1	08/04/2023 10:20
23071340-025	MW-392	Groundwater	1	08/03/2023 12:21
23071340-026	MW-393	Groundwater	1	08/03/2023 11:43
23071340-027	MW-394	Groundwater	1	08/03/2023 11:07
23071340-028	OW-256	Groundwater	1	08/03/2023 14:07
23071340-029	OW-257	Groundwater	1	08/04/2023 00:00
23071340-030	PZ-170	Groundwater	1	08/04/2023 11:16
23071340-031	PZ-182	Groundwater	1	08/04/2023 13:23
23071340-032	TPZ-164	Groundwater	1	08/07/2023 13:03
23071340-033	XPW01	Groundwater	1	08/03/2023 12:39
23071340-034	XPW05	Groundwater	1	08/03/2023 13:14
23071340-035	XPW06	Groundwater	1	08/03/2023 13:39
23071340-036	Field Blank	Aqueous	1	08/07/2023 13:30
23071340-037	MW-304 Duplicate	Groundwater	1	08/03/2023 15:10
23071340-038	PZ-182 (resample)	Groundwater	1	08/15/2023 12:37



## Dates Report

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
23071340-001A	MW-150	08/07/2023 11:25	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:37
23071340-002A	MW-151	08/07/2023 10:57	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:38
23071340-003A	MW-152	08/04/2023 13:39	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-004A	MW-153	08/04/2023 11:48	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-005A	MW-192	08/04/2023 10:10	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-006A	MW-193	08/04/2023 09:21	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-007A	MW-252	08/04/2023 14:12	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-008A	MW-253	08/04/2023 12:07	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-009A	MW-304	08/03/2023 15:10	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:39
23071340-010A	MW-306	08/04/2023 11:10	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-011A	MW-350	08/07/2023 11:48	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-012A	MW-352	08/04/2023 12:57	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-013A	MW-356	08/03/2023 13:22	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-014A	MW-358	08/07/2023 12:31	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-015A	MW-366	08/04/2023 09:54	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-016A	MW-369	08/03/2023 14:33	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-017A	MW-370	08/03/2023 15:00	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-018A	MW-375	08/07/2023 10:19	08/07/2023 16:08		



## Dates Report

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-019A	MW-377	08/07/2023 09:57	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-020A	MW-382	08/03/2023 15:55	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:42
23071340-021A	MW-383	08/03/2023 14:13	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:19
23071340-022A	MW-384	08/03/2023 14:38	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:19
23071340-023A	MW-390	08/04/2023 09:17	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:19
23071340-024A	MW-391	08/04/2023 10:20	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:19
23071340-025A	MW-392	08/03/2023 12:21	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:19
23071340-026A	MW-393	08/03/2023 11:43	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:20
23071340-027A	MW-394	08/03/2023 11:07	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:20
23071340-028A	OW-256	08/03/2023 14:07	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:20
23071340-030A	PZ-170	08/04/2023 11:16	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:30
23071340-032A	TPZ-164	08/07/2023 13:03	08/07/2023 16:08		
	See Attached for Subcontracting Analysis				08/23/2023 14:30
23071340-033A	XPW01	08/03/2023 12:39	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:29
23071340-034A	XPW05	08/03/2023 13:14	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:30
23071340-035A	XPW06	08/03/2023 13:39	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:30
23071340-036A	Field Blank	08/07/2023 13:30	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:30
23071340-037A	MW-304 Duplicate	08/03/2023 15:10	08/07/2023 16:15		
	See Attached for Subcontracting Analysis				08/23/2023 14:30



## Dates Report

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

**Client:** Ramboll

**Work Order:** 23071340

**Client Project:** BAL-23Q3

**Report Date:** 03-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23071340-038A	PZ-182 (resample)	08/15/2023 12:37	08/15/2023 14:54		
See Attached for Subcontracting Analysis					09/07/2023 11:36



### Receiving Check List

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

Client: Ramboll

Work Order: 23071340

Client Project: BAL-23Q3

Report Date: 03-Oct-23

Carrier: Justin Colp

Received By: AMD

Completed by:

*Amber Dilallo*

Reviewed by:

*Ellie Hopkins*

On:

04-Aug-23

Amber Dilallo

On:

08-Aug-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>5.7</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 #90719. - amberdilallo - 8/4/2023 9:50:51 AM

Additional Nitric Acid (90404) was needed in MW-304, MW-393, XPW06 and MW-304 Dup upon arrival at the laboratory. - amberdilallo - 8/4/2023 9:50:59 AM

Samples collected on 8/4/23 were delivered to the laboratory on 8/4/23 at 1543 (on ice - 17.4C - LTG#5). pH strip #90719. - ERH/CET 8/4/23

Additional Nitric Acid (90404) was needed in MW-182, MW-252, MW-391, MW-193, MW-192, MW-153 and MW-152 upon arrival at the laboratory. - amberdilallo - 8/4/2023 4:27:27 PM

Samples collected on 8/7/23 were delivered to the laboratory on 8/7/23 at 1608. (on ice - 17.4C - LTG#5). pH strip #90719. - ERH/LM 8/4/23

pH strip #90719. - amberdilallo - 8/15/2023 3:16:14 PM

Sample collected on 8/15/23 were delivered to the laboratory on 8/15/23 at 1608. (on ice - 4.6C - LTG#1). pH strip #90719. - TM/ERH 8/15/23



BALDWIN, FAPS  
BAL-845-605  
23071340

## CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <b>Vistra Corp</b>	Report To: <b>Brian Voelker</b>	Attention: <b>Jason Stuckey</b>		REGULATORY AGENCY	
Address: <b>13498 E. 900th St</b>	Copy To: <b>Jason Stuckey</b>	Company Name: <b>Vistra Corp</b>			
Address: <b>13498 E. 900th St</b>		Address: <b>see Section A</b>		NPDES      GROUND WATER      DRINKING WATER	
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	
Requested Due Date/TAT: <b>10 day</b>	Project Number: <b>2285</b>	Profile #:		STATE: <b>IL</b>	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX      CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H <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 ↓										
1	MW-104DR				8-3-23	1540																					
2	MW-104SR				8-3-23	1555																					
3	MW-150						2	2																			23071340-001
4	MW-151						2	2																			002
5	MW-152						2	2																			003
6	MW-153						2	2																			004
7	MW-154																										
8	MW-155																										
9	MW-192						2	2																			005
10	MW-193						2	2																			006
11	MW-252						2	2																			007
12	MW-253						2	2																			008
13	MW-304				8-3-23	1510	2	2																			009
14	MW-306						2	2																			010
15	MW-350						2	2																			011
16	MW-352						2	2																			012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q3 Rev 0 R226/228 CC	J. Galp	8-3	1750	Justin Galp	8/3/23	1750	5.7	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:	SIGNATURE of SAMPLER:				
Justin Galp	[Signature]				
					DATE Signed (MM/DD/YY): 8-3-23

MW304, MW393, XP WOLE, MW304 Dup code  
PH strip 907A HNO3(90404)

BALDWIN\_EAPS  
BAL-845-605  
23071340

### 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>	
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 #:	
				REGULATORY AGENCY	
				NPDES GROUND WATER DRINKING WATER	
				UST RCRA 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 SOL/SOLID SL OIL CL 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	0	0	0
1	MW-355																													
2	MW-356				8-3-23	1322		2	2																					23071340-013
3	MW-358							2	2																					014
4	MW-366							2	2																					015
5	MW-369				8-3-23	1433		2	2																					016
6	MW-370				8-3-23	1500		2	2																					017
7	MW-375							2	2																					018
8	MW-377							2	2																					019
9	MW-382				8-3-23	1555		2	2																					020
10	MW-383				8-3-23	1413		2	2																					021
11	MW-384				8-3-23	1438		2	2																					022
12	MW-390							2	2																					023
13	MW-391							2	2																					024
14	MW-392				8-3-23	1221		2	2																					025
15	MW-393				8-3-23	1143		2	2																					026
16	MW-394				8-3-23	1108		2	2																					027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-23Q3 Rev 0 R226/228 C/C	J. G. G	8/3	1750	Ember D. J. Wells	8/3/23	1750	5.7	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: Justin GGP	DATE Signed (MM/DD/YY): 8-3-23				
SIGNATURE OF SAMPLER: [Signature]					

BALDWIN, FAPS  
BAL-845-605  
23071340

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

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

Page: 1 of 3

<b>Section A</b> Required Client Information: Company: Vistra Corp Address: 13498 E. 900th St Email To: Brian.Voelker@VistraCorp.com Phone: (217) 753-8911 Fax: Requested Due Date/TAT: 10 day		<b>Section B</b> Required Project Information: Report To: Brian Voelker Copy To: Jason Stuckey Purchase Order No.: Project Name: Project Number: 2285		<b>Section C</b> Invoice Information: Attention: Jason Stuckey Company Name: Vistra Corp Address: see Section A Quote Reference: Project Manager: Profile #:		<b>REGULATORY AGENCY</b> NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL 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 (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test (Y/N)	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Project No./ Lab I.D.
		MATRIX	CODE			DATE	TIME			Unpreserved	H <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	MW-104DR																			
2	MW-104SR																			
3	MW-150								2	2										23071340-001
4	MW-151								2	2										002
5	MW-152			8-4-23	1339				2	2										003
6	MW-153			8-4-23	1148				2	2										004
7	MW-154																			
8	MW-155																			
9	MW-192			8-4-23	1010				2	2										005
10	MW-193			8-7-23	0908				2	2										006
11	MW-252			8-4-23	1412				2	2										007
12	MW-253			8-4-23	1207				2	2										008
13	MW-304								2	2										009
14	MW-306			8-4-23	1110				2	2										010
15	MW-350								2	2										011
16	MW-352			8-4-23	1257				2	2										012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
BAL-23Q3 Rev 0 R2226/228 C/C	J. Cap	8-4	1543	[Signature]	8-4	1543	Y	N

Added HNO<sub>3</sub>(00404) to MW182 2/2  
PH 90719 AC 8/4 MW 252 2/2  
MW 391 1/2  
MW 193 1/2  
MW 192 1/2  
MW 153 2/2  
MW 152 1/2

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. Cap				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YYYY):	8-4-23		

26.5  
1.6

BALDWIN, EAPS

BAL-845-605

23071340

### 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:		NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/>	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER <input type="checkbox"/>	
Requested Due Date/TAT: <b>10 day</b>		Project Number: <b>2285</b>		Profile #:		Site Location: <b>IL</b>	
						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	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	0	0
1	MW-355																									
2	MW-356					2	2																			23071340-013
3	MW-358					2	2																			014
4	MW-366		8-4-23	0954		2	2																			015
5	MW-369					2	2																			016
6	MW-370					2	2																			017
7	MW-375					2	2																			018
8	MW-377					2	2																			019
9	MW-382					2	2																			020
10	MW-383					2	2																			021
11	MW-384		8-4-23			2	2																			022
12	MW-390		8-4-23	0917		2	2																			023
13	MW-391		8-4-23	1020		2	2																			024
14	MW-392					2	2																			025
15	MW-393					2	2																			026
16	MW-394					2	2																			027

ADDITIONAL COMMENTS <b>BAL-23Q3 Rev 0</b> <i>Re 226/228 CoC</i>	RELINQUISHED BY / AFFILIATION <i>J. Cole</i>	DATE <i>8-4</i>	TIME <i>1545</i>	ACCEPTED BY / AFFILIATION <i>[Signature]</i>	DATE <i>8-4</i>	TIME <i>1545</i>	SAMPLE CONDITIONS Y N	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>Justin Cole</i> SIGNATURE of SAMPLER: <i>[Signature]</i>											
											DATE Signed (MM/DD/YYYY): <i>8-4-23</i>

BALDWIN FAPS  
BAL-845-605  
23071340

### 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      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.
						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											
1	MW-104DR																									
2	MW-104SR																									
3	MW-150		8-7-23	1125	2	2									✓										23071340-001	
4	MW-151		8-7-23	1057	2	2									✓										002	
5	MW-152				2	2									✓										003	
6	MW-153				2	2									✓										004	
7	MW-154																									
8	MW-155		8-7-23	1414																						
9	MW-192				2	2										✓									005	
10	MW-193				2	2										✓									006	
11	MW-252				2	2									✓										007	
12	MW-253				2	2									✓										008	
13	MW-304				2	2									✓										009	
14	MW-306				2	2									✓										010	
15	MW-350		8-7-23	1148	2	2									✓										011	
16	MW-352				2	2									✓										012	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS								
BAL-23Q3 Rev 0 R2226/228 C&C	J. GAP	8-7	1608	Morgan Peter	8/7/23	1608	#5	Y	N	Y	17.4	Temp in °C	Received on Ice (Y/N)	Custody Sealed/Cooled (Y/N)	Samples Intact (Y/N)

Added HNO<sub>3</sub>(90404) to both cont.  
r MW-350. UM 8/8

SAMPLER NAME AND SIGNATURE		DATE Signed (MM/DD/YY):
PRINT Name of SAMPLER:	Justin Gap	
SIGNATURE of SAMPLER:	<i>[Signature]</i>	8-7-23
Morgan Peter 8/7/23 1615		

BAL 845-605  
 23071340

### 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:		REGULATORY AGENCY	
Company: <u>Vistra Corp</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Jason Stuckey</u>		NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/>	
Address: <u>13498 E. 900th St</u>		Copy To: <u>Jason Stuckey</u>		Company Name: <u>Vistra Corp</u>		UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER <input type="checkbox"/>	
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Address: <u>see Section A</u>		Site Location	
Phone: (217) 753-8911 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 (S=GRAB C=COMPI)	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		OW-156																											
2		OW-157																											
3		OW-256					2		2																			23071340-028	
4		OW-257			8-7-23	DCY	2		2																			029	
5		PZ-170 <i>W/ H<sub>2</sub>O Leads</i>			8-7-23	1116	2		2																			030	
6		PZ-182			8-7-23	1323	2		2																			031	
7		TPZ-164					2		2																			032	
8		XPW01					2		2																			033	
9		XPW05					2		2																			034	
10		XPW06					2		2																			035	
11		Field Blank					2		2																			036	
12		MW-304 Duplicate					2		2																			037	
13																													
14																													
15																													
16																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-23Q3 Rev 0 <i>Re 226/228 Col</i>	J. G. G.	8-7	1543	<i>[Signature]</i>	8-7	1545	Y	N	

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	<i>Justin G. G.</i>	DATE Signed (MM/DD/YY):	8-7-23
SIGNATURE of SAMPLER:	<i>[Signature]</i>		

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

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

Page: **2** of **3**

<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 UST      RCRA                  OTHER		
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 #:							

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 SOIL/SOLID            SL OIL                        OL WASTE                   WP AIR                        AR OTHER                    OT TISSUE                   TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H <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	0	0	0			0	0	
1	MW-355				8-7-23	1403																									
2	MW-356						2	2																							
3	MW-358				8-7-23	1231	2	2																							23071340-013
4	MW-366						2	2																						014	
5	MW-369						2	2																						015	
6	MW-370						2	2																						016	
7	MW-375				8-7-23	0957	2	2																						017	
8	MW-377				8-7-23	1019	2	2																						018	
9	MW-382						2	2																						019	
10	MW-383						2	2																						020	
11	MW-384						2	2																						021	
12	MW-390						2	2																						022	
13	MW-391						2	2																						023	
14	MW-392						2	2																						024	
15	MW-393						2	2																						025	
16	MW-394						2	2																						026	
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS											
<b>BAL-23Q3 Rev 0</b>					J. Cole			8-7		1608		Gina Owens				8/7/23		1608		Y N											
<i>Re 226/228 CoC</i>																															

<b>SAMPLER NAME AND SIGNATURE</b>			
PRINT Name of SAMPLER: <i>Justin Cole</i>		DATE Signed (MM/DD/YY): <i>8-7-23</i>	
SIGNATURE of SAMPLER: <i>[Signature]</i>			

*Morgan Petin 8/7/23 1615*

BALDWIN\_LEAPS  
BAL-845-605  
23071340

### 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    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:		Residual Chlorine (Y/N)		
				Profile #:		Project No./ Lab I.D.		

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 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-MPCP-605
1	OW-156																									
2	OW-157																									
3	OW-256						2	2												23071340-028						
4	OW-257						2	2												029						
5	PZ-170						2	2												030						
6	PZ-182						2	2												031						
7	TPZ-164				8-7-23	1303	2	2												032						
8	XPW01						2	2												033						
9	XPW05						2	2												034						
10	XPW06						2	2												035						
11	Field Blank				8-7-23	1330	2	2												036						
12	MW-304 Duplicate						2	2												037						
13																										
14																										
15																										
16																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-23Q3 Rev 0 R226/228 GC	J. Gop	8-7	1605	Morgan Petia	8/7/23	1100	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: <b>Justin Gop</b>	DATE Signed (MM/DD/YY): <b>8-7-23</b>				
SIGNATURE of SAMPLER: <i>[Signature]</i>					

Morgan Petia 8/7/23 1615



**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	<b>GROUND WATER</b>	DRINKING WATER
UST	RCRA	OTHER
Site Location		<b>IL</b>
STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED DATE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	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 ↓ Y/N ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
								BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-CLOSURE-605	BAL-SUP-000	BAL-WPCP-605					
1	PZ-182 Sample IDs MUST BE UNIQUE		8/15/23 1237		2		X	X	X	X	X							23071340-038	
2	OW-156		11:31															N/A	
3	OW-157		1304															N/A	
4																			
5																			
6																			
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-23Q3 Rev 0</b>	<i>Tracy Carroll</i>	8/15/23	1454	<i>[Signature]</i>	8/15/23	1454	4.6 Y N
Resampling, only.							0.1 Y N

<b>SAMPLER NAME AND SIGNATURE</b>		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	<i>Tracy Carroll</i>				
SIGNATURE of SAMPLER:	<i>Tracy Carroll</i>	DATE Signed (MM/DD/YY):	8/15/23		

1
2
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12

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Elizabeth A Hurley  
TekLab, Inc

5445 Horseshoe Lake Road  
Collinsville, Illinois 62234

Generated 10/3/2023 2:03:51 PM Revision 1

## JOB DESCRIPTION

Radium-226 and Radium-228  
SDG NUMBER 23071340

## JOB NUMBER

160-51003-1

# 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



Generated  
10/3/2023 2:03:51 PM  
Revision 1

Authorized for release by  
Erika Jordan, Project Manager  
[erika.jordan@et.eurofinsus.com](mailto:erika.jordan@et.eurofinsus.com)  
Designee for  
Jayna Awalt, Project Manager II  
[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)  
(314)298-8566



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# Case Narrative

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS  
Job ID: 160-51003-1  
SDG: 23071340

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

**Job ID: 160-51003-1**

**Laboratory: Eurofins St. Louis**

## Narrative

### Job Narrative 160-51003-1 Revision 1

#### Revision 1

A revised report was requested with updated sample times for the following samples: 23071340-006A from 9:08 to 9:21, 23071340-018A from 9:57 to 10:19, 23071340-019A from 10:19 to 9:57, 23071340-027A from 11:08 to 11:07.

#### Receipt

The samples were received on 8/18/2023 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved. The temperatures of the 5 coolers at receipt time were 6.0° C, 20.0° C, 20.7° C, 20.9° C and 21.2° C.

#### Receipt Exceptions

The following sample was received with 700mL in the container, while the requested analysis calls for a minimum of 1L: 23071340-030A (160-51003-30).

The following sample was listed on the Chain of Custody (COC); however, no sample was received: 23071340-029A (160-51003-29). No analyses were marked as requested on the COC.

The reference method requires samples to be preserved to a pH of <2. The following samples were received with insufficient preservation at a pH of 5: 23071340-023A (160-51003-23) and 23071340-024A (160-51003-24). The samples were 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.

#### Method 904.0: Radium-228

The detection goal was not met for the following sample(s). Samples were prepped at a reduced volume due to the presence of matrix interferences: 23071340-002A (160-51003-2), 23071340-003A (160-51003-3), 23071340-005A (160-51003-5), 23071340-007A (160-51003-7) and 23071340-020A (160-51003-20). Analytical results are reported with the detection limit achieved.

The Ra-228 laboratory control sample (LCS) associated with the following samples recovered at 129%: (LCS 160-624957/2-A). The limits in our LIMS system at (75-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (63-154%) per method requirements. The LCS is within criteria and no further action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Pg \_\_\_\_ of \_\_\_\_  
**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  Lab  Field   
Teklab Inc  
5445 Horseshoe Lake Road  
Collinsville, IL 62234  
Cooler Temp: \_\_\_\_\_ Sampler: \_\_\_\_\_  
Preserved in: \_\_\_\_\_ QC Level: 3


Comments: **Please issue reports and invoices via email only**  
Please analyze for Radium 22/228 per standard GW methods.  
Changes to methods must be approved by Teklab, Inc.  
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project#: 23071340  
Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standat TAT Billing/PO: 84841  
Phone: 618 344-1004 ext. 33

**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.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	23071340-04A	8/15/23 12:37	HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater

Ra226/228



160-51003 Chain of Custody

Relinquished By: [Signature] Date/Time: 8/15/23  
 Received By: [Signature] Date/Time: 8-18-23 1:00 PM  
8/18/23 2:36  
8/18/23 1:43

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)

SubCp:RevA  
3/2/2016



**TEKLAB, INC. Chain of Custody**

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Pg 1 of 4

Are the samples chilled? YES  NO  With:  Ice  Blue Ice  Preserved in:  Lab  Field

**Teklab Inc**  
 5445 Horseshoe Lake Road  
 Collinsville, IL 62234

Project#: 23071340

Contact: Elizabeth Hurley  
 Email: ehurley@teklabinc.com  
 Requested Due Date: Standad TAT  
 Billing/PO: 34841

Cooler Temp: [ ] Sampler: T. Carroll/B. Gillihan/J. Colp  
 QC Level: 3

Comments: **Please issue reports and invoices via email only**  
 Please analyze for Radium 22/228 per standard GW methods.  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Phone: 618 344-1004 ext. 33

**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.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	23071340-001A	8/7/23 1125	HNO3	Groundwater
	23071340-002A	8/7/23 1057	HNO3	Groundwater
	23071340-003A	8/4/23 1339	HNO3	Groundwater
	23071340-004A	8/4/23 1148	HNO3	Groundwater
	23071340-005A	8/4/23 1010	HNO3	Groundwater
	23071340-006A	8/4/23 0908	HNO3	Groundwater
	23071340-007A	8/4/23 1412	HNO3	Groundwater
	23071340-008A	8/4/23 1207	HNO3	Groundwater
	23071340-009A	8/3/23 1510	HNO3	Groundwater
	23071340-010A	8/4/23 1110	HNO3	Groundwater
	23071340-011A	8/7/23 1148	HNO3	Groundwater



*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	8/8/23 9:38 am	<i>[Signature]</i>	8-8-23 3:59
		<i>[Signature]</i>	8-9-23 9:38



**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

Project#: 23071340

Contact: Elizabeth Hurley  
 Requested Due Date: Standad TAT

Sampler: T. Carroll/B. Gillihan/J. Colp  
 Cooler Temp: [ ] QC Level: 3

Email: ehurley@teklabinc.com  
 Billing/PO: 34841

Phone: 618 344-1004 ext. 33

Comments: **Please issue reports and invoices via email only**  
 Please analyze for Radium 22/228 per standard GW methods.  
 Changes to methods must be approved by Teklab, Inc.  
 Batch QC is required for all analyses requested. Excel EDD requested. IL site.

**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.

23071340-012A	8/4/23 1257	HNO3	Groundwater	✓																
23071340-013A	8/3/23 1322	HNO3	Groundwater	✓																
23071340-014A	8/7/23 1231	HNO3	Groundwater	✓																
23071340-015A	8/4/23 0954	HNO3	Groundwater	✓																
23071340-016A	8/3/23 1433	HNO3	Groundwater	✓																
23071340-017A	8/3/23 1500	HNO3	Groundwater	✓																
23071340-018A	8/7/23 0957	HNO3	Groundwater	✓																
23071340-019A	8/7/23 1019	HNO3	Groundwater	✓																
23071340-020A	8/3/23 1555	HNO3	Groundwater	✓																
23071340-021A	8/3/23 1413	HNO3	Groundwater	✓																
23071340-022A	8/3/23 1438	HNO3	Groundwater	✓																

*Relinquished By	8/8/23	Received By	8-8-23 3:59
8-9-23 9:38am	Burns	8-9-23 09:38	

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 OAM 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: T. Carroll/B. Gillihan/J. Colp

QC Level: 3

Comments: **Please issue reports and invoices via email only**

Please analyze for Radium 22/228 per standard GW methods.

Changes to methods must be approved by Teklab, Inc.

Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 23071340

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com  
Requested Due Date: Standad TAT Billing/PO: 34841

Phone: 618 344-1004 ext. 33

**PLEASE NOTE:**

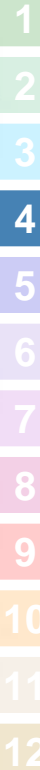
NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	23071340-034A	8/3/23 1314	HNO3	Groundwater
	23071340-035A	8/3/23 1339	HNO3	Groundwater
	23071340-036A	8/7/23 1330	HNO3	Groundwater
	23071340-037A	8/3/23 1510	HNO3	Aqueous
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater

Ra226/228

*Relinquished By	Date/Time	Received By	Date/Time
<i>Amie</i>	8/18/23	<i>RMK</i>	8-6-23 3:59
<i>Amie</i>	9-7-23	<i>Business Manager</i>	8-7-23 0958

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## Jayna Awalt

---

**From:** Elizabeth A. Hurley <EHurley@TekLabInc.com>  
**Sent:** Friday, August 18, 2023 8:00 AM  
**To:** Jayna Awalt  
**Subject:** RE: Teklab WO# 23071340

**Categories:** Waiting on response

EXTERNAL EMAIL\*

A quick follow-up... Once you receive the resample containers for 23070390 and 23071340, please cancel/do not report 23070390-001, 23070390-024, and 23071340-031. The resamples are replacing these. I understand that analyses have already been started and expect to be billed for them despite the cancellation for reporting.

I apologize for the inconvenience that this is causing.

Thanks, again!

Elizabeth Hurley  
Director of Customer Service



Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234  
Phone: (618) 344-1004 Ext. 33  
Cell: (618) 791-8119  
Fax: (618) 344-1005  
E-mail: [ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)  
[www.teklabinc.com](http://www.teklabinc.com)

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---

**From:** Elizabeth A. Hurley  
**Sent:** Thursday, August 17, 2023 5:34 PM

**To:** 'Jayna Awalt' <Jayna.Awalt@et.eurofinsus.com>  
**Subject:** RE: Teklab WO# 23071340

Thanks for the note, Jayna. It sounds like they might have gotten left behind but will be delivered tomorrow (Friday) with the 23070390 resamples.

Have a great day!

Elizabeth Hurley  
Director of Customer Service



Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234  
Phone: (618) 344-1004 Ext. 33  
Cell: (618) 791-8119  
Fax: (618) 344-1005  
E-mail: [ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)  
[www.teklabinc.com](http://www.teklabinc.com)

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---

**From:** Jayna Awalt <[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)>  
**Sent:** Thursday, August 17, 2023 5:16 PM  
**To:** Elizabeth A. Hurley <[EHurley@TekLabInc.com](mailto:EHurley@TekLabInc.com)>  
**Cc:** Jayna Awalt <[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)>  
**Subject:** RE: Teklab WO# 23071340  
**Importance:** High

We still have not received this re-sample. Can you let me know when it is coming?

Also, we are not typically here after 5pm. I know 6 coolers got dropped off yesterday evening at 530pm. Someone happened to be here but just FYI typically they are not.

Thanks,

**Jayna K. Awalt**  
Senior Project Manager  
Eurofins TestAmerica St. Louis

Phone: 314-298-8566  
Direct: 314-787-8277

E-mail: [Jayna.Awalt@ET.EurofinsUS.com](mailto:Jayna.Awalt@ET.EurofinsUS.com)

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**From:** Elizabeth A. Hurley <[EHurley@TekLabInc.com](mailto:EHurley@TekLabInc.com)>  
**Sent:** Tuesday, August 15, 2023 10:41 AM  
**To:** Jayna Awalt <[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)>  
**Subject:** RE: Teklab WO# 23071340

EXTERNAL EMAIL\*

Understood, Jayna. Thanks so much for your help. Hopefully, this is the only time we have to do this type of resampling.

Have a great day!

Elizabeth Hurley  
Director of Customer Service



Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234  
Phone: (618) 344-1004 Ext. 33  
Cell: (618) 791-8119  
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E-mail: [ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)  
[www.teklabinc.com](http://www.teklabinc.com)

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---

**From:** Jayna Awalt <[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)>  
**Sent:** Tuesday, August 15, 2023 10:33 AM  
**To:** Elizabeth A. Hurley <[EHurley@TekLabInc.com](mailto:EHurley@TekLabInc.com)>  
**Subject:** RE: Teklab WO# 23071340

Good morning Elizabeth,

I can have that sample added to SDG 160-51003 with the other 23071340 WO samples. This will create a new job start date and once received we will restart the 20 BD TAT.

Thanks,

**Jayna K. Awalt**  
Senior Project Manager  
Eurofins TestAmerica St. Louis

Phone: 314-298-8566  
Direct: 314-787-8277

E-mail: [Jayna.Awalt@ET.EurofinsUS.com](mailto:Jayna.Awalt@ET.EurofinsUS.com)

---

**From:** Elizabeth A. Hurley <[EHurley@TekLabInc.com](mailto:EHurley@TekLabInc.com)>  
**Sent:** Tuesday, August 15, 2023 7:55 AM  
**To:** Jayna Awalt <[Jayna.Awalt@et.eurofinsus.com](mailto:Jayna.Awalt@et.eurofinsus.com)>  
**Subject:** Teklab WO# 23071340

EXTERNAL EMAIL\*

Good morning, Jayna,

Teklab is required to resample at one location for WO# 23071340 and keep it on the original WO# for final reporting. We'll be delivering 23071340-045 to Eurofins-STL tomorrow or Thursday. Please include it with the original WO# and invoice. The fastest TAT available is requested in order to help expedite final reporting. We understand the constraints of the analytical process.

Thanks.

Have a great day!

Elizabeth Hurley  
Director of Customer Service



Teklab, Inc.  
5445 Horseshoe Lake Road  
Collinsville, IL 62234  
Phone: (618) 344-1004 Ext. 33  
Cell: (618) 791-8119  
Fax: (618) 344-1005  
E-mail: [ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)  
[www.teklabinc.com](http://www.teklabinc.com)

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## Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-51003-1

SDG Number: 23071340

**Login Number: 51003**

**List Number: 1**

**Creator: Worthington, Sierra M**

**List Source: Eurofins St. Louis**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> 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	Rec sample 038A on 8/18 at 1430 added to current job per client request
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?	True	
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.	False	Limited volume received for sample 23071340-030A (700mL).
Sample Preservation Verified.	True	Samples 23071340-023/23071340-024 were preserved upon arrival.
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Sample 23071340-030A will require a reduced aliquot.
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



# Definitions/Glossary

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

## Qualifiers

### Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

845 QUARTERLY REPORT -

ATTACHMENT B.

QUARTER 3, 2023

BALDWIN, FAPS

Job ID: 160-51003-1

SDG: 23071340

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 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-51003-1	23071340-001A	Water	08/07/23 11:25	08/18/23 14:30
160-51003-2	23071340-002A	Water	08/07/23 10:57	08/18/23 14:30
160-51003-3	23071340-003A	Water	08/04/23 13:39	08/18/23 14:30
160-51003-4	23071340-004A	Water	08/04/23 11:48	08/18/23 14:30
160-51003-5	23071340-005A	Water	08/04/23 10:10	08/18/23 14:30
160-51003-6	23071340-006A	Water	08/04/23 09:21	08/18/23 14:30
160-51003-7	23071340-007A	Water	08/04/23 14:12	08/18/23 14:30
160-51003-8	23071340-008A	Water	08/04/23 12:07	08/18/23 14:30
160-51003-9	23071340-009A	Water	08/03/23 15:10	08/18/23 14:30
160-51003-10	23071340-010A	Water	08/04/23 11:10	08/18/23 14:30
160-51003-11	23071340-011A	Water	08/07/23 11:48	08/18/23 14:30
160-51003-12	23071340-012A	Water	08/04/23 12:57	08/18/23 14:30
160-51003-13	23071340-013A	Water	08/03/23 13:22	08/18/23 14:30
160-51003-14	23071340-014A	Water	08/07/23 12:31	08/18/23 14:30
160-51003-15	23071340-015A	Water	08/04/23 09:54	08/18/23 14:30
160-51003-16	23071340-016A	Water	08/03/23 14:33	08/18/23 14:30
160-51003-17	23071340-017A	Water	08/03/23 15:00	08/18/23 14:30
160-51003-18	23071340-018A	Water	08/07/23 10:19	08/18/23 14:30
160-51003-19	23071340-019A	Water	08/07/23 09:57	08/18/23 14:30
160-51003-20	23071340-020A	Water	08/03/23 15:55	08/18/23 14:30
160-51003-21	23071340-021A	Water	08/03/23 14:13	08/18/23 14:30
160-51003-22	23071340-022A	Water	08/03/23 14:38	08/18/23 14:30
160-51003-23	23071340-023A	Water	08/04/23 09:17	08/18/23 14:30
160-51003-24	23071340-024A	Water	08/04/23 10:20	08/18/23 14:30
160-51003-25	23071340-025A	Water	08/03/23 12:21	08/18/23 14:30
160-51003-26	23071340-026A	Water	08/03/23 11:43	08/18/23 14:30
160-51003-27	23071340-027A	Water	08/03/23 11:07	08/18/23 14:30
160-51003-28	23071340-028A	Water	08/03/23 14:07	08/18/23 14:30
160-51003-30	23071340-030A	Water	08/04/23 11:16	08/18/23 14:30
160-51003-32	23071340-032A	Water	08/07/23 13:03	08/18/23 14:30
160-51003-33	23071340-033A	Water	08/03/23 12:39	08/18/23 14:30
160-51003-34	23071340-034A	Water	08/03/23 13:14	08/18/23 14:30
160-51003-35	23071340-035A	Water	08/03/23 13:39	08/18/23 14:30
160-51003-36	23071340-036A	Water	08/07/23 13:30	08/18/23 14:30
160-51003-37	23071340-037A	Water	08/03/23 15:10	08/18/23 14:30
160-51003-38	23071340-038A	Water	08/15/23 12:37	08/18/23 14:30



# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-001A**  
 Date Collected: 08/07/23 11:25  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-1**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0667	U	0.0829	0.0832	1.00	0.137	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.510	U	0.406	0.409	1.00	0.628	pCi/L	08/10/23 09:40	08/23/23 14:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/10/23 09:40	08/23/23 14:37	1
Y Carrier	82.2		30 - 110					08/10/23 09:40	08/23/23 14:37	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	0.576	U	0.414	0.417	5.00	0.628	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-002A**  
 Date Collected: 08/07/23 10:57  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-2**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.615		0.259	0.265	1.00	0.262	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.8		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.528	U G	0.949	0.950	1.00	1.64	pCi/L	08/10/23 09:40	08/23/23 14:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	59.8		30 - 110					08/10/23 09:40	08/23/23 14:38	1
Y Carrier	80.0		30 - 110					08/10/23 09:40	08/23/23 14:38	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	1.14	U	0.984	0.986	5.00	1.64	pCi/L		09/15/23 17:00	1

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-003A**  
 Date Collected: 08/04/23 13:39  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-3**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0488	U	0.121	0.121	1.00	0.226	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.549	U G	0.777	0.778	1.00	1.31	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	81.1		30 - 110					08/10/23 09:40	08/23/23 14:39	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	0.598	U	0.786	0.787	5.00	1.31	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-004A**  
 Date Collected: 08/04/23 11:48  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-4**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0466	U	0.0629	0.0631	1.00	0.106	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.201	U	0.305	0.305	1.00	0.520	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	78.5		30 - 110					08/10/23 09:40	08/23/23 14:39	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	0.247	U	0.311	0.311	5.00	0.520	pCi/L		09/15/23 17:00	1

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-005A**  
 Date Collected: 08/04/23 10:10  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-5**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.353	U	0.326	0.327	1.00	0.506	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	46.3		30 - 110					08/10/23 09:37	09/01/23 11:56	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	2.26	U G	1.52	1.54	1.00	2.29	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	46.3		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	80.7		30 - 110					08/10/23 09:40	08/23/23 14:39	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	2.61		1.55	1.57	5.00	2.29	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-006A**  
 Date Collected: 08/04/23 09:21  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-6**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0295	U	0.0721	0.0721	1.00	0.132	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.107	U	0.341	0.341	1.00	0.612	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	77.4		30 - 110					08/10/23 09:40	08/23/23 14:39	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	0.137	U	0.349	0.349	5.00	0.612	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-007A

Date Collected: 08/04/23 14:12

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-7

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.337	U	0.291	0.292	1.00	0.431	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	38.5		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.842	U G	1.52	1.52	1.00	2.63	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	38.5		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	75.1		30 - 110					08/10/23 09:40	08/23/23 14:39	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	1.18	U	1.55	1.55	5.00	2.63	pCi/L		09/15/23 17:00	1

Client Sample ID: 23071340-008A

Date Collected: 08/04/23 12:07

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-8

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.210		0.109	0.110	1.00	0.135	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					08/10/23 09:37	09/01/23 11:56	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	0.435	U	0.391	0.393	1.00	0.614	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.7		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	80.7		30 - 110					08/10/23 09:40	08/23/23 14:39	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	0.645		0.406	0.408	5.00	0.614	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-009A**  
 Date Collected: 08/03/23 15:10  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-9**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.210		0.113	0.115	1.00	0.149	pCi/L	08/10/23 09:37	09/01/23 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:37	09/01/23 11:55	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	0.728		0.406	0.411	1.00	0.571	pCi/L	08/10/23 09:40	08/23/23 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:40	08/23/23 14:39	1
Y Carrier	78.9		30 - 110					08/10/23 09:40	08/23/23 14:39	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	0.937		0.421	0.427	5.00	0.571	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-010A**  
 Date Collected: 08/04/23 11:10  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-10**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0397	U	0.0758	0.0758	1.00	0.134	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					08/10/23 09:37	09/01/23 11:52	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	0.204	U	0.379	0.379	1.00	0.652	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	79.6		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.243	U	0.387	0.387	5.00	0.652	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-011A

Lab Sample ID: 160-51003-11

Date Collected: 08/07/23 11:48

Matrix: Water

Date Received: 08/18/23 14:30

## 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	0.668		0.156	0.167	1.00	0.125	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.5		30 - 110					08/10/23 09:37	09/01/23 11:52	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	1.08		0.435	0.446	1.00	0.546	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.5		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	80.7		30 - 110					08/10/23 09:40	08/23/23 14:42	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	1.75		0.462	0.476	5.00	0.546	pCi/L		09/15/23 17:00	1

Client Sample ID: 23071340-012A

Lab Sample ID: 160-51003-12

Date Collected: 08/04/23 12:57

Matrix: Water

Date Received: 08/18/23 14:30

## 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	0.558		0.149	0.157	1.00	0.134	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		30 - 110					08/10/23 09:37	09/01/23 11:52	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	0.108	U	0.403	0.404	1.00	0.722	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	74.8		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.665	U	0.430	0.433	5.00	0.722	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-013A

Date Collected: 08/03/23 13:22

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-13

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.165		0.0874	0.0886	1.00	0.107	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					08/10/23 09:37	09/01/23 11:52	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	0.183	U	0.308	0.308	1.00	0.530	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	82.6		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.348	U	0.320	0.320	5.00	0.530	pCi/L		09/15/23 17:00	1

Client Sample ID: 23071340-014A

Date Collected: 08/07/23 12:31

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-14

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.186		0.0918	0.0934	1.00	0.108	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:37	09/01/23 11:52	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	0.722		0.472	0.476	1.00	0.714	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	82.6		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.908		0.481	0.485	5.00	0.714	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-015A**  
 Date Collected: 08/04/23 09:54  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-15**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.148	U	0.110	0.111	1.00	0.158	pCi/L	08/10/23 09:37	09/01/23 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					08/10/23 09:37	09/01/23 11:52	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	0.527	U	0.541	0.543	1.00	0.876	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	80.7		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.675	U	0.552	0.554	5.00	0.876	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-016A**  
 Date Collected: 08/03/23 14:33  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-16**  
 Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.156	U	0.112	0.113	1.00	0.158	pCi/L	08/10/23 09:37	09/01/23 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					08/10/23 09:37	09/01/23 11:51	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	0.439	U	0.513	0.515	1.00	0.845	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.8		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	82.6		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.595	U	0.525	0.527	5.00	0.845	pCi/L		09/15/23 17:00	1

# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-017A**  
 Date Collected: 08/03/23 15:00  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-17**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.330		0.117	0.120	1.00	0.121	pCi/L	08/10/23 09:37	09/01/23 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/10/23 09:37	09/01/23 11:51	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	0.513	U	0.404	0.407	1.00	0.623	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	80.4		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.843		0.421	0.424	5.00	0.623	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-018A**  
 Date Collected: 08/07/23 10:19  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-18**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0324	U	0.108	0.108	1.00	0.200	pCi/L	08/10/23 09:37	09/01/23 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.5		30 - 110					08/10/23 09:37	09/01/23 11:51	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	0.185	U	0.566	0.567	1.00	1.00	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.5		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	81.9		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.217	U	0.576	0.577	5.00	1.00	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-019A**

Date Collected: 08/07/23 09:57

Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-19**

Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.183		0.0945	0.0959	1.00	0.117	pCi/L	08/10/23 09:37	09/01/23 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/10/23 09:37	09/01/23 11:51	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	0.00666	U	0.233	0.233	1.00	0.447	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	87.1		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.190	U	0.251	0.252	5.00	0.447	pCi/L		09/15/23 17:00	1

**Client Sample ID: 23071340-020A**

Date Collected: 08/03/23 15:55

Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-20**

Matrix: Water

**Method: EPA 903.0 - Radium-226 (GFPC)**

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.248	U	0.204	0.205	1.00	0.302	pCi/L	08/10/23 09:37	09/01/23 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.5		30 - 110					08/10/23 09:37	09/01/23 11:51	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	0.656	U G	0.863	0.865	1.00	1.44	pCi/L	08/10/23 09:40	08/23/23 14:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.5		30 - 110					08/10/23 09:40	08/23/23 14:42	1
Y Carrier	84.5		30 - 110					08/10/23 09:40	08/23/23 14:42	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	0.904	U	0.887	0.889	5.00	1.44	pCi/L		09/15/23 17:00	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-021A

Date Collected: 08/03/23 14:13

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-21

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122	U	0.123	0.123	1.00	0.196	pCi/L	08/10/23 09:43	09/01/23 07:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/10/23 09:43	09/01/23 07:39	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	1.14		0.524	0.534	1.00	0.691	pCi/L	08/10/23 09:45	08/23/23 14:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					08/10/23 09:45	08/23/23 14:19	1
Y Carrier	80.7		30 - 110					08/10/23 09:45	08/23/23 14:19	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	1.26		0.538	0.548	5.00	0.691	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-022A

Date Collected: 08/03/23 14:38

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-22

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.194		0.108	0.109	1.00	0.129	pCi/L	08/10/23 09:43	09/01/23 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/10/23 09:43	09/01/23 07:40	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	0.268	U	0.449	0.449	1.00	0.768	pCi/L	08/10/23 09:45	08/23/23 14:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/10/23 09:45	08/23/23 14:19	1
Y Carrier	81.9		30 - 110					08/10/23 09:45	08/23/23 14:19	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	0.462	U	0.462	0.462	5.00	0.768	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-023A

Date Collected: 08/04/23 09:17

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-23

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.207		0.0966	0.0984	1.00	0.104	pCi/L	08/10/23 09:43	09/01/23 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					08/10/23 09:43	09/01/23 07:40	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	1.42		0.471	0.489	1.00	0.547	pCi/L	08/10/23 09:45	08/23/23 14:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					08/10/23 09:45	08/23/23 14:19	1
Y Carrier	83.7		30 - 110					08/10/23 09:45	08/23/23 14:19	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	1.63		0.481	0.499	5.00	0.547	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-024A

Date Collected: 08/04/23 10:20

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-24

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.436		0.160	0.165	1.00	0.155	pCi/L	08/10/23 09:43	09/01/23 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.0		30 - 110					08/10/23 09:43	09/01/23 07:40	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	0.679	U	0.512	0.516	1.00	0.778	pCi/L	08/10/23 09:45	08/23/23 14:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.0		30 - 110					08/10/23 09:45	08/23/23 14:19	1
Y Carrier	83.0		30 - 110					08/10/23 09:45	08/23/23 14:19	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	1.11		0.536	0.542	5.00	0.778	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-025A**  
 Date Collected: 08/03/23 12:21  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-25**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.150		0.0857	0.0868	1.00	0.104	pCi/L	08/10/23 09:43	09/01/23 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/10/23 09:43	09/01/23 07:42	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	1.04		0.473	0.483	1.00	0.641	pCi/L	08/10/23 09:45	08/23/23 14:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.5		30 - 110					08/10/23 09:45	08/23/23 14:19	1
Y Carrier	80.7		30 - 110					08/10/23 09:45	08/23/23 14:19	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	1.19		0.481	0.491	5.00	0.641	pCi/L		09/15/23 17:01	1

**Client Sample ID: 23071340-026A**  
 Date Collected: 08/03/23 11:43  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-26**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0820	U	0.0826	0.0829	1.00	0.127	pCi/L	08/10/23 09:43	09/01/23 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					08/10/23 09:43	09/01/23 07:42	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	0.261	U	0.387	0.388	1.00	0.657	pCi/L	08/10/23 09:45	08/23/23 14:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					08/10/23 09:45	08/23/23 14:20	1
Y Carrier	82.2		30 - 110					08/10/23 09:45	08/23/23 14:20	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	0.343	U	0.396	0.397	5.00	0.657	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-027A

Date Collected: 08/03/23 11:07

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-27

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0967	U	0.0839	0.0844	1.00	0.121	pCi/L	08/10/23 09:43	09/01/23 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.0		30 - 110					08/10/23 09:43	09/01/23 07:42	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	0.403	U	0.422	0.424	1.00	0.681	pCi/L	08/10/23 09:45	08/23/23 14:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.0		30 - 110					08/10/23 09:45	08/23/23 14:20	1
Y Carrier	78.9		30 - 110					08/10/23 09:45	08/23/23 14:20	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	0.500	U	0.430	0.432	5.00	0.681	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-028A

Date Collected: 08/03/23 14:07

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-28

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.158		0.110	0.111	1.00	0.152	pCi/L	08/10/23 09:43	09/01/23 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:43	09/01/23 07:42	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	0.105	U	0.365	0.365	1.00	0.660	pCi/L	08/10/23 09:45	08/23/23 14:20	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					08/10/23 09:45	08/23/23 14:20	1
Y Carrier	83.0		30 - 110					08/10/23 09:45	08/23/23 14:20	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	0.263	U	0.381	0.382	5.00	0.660	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-030A

Date Collected: 08/04/23 11:16

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-30

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.221		0.122	0.124	1.00	0.147	pCi/L	08/10/23 09:43	09/01/23 07:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					08/10/23 09:43	09/01/23 07:42	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	0.941		0.583	0.590	1.00	0.857	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.2		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	83.4		30 - 110					08/10/23 09:45	08/23/23 14:30	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	1.16		0.596	0.603	5.00	0.857	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-032A

Date Collected: 08/07/23 13:03

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-32

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122		0.0835	0.0842	1.00	0.114	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					08/10/23 09:43	09/01/23 07:46	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	0.246	U	0.313	0.314	1.00	0.521	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	84.5		30 - 110					08/10/23 09:45	08/23/23 14:30	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	0.368	U	0.324	0.325	5.00	0.521	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.  
 945 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

**Client Sample ID: 23071340-033A**  
 Date Collected: 08/03/23 12:39  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-33**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0563	U	0.105	0.105	1.00	0.186	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					08/10/23 09:43	09/01/23 07:46	1

## Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-228</b>	<b>0.865</b>		0.524	0.530	1.00	0.754	pCi/L	08/10/23 09:45	08/23/23 14:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					08/10/23 09:45	08/23/23 14:29	1
Y Carrier	75.5		30 - 110					08/10/23 09:45	08/23/23 14:29	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
<b>Radium 226 and 228</b>	<b>0.921</b>		0.534	0.540	5.00	0.754	pCi/L		09/15/23 17:01	1

**Client Sample ID: 23071340-034A**  
 Date Collected: 08/03/23 13:14  
 Date Received: 08/18/23 14:30

**Lab Sample ID: 160-51003-34**  
 Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.209	U	0.153	0.154	1.00	0.221	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.0		30 - 110					08/10/23 09:43	09/01/23 07:46	1

## Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
<b>Radium-228</b>	<b>0.983</b>		0.639	0.646	1.00	0.945	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.0		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	86.0		30 - 110					08/10/23 09:45	08/23/23 14:30	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
<b>Radium 226 and 228</b>	<b>1.19</b>		0.657	0.664	5.00	0.945	pCi/L		09/15/23 17:01	1

# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-035A

Date Collected: 08/03/23 13:39

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-35

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.298		0.141	0.143	1.00	0.169	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/10/23 09:43	09/01/23 07:46	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	0.666	U	0.538	0.542	1.00	0.840	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	82.6		30 - 110					08/10/23 09:45	08/23/23 14:30	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	0.964		0.556	0.561	5.00	0.840	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-036A

Date Collected: 08/07/23 13:30

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-36

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0574	U	0.0648	0.0650	1.00	0.103	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					08/10/23 09:43	09/01/23 07:46	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	-0.0560	U	0.317	0.317	1.00	0.617	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	76.6		30 - 110					08/10/23 09:45	08/23/23 14:30	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	0.0574	U	0.324	0.324	5.00	0.617	pCi/L		09/15/23 17:01	1

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# Client Sample Results

ATTACHMENT B.

945 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

Client Sample ID: 23071340-037A

Date Collected: 08/03/23 15:10

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-37

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.123		0.0826	0.0833	1.00	0.111	pCi/L	08/10/23 09:43	09/01/23 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/10/23 09:43	09/01/23 07:46	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	0.182	U	0.277	0.277	1.00	0.472	pCi/L	08/10/23 09:45	08/23/23 14:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.0		30 - 110					08/10/23 09:45	08/23/23 14:30	1
Y Carrier	86.0		30 - 110					08/10/23 09:45	08/23/23 14:30	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	0.305	U	0.289	0.289	5.00	0.472	pCi/L		09/15/23 17:01	1

Client Sample ID: 23071340-038A

Date Collected: 08/15/23 12:37

Date Received: 08/18/23 14:30

Lab Sample ID: 160-51003-38

Matrix: Water

## Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0813	U	0.0714	0.0717	1.00	0.104	pCi/L	08/22/23 09:49	09/13/23 07:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					08/22/23 09:49	09/13/23 07:25	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	1.32		0.451	0.467	1.00	0.541	pCi/L	08/22/23 09:53	09/07/23 11:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					08/22/23 09:53	09/07/23 11:36	1
Y Carrier	86.7		30 - 110					08/22/23 09:53	09/07/23 11:36	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	1.40		0.457	0.472	5.00	0.541	pCi/L		09/15/23 15:50	1

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# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-623636/1-A  
 Matrix: Water  
 Analysis Batch: 626386

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 623636

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.01249	U	0.0539	0.0540	1.00	0.106	pCi/L	08/10/23 09:37	09/01/23 11:56	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	88.2		30 - 110					08/10/23 09:37	09/01/23 11:56	1

Lab Sample ID: LCS 160-623636/2-A  
 Matrix: Water  
 Analysis Batch: 626386

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 623636

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	10.18		1.09	1.00	0.144	pCi/L	90	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits		Prepared	Analyzed	Dil Fac		
Ba Carrier	83.3		30 - 110					08/10/23 09:37	09/01/23 11:56

Lab Sample ID: LCSD 160-623636/3-A  
 Matrix: Water  
 Analysis Batch: 626386

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 623636

Analyte	Spike Added	LCSD Result	LCSD Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits	RER	Limit
				Uncert. (2σ+/-)							
Radium-226	11.3	11.47		1.22	1.00	0.145	pCi/L	101	75 - 125	0.56	1
Carrier	LCSD %Yield	LCSD Qualifier	Limits		Prepared	Analyzed	Dil Fac				
Ba Carrier	76.2		30 - 110					08/10/23 09:43	09/01/23 07:39	1	

Lab Sample ID: MB 160-623638/1-A  
 Matrix: Water  
 Analysis Batch: 626379

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 623638

Analyte	MB		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
Radium-226	0.07968	U	0.0733	0.0737	1.00	0.111	pCi/L	08/10/23 09:43	09/01/23 07:39	1
Carrier	MB %Yield	MB Qualifier	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	81.4		30 - 110					08/10/23 09:43	09/01/23 07:39	1

Lab Sample ID: LCS 160-623638/2-A  
 Matrix: Water  
 Analysis Batch: 626379

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 623638

Analyte	Spike Added	LCS Result	LCS Qual	Total	RL	MDC	Unit	%Rec	%Rec Limits
				Uncert. (2σ+/-)					
Radium-226	11.3	10.66		1.12	1.00	0.105	pCi/L	94	75 - 125

# QC Sample Results

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

## Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-623638/2-A

Matrix: Water

Analysis Batch: 626379

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 623638

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.8		30 - 110

Lab Sample ID: MB 160-624956/1-A

Matrix: Water

Analysis Batch: 627936

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624956

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.006388	U	0.0589	0.0589	1.00	0.125	pCi/L	08/22/23 09:49	09/13/23 07:23	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	68.9		30 - 110							
								Prepared	Analyzed	Dil Fac
								08/22/23 09:49	09/13/23 07:23	1

Lab Sample ID: LCS 160-624956/2-A

Matrix: Water

Analysis Batch: 627936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 624956

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	11.3	10.65		1.15	1.00	0.115	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	80.2		30 - 110						

Lab Sample ID: LCSD 160-624956/3-A

Matrix: Water

Analysis Batch: 627936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 624956

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	11.3	11.13		1.20	1.00	0.130	pCi/L	98	75 - 125	0.20	1
Carrier	LCSD %Yield	LCSD Qualifier	Limits								
Ba Carrier	76.9		30 - 110								

## Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-623637/1-A

Matrix: Water

Analysis Batch: 625261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 623637

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1957	U	0.353	0.354	1.00	0.689	pCi/L	08/10/23 09:40	08/23/23 14:37	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	88.2		30 - 110							
								Prepared	Analyzed	Dil Fac
								08/10/23 09:40	08/23/23 14:37	1

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# QC Sample Results

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS  
 Lab ID: 160-51003-1  
 SDG: 23071340

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-623637/1-A  
 Matrix: Water  
 Analysis Batch: 625261

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 623637

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	84.9		30 - 110	08/10/23 09:40	08/23/23 14:37	1

Lab Sample ID: LCS 160-623637/2-A  
 Matrix: Water  
 Analysis Batch: 625261

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 623637

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.93	7.689		1.18	1.00	0.603	pCi/L	97	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	83.3		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: LCSD 160-623637/3-A  
 Matrix: Water  
 Analysis Batch: 625261

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 623637

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	7.93	8.606		1.30	1.00	0.659	pCi/L	108	75 - 125	0.37	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	76.2		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: MB 160-623639/1-A  
 Matrix: Water  
 Analysis Batch: 625263

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 623639

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3229	U	0.356	0.358	1.00	0.582	pCi/L	08/10/23 09:45	08/23/23 14:18	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.4		30 - 110	08/10/23 09:45	08/23/23 14:18	1
Y Carrier	84.1		30 - 110	08/10/23 09:45	08/23/23 14:18	1

Lab Sample ID: LCS 160-623639/2-A  
 Matrix: Water  
 Analysis Batch: 625263

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 623639

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.93	9.482		1.30	1.00	0.517	pCi/L	120	75 - 125



# QC Sample Results

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN, FAPS

Lab ID: 160-51003-1

SDG: 23071340

Client: TekLab, Inc

Project/Site: Radium-226 and Radium-228

## Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-623639/2-A

Matrix: Water

Analysis Batch: 625263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 623639

Carrier	LCS		Limits
	%Yield	Qualifier	
Ba Carrier	86.8		30 - 110
Y Carrier	82.6		30 - 110

Lab Sample ID: MB 160-624957/1-A

Matrix: Water

Analysis Batch: 627054

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 624957

Analyte	MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.7864		0.510	0.515	1.00	0.758	pCi/L	08/22/23 09:53	09/07/23 11:35	1

Carrier	MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	68.9		30 - 110	08/22/23 09:53	09/07/23 11:35	1
Y Carrier	83.0		30 - 110	08/22/23 09:53	09/07/23 11:35	1

Lab Sample ID: LCSD 160-624957/3-A

Matrix: Water

Analysis Batch: 627054

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 624957

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit

Carrier	LCSD		Limits
	%Yield	Qualifier	
Ba Carrier	76.9		30 - 110
Y Carrier	84.5		30 - 110

# QC Association Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Job ID: 160-51003-1  
SDG: 23071340

## Rad

### Prep Batch: 623636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-1	23071340-001A	Total/NA	Water	PrecSep-21	
160-51003-2	23071340-002A	Total/NA	Water	PrecSep-21	
160-51003-3	23071340-003A	Total/NA	Water	PrecSep-21	
160-51003-4	23071340-004A	Total/NA	Water	PrecSep-21	
160-51003-5	23071340-005A	Total/NA	Water	PrecSep-21	
160-51003-6	23071340-006A	Total/NA	Water	PrecSep-21	
160-51003-7	23071340-007A	Total/NA	Water	PrecSep-21	
160-51003-8	23071340-008A	Total/NA	Water	PrecSep-21	
160-51003-9	23071340-009A	Total/NA	Water	PrecSep-21	
160-51003-10	23071340-010A	Total/NA	Water	PrecSep-21	
160-51003-11	23071340-011A	Total/NA	Water	PrecSep-21	
160-51003-12	23071340-012A	Total/NA	Water	PrecSep-21	
160-51003-13	23071340-013A	Total/NA	Water	PrecSep-21	
160-51003-14	23071340-014A	Total/NA	Water	PrecSep-21	
160-51003-15	23071340-015A	Total/NA	Water	PrecSep-21	
160-51003-16	23071340-016A	Total/NA	Water	PrecSep-21	
160-51003-17	23071340-017A	Total/NA	Water	PrecSep-21	
160-51003-18	23071340-018A	Total/NA	Water	PrecSep-21	
160-51003-19	23071340-019A	Total/NA	Water	PrecSep-21	
160-51003-20	23071340-020A	Total/NA	Water	PrecSep-21	
MB 160-623636/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-623636/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-623636/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

### Prep Batch: 623637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-1	23071340-001A	Total/NA	Water	PrecSep_0	
160-51003-2	23071340-002A	Total/NA	Water	PrecSep_0	
160-51003-3	23071340-003A	Total/NA	Water	PrecSep_0	
160-51003-4	23071340-004A	Total/NA	Water	PrecSep_0	
160-51003-5	23071340-005A	Total/NA	Water	PrecSep_0	
160-51003-6	23071340-006A	Total/NA	Water	PrecSep_0	
160-51003-7	23071340-007A	Total/NA	Water	PrecSep_0	
160-51003-8	23071340-008A	Total/NA	Water	PrecSep_0	
160-51003-9	23071340-009A	Total/NA	Water	PrecSep_0	
160-51003-10	23071340-010A	Total/NA	Water	PrecSep_0	
160-51003-11	23071340-011A	Total/NA	Water	PrecSep_0	
160-51003-12	23071340-012A	Total/NA	Water	PrecSep_0	
160-51003-13	23071340-013A	Total/NA	Water	PrecSep_0	
160-51003-14	23071340-014A	Total/NA	Water	PrecSep_0	
160-51003-15	23071340-015A	Total/NA	Water	PrecSep_0	
160-51003-16	23071340-016A	Total/NA	Water	PrecSep_0	
160-51003-17	23071340-017A	Total/NA	Water	PrecSep_0	
160-51003-18	23071340-018A	Total/NA	Water	PrecSep_0	
160-51003-19	23071340-019A	Total/NA	Water	PrecSep_0	
160-51003-20	23071340-020A	Total/NA	Water	PrecSep_0	
MB 160-623637/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-623637/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-623637/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

# QC Association Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Lab ID: 160-51003-1  
SDG: 23071340

## Rad

### Prep Batch: 623638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-21	23071340-021A	Total/NA	Water	PrecSep-21	
160-51003-22	23071340-022A	Total/NA	Water	PrecSep-21	
160-51003-23	23071340-023A	Total/NA	Water	PrecSep-21	
160-51003-24	23071340-024A	Total/NA	Water	PrecSep-21	
160-51003-25	23071340-025A	Total/NA	Water	PrecSep-21	
160-51003-26	23071340-026A	Total/NA	Water	PrecSep-21	
160-51003-27	23071340-027A	Total/NA	Water	PrecSep-21	
160-51003-28	23071340-028A	Total/NA	Water	PrecSep-21	
160-51003-30	23071340-030A	Total/NA	Water	PrecSep-21	
160-51003-32	23071340-032A	Total/NA	Water	PrecSep-21	
160-51003-33	23071340-033A	Total/NA	Water	PrecSep-21	
160-51003-34	23071340-034A	Total/NA	Water	PrecSep-21	
160-51003-35	23071340-035A	Total/NA	Water	PrecSep-21	
160-51003-36	23071340-036A	Total/NA	Water	PrecSep-21	
160-51003-37	23071340-037A	Total/NA	Water	PrecSep-21	
MB 160-623638/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-623638/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

### Prep Batch: 623639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-21	23071340-021A	Total/NA	Water	PrecSep_0	
160-51003-22	23071340-022A	Total/NA	Water	PrecSep_0	
160-51003-23	23071340-023A	Total/NA	Water	PrecSep_0	
160-51003-24	23071340-024A	Total/NA	Water	PrecSep_0	
160-51003-25	23071340-025A	Total/NA	Water	PrecSep_0	
160-51003-26	23071340-026A	Total/NA	Water	PrecSep_0	
160-51003-27	23071340-027A	Total/NA	Water	PrecSep_0	
160-51003-28	23071340-028A	Total/NA	Water	PrecSep_0	
160-51003-30	23071340-030A	Total/NA	Water	PrecSep_0	
160-51003-32	23071340-032A	Total/NA	Water	PrecSep_0	
160-51003-33	23071340-033A	Total/NA	Water	PrecSep_0	
160-51003-34	23071340-034A	Total/NA	Water	PrecSep_0	
160-51003-35	23071340-035A	Total/NA	Water	PrecSep_0	
160-51003-36	23071340-036A	Total/NA	Water	PrecSep_0	
160-51003-37	23071340-037A	Total/NA	Water	PrecSep_0	
MB 160-623639/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-623639/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

### Prep Batch: 624956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-38	23071340-038A	Total/NA	Water	PrecSep-21	
MB 160-624956/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-624956/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-624956/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

### Prep Batch: 624957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51003-38	23071340-038A	Total/NA	Water	PrecSep_0	
MB 160-624957/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCSD 160-624957/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

# Tracer/Carrier Summary

ATTACHMENT B.  
 845 QUARTERLY REPORT - QUARTER 3, 2023  
 BALDWIN, FAPS

Client: TekLab, Inc  
 Project/Site: Radium-226 and Radium-228

Lab ID: 160-51003-1  
 SDG: 23071340

**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)
160-51003-1	23071340-001A	85.3
160-51003-2	23071340-002A	59.8
160-51003-3	23071340-003A	80.9
160-51003-4	23071340-004A	83.8
160-51003-5	23071340-005A	46.3
160-51003-6	23071340-006A	84.8
160-51003-7	23071340-007A	38.5
160-51003-8	23071340-008A	79.7
160-51003-9	23071340-009A	88.2
160-51003-10	23071340-010A	84.8
160-51003-11	23071340-011A	86.5
160-51003-12	23071340-012A	83.3
160-51003-13	23071340-013A	86.3
160-51003-14	23071340-014A	88.2
160-51003-15	23071340-015A	82.8
160-51003-16	23071340-016A	83.8
160-51003-17	23071340-017A	90.4
160-51003-18	23071340-018A	75.5
160-51003-19	23071340-019A	88.5
160-51003-20	23071340-020A	63.5
160-51003-21	23071340-021A	85.8
160-51003-22	23071340-022A	84.6
160-51003-23	23071340-023A	82.8
160-51003-24	23071340-024A	74.0
160-51003-25	23071340-025A	87.5
160-51003-26	23071340-026A	86.0
160-51003-27	23071340-027A	85.0
160-51003-28	23071340-028A	88.2
160-51003-30	23071340-030A	78.2
160-51003-32	23071340-032A	90.9
160-51003-33	23071340-033A	88.7
160-51003-34	23071340-034A	65.0
160-51003-35	23071340-035A	85.3
160-51003-36	23071340-036A	89.5
160-51003-37	23071340-037A	87.0
160-51003-38	23071340-038A	89.0
LCS 160-623636/2-A	Lab Control Sample	83.3
LCS 160-623638/2-A	Lab Control Sample	86.8
LCS 160-624956/2-A	Lab Control Sample	80.2
LCSD 160-623636/3-A	Lab Control Sample Dup	76.2
LCSD 160-624956/3-A	Lab Control Sample Dup	76.9
MB 160-623636/1-A	Method Blank	88.2
MB 160-623638/1-A	Method Blank	81.4
MB 160-624956/1-A	Method Blank	68.9

**Tracer/Carrier Legend**

Ba = Ba Carrier

# Tracer/Carrier Summary

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FAPS

Client: TekLab, Inc  
Project/Site: Radium-226 and Radium-228

Lab ID: 160-51003-1  
SDG: 23071340

**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)
160-51003-1	23071340-001A	85.3	82.2
160-51003-2	23071340-002A	59.8	80.0
160-51003-3	23071340-003A	80.9	81.1
160-51003-4	23071340-004A	83.8	78.5
160-51003-5	23071340-005A	46.3	80.7
160-51003-6	23071340-006A	84.8	77.4
160-51003-7	23071340-007A	38.5	75.1
160-51003-8	23071340-008A	79.7	80.7
160-51003-9	23071340-009A	88.2	78.9
160-51003-10	23071340-010A	84.8	79.6
160-51003-11	23071340-011A	86.5	80.7
160-51003-12	23071340-012A	83.3	74.8
160-51003-13	23071340-013A	86.3	82.6
160-51003-14	23071340-014A	88.2	82.6
160-51003-15	23071340-015A	82.8	80.7
160-51003-16	23071340-016A	83.8	82.6
160-51003-17	23071340-017A	90.4	80.4
160-51003-18	23071340-018A	75.5	81.9
160-51003-19	23071340-019A	88.5	87.1
160-51003-20	23071340-020A	63.5	84.5
160-51003-21	23071340-021A	85.8	80.7
160-51003-22	23071340-022A	84.6	81.9
160-51003-23	23071340-023A	82.8	83.7
160-51003-24	23071340-024A	74.0	83.0
160-51003-25	23071340-025A	87.5	80.7
160-51003-26	23071340-026A	86.0	82.2
160-51003-27	23071340-027A	85.0	78.9
160-51003-28	23071340-028A	88.2	83.0
160-51003-30	23071340-030A	78.2	83.4
160-51003-32	23071340-032A	90.9	84.5
160-51003-33	23071340-033A	88.7	75.5
160-51003-34	23071340-034A	65.0	86.0
160-51003-35	23071340-035A	85.3	82.6
160-51003-36	23071340-036A	89.5	76.6
160-51003-37	23071340-037A	87.0	86.0
160-51003-38	23071340-038A	89.0	86.7
LCS 160-623637/2-A	Lab Control Sample	83.3	80.4
LCS 160-623639/2-A	Lab Control Sample	86.8	82.6
LCSD 160-623637/3-A	Lab Control Sample Dup	76.2	82.2
LCSD 160-624957/3-A	Lab Control Sample Dup	76.9	84.5
MB 160-623637/1-A	Method Blank	88.2	84.9
MB 160-623639/1-A	Method Blank	81.4	84.1
MB 160-624957/1-A	Method Blank	68.9	83.0

### Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Summary of Well Information

Site Sampling Event	Baldwin 3Q 2023																		
LIMS Workorder	23071339																		
Technician	BG, JC, TAC																		
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	comments	
001A	MW-104DR	08/03/2023	1540	1540		13.95			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.183		
002A	MW-104SR	08/03/2023	1555	1555		13.9			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	None	Slight	1.178		
003A	MW-150	08/07/2023	1125	1125		20.65			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	0.315		
004A	MW-151	08/07/2023	1057	1057		8.07			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Lt. Brown	None	0.329		
005A	MW-152	08/04/2023	1339	1339		8.19			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	None	Slight	0.252		
006A	MW-153	08/04/2023	1148	1148		16.19			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.315		
007A	MW-154			0		DRY												DRY	
008A	MW-155	08/07/2023	1414	1414		19.95			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.07		
009A	MW-192	08/04/2023	1010	1010		8.42			Good	Bladder Pump	Low Flow	Yes	Cloudy	Slight	None	Slight	over range		
010A	MW-193	08/04/2023	908	0908		8.99			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	over range		
011A	MW-252	08/04/2023	1412	1412		2.81			Good	Submersible Pump	Low Flow	Yes	Cloudy	Slight	None	Moderate	6.286		
012A	MW-253	08/04/2023	1207	1207		16.15			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.858		
013A	MW-304	08/03/2023	1510	1510		9.84			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0		
014A	MW-306	08/04/2023	1110	1110		17.49			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.109		
015A	MW-350	08/07/2023	1148	1148		23.89			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	0.191		
016A	MW-352	08/04/2023	1257	1257		13.49			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.46		
017A	MW-355	08/07/2023	1403	1403		25.26			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.357		
018A	MW-356	08/03/2023	1322	1322		4.43			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	5.197		
019A	MW-358	08/07/2023	1231	1231		31.1			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.333		
020A	MW-366	08/04/2023	954	0954		18.26			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.035		
021A	MW-369	08/03/2023	1433	1433		14.56			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	6.016		
022A	MW-370	08/03/2023	1500	1500		9.5			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	5.954		
023A	MW-375	08/07/2023	957	0957		33.56			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.16		
024A	MW-377	08/07/2023	1019	1019		6.17			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.015		
025A	MW-382	08/03/2023	1555	1555		16.71			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Grey	None	over Range		
026A	MW-383	08/03/2023	1413	1413		19.92			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.283		
027A	MW-384	08/03/2023	1438	1438		15.1			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	1.379		
028A	MW-390	08/04/2023	917	0917		8.89			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.087		
029A	MW-391	08/04/2023	1020	1020		65.43			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0		
030A	MW-392	08/03/2023	1221	1221		8.18			Good	Bladder Pump	Low Flow	Yes	Clear	Slight	None	None	5.516		
031A	MW-393	08/03/2023	1143	1143		8.13			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	over range		
032A	MW-394	08/03/2023	1108	1108		7.45			Good	Bladder Pump	Low Flow	Yes	Clear	Moderate	None	None	over range		
033A	OW-156	08/15/2023	1131	1131		9.64			Good	Bailer			Cloudy	None	Grey	Slight			
034A	OW-157	08/15/2023	13.04	013.04		8.33			Good	Bailer			Cloudy	None	None	Slight			
035A	OW-256	08/03/2023	1407	1407		12.73			Good	Submersible Pump	Low Flow	Yes	Cloudy	None	None	Slight	over range		
036A	OW-257	08/04/2023	dry	dry		7.77			Good	Submersible Pump	Low Flow	Yes	Clear	None	Grey	Moderate		went dry	
037A	PZ-170	08/04/2023	1116	1116		17.76			Good	Submersible Pump	Low Flow	Yes	Clear	None	None	None	6.815	went dry	
038A	PZ-182	08/04/2023	1323	1323		19.82			Good	Submersible Pump	Low Flow	Yes	Cloudy	Slight	Lt. Brown	Slight	5.543		
039A	TPZ-164	08/07/2023	1303	1303		3.72			Good	Submersible Pump	Low Flow	Yes	Clear	None	None	None	5.202		
040A	XPW01	08/03/2023	1239	1239		11.16			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.788		
041A	XPW05	08/03/2023	1314	1314		4.73			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	1.314		
042A	XPW06	08/03/2023	1339	1339		2.57			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	3.895		
043A	Field Blank	08/07/2023	1330	1330															
044A	MW-304 DUP	08/03/2023	1510	1510		9.84													
045A	PZ-182 (resample)	08/15/2023	1231	1231		18.99			Good	Submersible Pump	Low Flow	Yes	Clear	None	None	Slight	5.492		

Site Sampling Event		Summary of Stabilized Field Parameters															
Baldwin 3Q 2023																	
LIMS Workorder		23071339															
Technician		BG, JC, TAC															
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-104DR	8/3/2023	15:40	1540	15.2	59.36	7.03	1235.8	1235.8	1.04	2.38	69.8			13.95			23071339-001A
MW-104SR	8/3/2023	15:55	1555	17.4	63.32	6.71	1435.8	1435.8	0.81	25.13	91.5			13.9			23071339-002A
MW-150	8/7/2023	11:25	1125	14	57.2	7.05	2610.8	2610.8	1.65	3.14	-64.7			20.65			23071339-003A
MW-151	8/7/2023	10:57	1057	16.3	61.34	6.76	1271.8	1271.8	2.23	69.3	165.6			8.07			23071339-004A
MW-152	8/4/2023	13:39	1339	15.1	59.18	6.93	2397.6	2397.6	2.19	49.27	108.1			8.19			23071339-005A
MW-153	8/4/2023	11:48	1148	14.9	58.82	7.19	781	781	2.21	3.4	88.8			16.19			23071339-006A
														DRY			23071339-007A
MW-155	8/7/2023	14:14	1414	14.7	58.46	7.09	1105.8	1105.8	0.97	10.69	87.9			19.95			23071339-008A
MW-192	8/4/2023	10:10	1010	18.7	65.66	6.61	906	906	0.46	291.25	-101.7			8.42			23071339-009A
MW-193	8/4/2023	9:21	0921	17.4	63.32	6.5	1079	1079	0.91	4.91	-13.2			8.99			23071339-010A
MW-252	8/4/2023	14:12	1412	18.9	66.02	6.68	1940	1940	0.99	92.7	-51.3			2.81			23071339-011A
MW-253	8/4/2023	12:07	1207	15	59	11.28	937.5	937.5	0.65	8.03	68.2			16.15			23071339-012A
MW-304	8/3/2023	15:10	1510	16.2	61.16	7.92	3002	3002	0.69	2.84	77.5			9.84			23071339-013A
MW-306	8/4/2023	11:10	1110	16.2	61.16	10.58	737.7	737.7	0.65	2.48	78.5			17.49			23071339-014A
MW-350	8/7/2023	11:48	1148	13.9	57.02	11.52	1038.2	1038.2	2.55	2.32	-6.7			23.89			23071339-015A
MW-352	8/4/2023	12:57	1257	16.4	61.52	7.9	1355.3	1355.3	0.73	3.4	85.4			13.49			23071339-016A
MW-355	8/7/2023	14:03	1403	14.5	58.1	7.29	1076.6	1076.6	2.19	3.23	77.4			25.26			23071339-017A
MW-356	8/3/2023	13:22	1322	17.5	63.5	7.86	1326	1326	1.53	2.24	-55.8			4.43			23071339-018A
MW-358	8/7/2023	12:31	1231	16.1	60.98	8	6937.6	6937.6	1.37	8.41	-42.4			31.1			23071339-019A
MW-366	8/4/2023	9:54	0954	15.4	59.72	6.87	2022	2022	0.61	6	92.5			18.26			23071339-020A
MW-369	8/3/2023	14:33	1433	15.8	60.44	8.33	2620	2620	0.67	16.59	-76.5			14.56			23071339-021A
MW-370	8/3/2023	15:00	1500	16.1	60.98	7.79	6672	6672	0.68	3.32	-16.6			9.5			23071339-022A
MW-375	8/7/2023	10:19	1019	15.8	60.44	6.98	1410.8	1410.8	0.66	4.22	159.5			33.56			23071339-023A
MW-377	8/7/2023	9:57	0957	15.4	59.72	7.56	2129.8	2129.8	0.71	6.6	141.7			6.17			23071339-024A
MW-382	8/3/2023	15:55	1555	16	60.8	7.9	1907	1907	0.51	178.31	-36.1			16.71			23071339-025A
MW-383	8/3/2023	14:13	1413	19.1	66.38	7.56	1884.2	1884.2	0.61	4.94	28.7			19.92			23071339-026A
MW-384	8/3/2023	14:38	1438	17.5	63.5	8.09	3561.1	3561.1	0.7	6.97	54.3			15.1			23071339-027A
MW-390	8/4/2023	9:17	0917	17.3	63.14	7.17	2167.1	2167.1	0.59	21.7	72.8			8.89			23071339-028A
MW-391	8/4/2023	10:20	1020	16.4	61.52	7.83	4050.9	4050.9	1	7.61	121.7			65.43			23071339-029A
MW-392	8/3/2023	12:21	1221	18.2	64.76	7.86	4024	4024	0.81	3.25	-170.4			8.18			23071339-030A
MW-393	8/3/2023	11:43	1143	18	64.4	8.36	4705	4705	0.57	1.56	-324.9			8.13			23071339-031A
MW-394	8/3/2023	11:07	1107	17.4	63.32	8	3659	3659	0.51	15.78	-323.7			7.45			23071339-032A
OW-156	8/15/2023	11:31	1131	18.8	65.84	6.32	1366.3	1366.3	3.79	31.59	145			9.64			23071339-033A
OW-157	8/15/2023	13:04	1304	16.5	61.7	6.24	6206.1	6206.1	2.65	55.37	55.6			8.33			23071339-034A
OW-256	8/3/2023	14:07	1407	17.1	62.78	6.83	987	987	0.47	6.21	-43.2			12.73			23071339-035A
														7.77			23071339-036A
PZ-170	8/4/2023	11:16	1116	16.4	61.52	6.57	1948	1948	0.6	18.23	-156.3			17.76			23071339-037A
PZ-182	8/4/2023	13:23	1323	17.1	62.78	7.32	3.8	3.8	9.59	16.14	-46.5			19.82			23071339-038A
TPZ-164	8/7/2023	13:03	1303	18.5	65.3	7.38	1103	1103	0.6	6.3	-48.6			3.72			23071339-039A
XPW01	8/3/2023	12:39	1239	17.6	63.68	6.75	816.2	816.2	0.53	5.24	47.9			11.16			23071339-040A
XPW05	8/3/2023	13:14	1314	18	64.4	7.17	948.8	948.8	0.48	5.92	-5.5			4.73			23071339-041A
XPW06	8/3/2023	13:39	1339	21.7	71.06	6.96	706.8	706.8	0.56	3.85	32.5			2.57			23071339-042A
																	23071339-043A
														9.84			23071339-044A
PZ-182 (resample)	8/15/2023	12:37	1237	15.2	59.36	6.45	1770.3	1770.3	0.47	9.45	26.8			18.99			23071339-045A

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-001A
Technician	BG, JC, TAC

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-104DR	8/3/2023	15:34	1534	13.95		15.3	59.54	7.44	1292.3	1292.3	2.39	10.97	63.2	
MW-104DR	8/3/2023	15:37	1537	13.95		15.2	59.36	7.13	1237.5	1237.5	1.37	3.43	66.7	
MW-104DR	8/3/2023	15:40	1540	13.95		15.2	59.36	7.03	1235.8	1235.8	1.04	2.38	69.8	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-002A
Technician	BG, JC, TAC

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-104SR	8/3/2023	15:49	1549	13.9		17.4	63.32	6.74	1467.2	1467.2	1.08	10.38	91.5	
MW-104SR	8/3/2023	15:52	1552	13.9		17.4	63.32	6.72	1420.4	1420.4	0.96	6.3	91.4	
MW-104SR	8/3/2023	15:55	1555	13.9		17.4	63.32	6.71	1435.8	1435.8	0.81	25.13	91.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-003A
Technician	BG, JC, TAC

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-150	8/7/2023	11:19	1119	20.65		16.2	61.16	7.03	2774.9	2774.9	6.07	4.52	20.6	
MW-150	8/7/2023	11:22	1122	20.65		14.1	57.38	7.06	2613	2613	1.69	5.7	-75	
MW-150	8/7/2023	11:25	1125	20.65		14	57.2	7.05	2610.8	2610.8	1.65	3.14	-64.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-004A
Technician	BG, JC, TAC

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	8/7/2023	10:51	1051	8.07		15.2	59.36	6.9	1231.9	1231.9	1.4	9.85	161.1	
MW-151	8/7/2023	10:54	1054	8.07		16.2	61.16	6.76	1225.6	1225.6	1.01	9.35	163.4	
MW-151	8/7/2023	10:57	1057	8.07		16.3	61.34	6.76	1271.8	1271.8	2.23	69.3	165.6	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-005A
Technician	BG, JC, TAC

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-152	8/4/2023	13:24	1324	8.19		15.2	59.36	6.96	2382.8	2382.8	2.02	420.4	99	
MW-152	8/4/2023	13:27	1327	8.19		15.1	59.18	6.95	2399.5	2399.5	2.12	223.78	101.2	
MW-152	8/4/2023	13:30	1330	8.19		15.1	59.18	6.95	2389.1	2389.1	2.23	134.13	103.1	
MW-152	8/4/2023	13:33	1333	8.19		15.1	59.18	6.94	2396.3	2396.3	2.23	93.12	104.9	
MW-152	8/4/2023	13:36	1336	8.19		15	59	6.93	2405.3	2405.3	2.18	67.37	106.6	
MW-152	8/4/2023	13:39	1339	8.19		15.1	59.18	6.93	2397.6	2397.6	2.19	49.27	108.1	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-006A
Technician	BG, JC, TAC

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	8/4/2023	11:42	1142	16.19		14.9	58.82	7.74	847.3	847.3	2.06	10.85	81.5	
MW-153	8/4/2023	11:45	1145	16.19		14.8	58.64	7.39	791.7	791.7	2.13	5.13	85.1	
MW-153	8/4/2023	11:48	1148	16.19		14.9	58.82	7.19	781	781	2.21	3.4	88.8	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-007A
Technician	BG, JC, TAC

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)
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MW-154

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-008A
Technician	BG, JC, TAC

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-155	8/7/2023	14:08	1408	19.95		17.1	62.78	7.37	1132.3	1132.3	7.4	5.71	85.2	
MW-155	8/7/2023	14:11	1411	19.95		14.6	58.28	7.13	1106.5	1106.5	1.42	30.88	88.3	
MW-155	8/7/2023	14:14	1414	19.95		14.7	58.46	7.09	1105.8	1105.8	0.97	10.69	87.9	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-009A
Technician	BG, JC, TAC

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-192	8/4/2023	10:01	1001	8.42		17.8	64.04	6.62	903	903	0.46	313.2	-108.6	
MW-192	8/4/2023	10:04	1004	8.42		18.3	64.94	6.61	904	904	0.45	340.21	-106.3	
MW-192	8/4/2023	10:07	1007	8.42		18.6	65.48	6.61	905	905	0.46	184.99	-103.5	
MW-192	8/4/2023	10:10	1010	8.42		18.7	65.66	6.61	906	906	0.46	291.25	-101.7	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-010A
Technician	BG, JC, TAC

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-193	8/4/2023	9:15	0915	8.99		17.5	63.5	6.49	1082	1082	0.8	5.99	-3.7	
MW-193	8/4/2023	9:18	0918	8.99		17.4	63.32	6.5	1082	1082	0.82	6.58	-9.5	
MW-193	8/4/2023	9:21	0921	8.99		17.4	63.32	6.5	1079	1079	0.91	4.91	-13.2	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023														
LIMS Workorder	23071339-011A														
Technician	BG, JC, TAC														
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-252	8/4/2023	14:05	1405	2.81		16.3	61.34	6.74	1960	1960	0.86	87.84	-45		
MW-252	8/4/2023	14:08	1408	2.81		16.9	62.42	6.71	1972	1972	0.89	93.57	-46.7		
MW-252	8/4/2023	14:12	1412	2.81		18.9	66.02	6.68	1940	1940	0.99	92.7	-51.3		

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-012A
Technician	BG, JC, TAC

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-253	8/4/2023	12:01	1201	16.15		16.5	61.7	10.99	1695.6	1695.6	3.3	9.66	79.2	
MW-253	8/4/2023	12:04	1204	16.15		15.1	59.18	11.22	979.2	979.2	0.84	12.46	71.9	
MW-253	8/4/2023	12:07	1207	16.15		15	59	11.28	937.5	937.5	0.65	8.03	68.2	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-013A
Technician	BG, JC, TAC

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-304	8/3/2023	15:04	1504	9.84		16.8	62.24	8.21	2972.1	2972.1	2.99	3.59	74.5	
MW-304	8/3/2023	15:07	1507	9.84		16.2	61.16	7.98	3013.1	3013.1	0.98	2.53	76.9	
MW-304	8/3/2023	15:10	1510	9.84		16.2	61.16	7.92	3002	3002	0.69	2.84	77.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-014A
Technician	BG, JC, TAC

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-306	8/4/2023	11:04	1104	17.49		17.6	63.68	10.35	760.1	760.1	2.58	3.69	80	
MW-306	8/4/2023	11:07	1107	17.49		16.3	61.34	10.74	822.3	822.3	0.89	2.79	83.8	
MW-306	8/4/2023	11:10	1110	17.49		16.2	61.16	10.58	737.7	737.7	0.65	2.48	78.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-015A
Technician	BG, JC, TAC

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-350	8/7/2023	11:38	1138	23.89		14.8	58.64	11.24	1237.2	1237.2	6.54	2.69	13.1	
MW-350	8/7/2023	11:41	1141	23.89		14	57.2	10.98	833.3	833.3	2.31	2.98	-15.5	
MW-350	8/7/2023	11:42	1142	23.89		14.1	57.38	11.06	895	895	2.37	2.84	-14.9	
MW-350	8/7/2023	11:45	1145	23.89		13.9	57.02	11.46	975.4	975.4	2.52	2.51	-9.9	
MW-350	8/7/2023	11:48	1148	23.89		13.9	57.02	11.52	1038.2	1038.2	2.55	2.32	-6.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-016A
Technician	BG, JC, TAC

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	8/4/2023	12:51	1251	13.49		16.3	61.34	8.77	2632.8	2632.8	2.33	3.31	105.2	
MW-352	8/4/2023	12:54	1254	13.49		16.7	62.06	8.17	2656.5	2656.5	0.92	2.72	91.2	
MW-352	8/4/2023	12:57	1257	13.49		16.4	61.52	7.9	1355.3	1355.3	0.73	3.4	85.4	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-017A
Technician	BG, JC, TAC

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-355	8/7/2023	13:57	1357	25.26		14.6	58.28	7.49	1084.6	1084.6	3.04	11.01	77.7	
MW-355	8/7/2023	14:00	1400	25.26		14.5	58.1	7.35	1076.9	1076.9	2.51	4.96	77	
MW-355	8/7/2023	14:03	1403	25.26		14.5	58.1	7.29	1076.6	1076.6	2.19	3.23	77.4	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-018A
Technician	BG, JC, TAC

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-356	8/3/2023	13:16	1316	4.43		17.7	63.86	7.99	1426	1426	1.16	5.04	-52.4	
MW-356	8/3/2023	13:19	1319	4.43		17.7	63.86	7.9	1373	1373	1.04	2.95	-54.7	
MW-356	8/3/2023	13:22	1322	4.43		17.5	63.5	7.86	1326	1326	1.53	2.24	-55.8	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-019A
Technician	BG, JC, TAC

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-358	8/7/2023	12:22	1222	31.1		16.9	62.42	8.16	7069.8	7069.8	1.63	24.43	67.3	
MW-358	8/7/2023	12:25	1225	31.1		16.6	61.88	8.06	7090.7	7090.7	1.42	17.42	24.9	
MW-358	8/7/2023	12:28	1228	31.1		16.2	61.16	8.02	6993.3	6993.3	1.38	13.27	-18.3	
MW-358	8/7/2023	12:31	1231	31.1		16.1	60.98	8	6937.6	6937.6	1.37	8.41	-42.4	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023													
LIMS Workorder	23071339-020A													
Technician	BG, JC, TAC													
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-366	8/4/2023	9:48	0948	18.26		15.4	59.72	6.91	2246.3	2246.3	0.83	12.38	92.2	
MW-366	8/4/2023	9:51	0951	18.26		15.4	59.72	6.84	2189.6	2189.6	0.66	7.47	93.7	
MW-366	8/4/2023	9:54	0954	18.26		15.4	59.72	6.87	2022	2022	0.61	6	92.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023														
LIMS Workorder	23071339-021A														
Technician	BG, JC, TAC														
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-369	8/3/2023	14:27	1427	14.56		15.9	60.62	7.18	3323	3323	1.22	8.04	7		
MW-369	8/3/2023	14:30	1430	14.56		15.8	60.44	8.02	3039	3039	0.74	13.23	-51.2		
MW-369	8/3/2023	14:33	1433	14.56		15.8	60.44	8.33	2620	2620	0.67	16.59	-76.5		

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-022A
Technician	BG, JC, TAC

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-370	8/3/2023	14:54	1454	9.5		16.5	61.7	7.84	6590	6590	1.64	3.39	-4	
MW-370	8/3/2023	14:57	1457	9.5		16.2	61.16	7.81	6696	6696	0.8	3.31	-11.5	
MW-370	8/3/2023	15:00	1500	9.5		16.1	60.98	7.79	6672	6672	0.68	3.32	-16.6	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-023A
Technician	BG, JC, TAC

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-375	8/7/2023	10:13	1013	33.56		18.1	64.58	7.46	1419.2	1419.2	5.1	3.43	149.1	
MW-375	8/7/2023	10:16	1016	33.56		15.9	60.62	7.05	1424.1	1424.1	0.88	3.38	157.3	
MW-375	8/7/2023	10:19	1019	33.56		15.8	60.44	6.98	1410.8	1410.8	0.66	4.22	159.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-024A
Technician	BG, JC, TAC

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-377	8/7/2023	9:51	0951	6.17		16.3	61.34	6.88	2007.4	2007.4	5.03	3.9	160.2	
MW-377	8/7/2023	9:54	0954	6.17		15.5	59.9	7.38	2220.7	2220.7	1.18	6.16	145.4	
MW-377	8/7/2023	9:57	0957	6.17		15.4	59.72	7.56	2129.8	2129.8	0.71	6.6	141.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-025A
Technician	BG, JC, TAC

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-382	8/3/2023	15:49	1549	16.71		16	60.8	7.91	1904	1904	0.54	175.73	-31.6	
MW-382	8/3/2023	15:52	1552	16.71		16	60.8	7.9	1904	1904	0.52	174.32	-33.9	
MW-382	8/3/2023	15:55	1555	16.71		16	60.8	7.9	1907	1907	0.51	178.31	-36.1	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-026A
Technician	BG, JC, TAC

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-383	8/3/2023	14:07	1407	19.92		20.2	68.36	7.47	1682.6	1682.6	2.59	3.61	56.8	
MW-383	8/3/2023	14:10	1410	19.92		19.1	66.38	7.55	1866.4	1866.4	0.83	3.75	35.4	
MW-383	8/3/2023	14:13	1413	19.92		19.1	66.38	7.56	1884.2	1884.2	0.61	4.94	28.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-027A
Technician	BG, JC, TAC

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-384	8/3/2023	14:32	1432	15.1		18	64.4	7.88	2737.8	2737.8	3.7	5.31	52.1	
MW-384	8/3/2023	14:35	1435	15.1		17.4	63.32	8.02	3547.2	3547.2	1.06	7.42	56.7	
MW-384	8/3/2023	14:38	1438	15.1		17.5	63.5	8.09	3561.1	3561.1	0.7	6.97	54.3	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023													
LIMS Workorder	23071339-028A													
Technician	BG, JC, TAC													
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-390	8/4/2023	9:11	0911	8.89		17.3	63.14	7.26	3793.9	3793.9	0.74	17.28	87.9	
MW-390	8/4/2023	9:14	0914	8.89		17.3	63.14	7.23	2875.4	2875.4	0.62	14.86	78.2	
MW-390	8/4/2023	9:17	0917	8.89		17.3	63.14	7.17	2167.1	2167.1	0.59	21.4	72.8	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-029A
Technician	BG, JC, TAC

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-391	8/4/2023	10:14	1014	65.43		17.5	63.5	7.7	3831.2	3831.2	7.75	9.44	131.4	
MW-391	8/4/2023	10:17	1017	65.43		16.6	61.88	7.86	4379.6	4379.6	1.61	12.41	126.1	
MW-391	8/4/2023	10:20	1020	65.43		16.4	61.52	7.83	4050.9	4050.9	1	7.61	121.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-030A
Technician	BG, JC, TAC

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-392	8/3/2023	12:12	1212	8.18		18.9	66.02	8.06	3984	3984	1.43	11.22	-116	
MW-392	8/3/2023	12:15	1215	8.18		18.3	64.94	7.94	4028	4028	0.91	10.98	-146.6	
MW-392	8/3/2023	12:18	1218	8.18		18.2	64.76	7.89	4021	4021	0.83	5.14	-161.6	
MW-392	8/3/2023	12:21	1221	8.18		18.2	64.76	7.86	4024	4024	0.81	3.25	-170.4	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-031A
Technician	BG, JC, TAC

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-393	8/3/2023	11:37	1137	8.13		18.5	65.3	8.51	3868	3868	0.9	4.25	-272.6	
MW-393	8/3/2023	11:40	1140	8.13		18.1	64.58	8.4	4697	4697	0.61	2.65	-312.6	
MW-393	8/3/2023	11:43	1143	8.13		18	64.4	8.36	4705	4705	0.57	1.56	-324.9	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-032A
Technician	BG, JC, TAC

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-394	8/3/2023	10:52	1052	7.45		18.2	64.76	8.12	4971	4971	0.7	9.4	-325.7	
MW-394	8/3/2023	10:55	1055	7.45		18.4	65.12	8.19	4836	4836	0.69	13.78	-330.7	
MW-394	8/3/2023	10:58	1058	7.45		17.5	63.5	8.21	4714	4714	0.55	23.54	-329.2	
MW-394	8/3/2023	11:01	1101	7.45		17.4	63.32	8.19	4666	4666	0.53	46.27	-327.7	
MW-394	8/3/2023	11:04	1104	7.45		17.4	63.32	8.1	3853	3853	0.52	24.19	-326	
MW-394	8/3/2023	11:07	1107	7.45		17.4	63.32	8	3659	3659	0.51	15.78	-323.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-033A
Technician	BG, JC, TAC

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-156	8/15/2023	11:28	1128	9.64		19.9	67.82	6.28	1375.9	1375.9	3.53	32.59	144.8	
OW-156	8/15/2023	11:30	1130	9.64		18.9	66.02	6.33	1371.4	1371.4	3.76	38.57	145.2	
OW-156	8/15/2023	11:31	1131	9.64		18.8	65.84	6.32	1366.3	1366.3	3.79	31.59	145	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-034A
Technician	BG, JC, TAC

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-157	8/15/2023	13:01	1301	8.33		17.6	63.68	6.38	6147.5	6147.5	3.11	18.27	82.2	
OW-157	8/15/2023	13:02	1302	8.33		16.8	62.24	6.31	6191.1	6191.1	2.67	22.85	68.1	
OW-157	8/15/2023	13:04	1304	8.33		16.5	61.7	6.24	6206.1	6206.1	2.65	55.37	55.6	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-035A
Technician	BG, JC, TAC

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-256	8/3/2023	13:58	1358	12.73		16.5	61.7	6.86	988	988	0.49	15.35	-40.7	
OW-256	8/3/2023	14:01	1401	12.73		17.3	63.14	6.85	991	991	0.52	12.69	-41.7	
OW-256	8/3/2023	14:04	1404	12.73		17	62.6	6.85	987	987	0.49	11.74	-42.8	
OW-256	8/3/2023	14:07	1407	12.73		17.1	62.78	6.83	987	987	0.47	6.21	-43.2	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-036A
Technician	BG, JC, TAC

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)
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OW-257

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-037A
Technician	BG, JC, TAC

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)
PZ-170	8/4/2023	11:10	1110	17.76		18	64.4	6.62	1913	1913	0.63	8.57	-143.2	
PZ-170	8/4/2023	11:13	1113	17.76		17.7	63.86	6.52	1998	1998	0.58	20.43	-141.9	
PZ-170	8/4/2023	11:16	1116	17.76		16.4	61.52	6.57	1948	1948	0.6	18.23	-156.3	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-038A
Technician	BG, JC, TAC

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)
PZ-182	8/4/2023	13:17	1317	19.82		15.7	60.26	7.02	5.1	5.1	9.64	16.51	-64	
PZ-182	8/4/2023	13:20	1320	19.82		16.4	61.52	7.23	4.1	4.1	9.68	16	-53.6	
PZ-182	8/4/2023	13:23	1323	19.82		17.1	62.78	7.32	3.8	3.8	9.59	16.14	-46.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-039A
Technician	BG, JC, TAC

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)
TPZ-164	8/7/2023	12:57	1257	3.72		18.8	65.84	7.49	1094.5	1094.5	0.78	10.61	-23.7	
TPZ-164	8/7/2023	13:00	1300	3.72		18.5	65.3	7.4	1101.4	1101.4	0.65	7.62	-39.1	
TPZ-164	8/7/2023	13:03	1303	3.72		18.5	65.3	7.38	1103	1103	0.6	6.3	-48.6	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023														
LIMS Workorder	23071339-040A														
Technician	BG, JC, TAC														
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)	
XPW01	8/3/2023	12:33	1233	11.16		17.5	63.5	6.73	816.3	816.3	0.56	10.2	59.3		
XPW01	8/3/2023	12:36	1236	11.16		17.6	63.68	6.74	817.1	817.1	0.54	6.41	53.1		
XPW01	8/3/2023	12:39	1239	11.16		17.6	63.68	6.75	816.2	816.2	0.53	5.24	47.9		

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-041A
Technician	BG, JC, TAC

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)
XPW05	8/3/2023	13:08	1308	4.73		18.1	64.58	7.08	971.2	971.2	0.53	10.48	12.1	
XPW05	8/3/2023	13:11	1311	4.73		18.1	64.58	7.13	957.7	957.7	0.51	8.17	2	
XPW05	8/3/2023	13:14	1314	4.73		18	64.4	7.17	948.8	948.8	0.48	5.92	-5.5	



Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-042A
Technician	BG, JC, TAC

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)
XPW06	8/3/2023	13:33	1333	2.57		19.5	67.1	6.95	1141.3	1141.3	1.94	9.93	33.1	
XPW06	8/3/2023	13:36	1336	2.57		20.9	69.62	6.97	716.5	716.5	0.69	5.07	31.6	
XPW06	8/3/2023	13:39	1339	2.57		21.7	71.06	6.96	706.8	706.8	0.56	3.85	32.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-043A
Technician	BG, JC, TAC
Well ID	Date
Field Blank	08/07/2023

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)
1330	1330											

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023													
LIMS Workorder	23071339-044A													
Technician	BG, JC, TAC													
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-304 DUP	8/3/2023	15:04	1504	9.84		16.8	62.24	8.21	2972.1	2972.1	2.99	3.59	74.5	
MW-304 DUP	8/3/2023	15:07	1507	9.84		16.2	61.16	7.98	3013.1	3013.1	0.98	2.53	76.9	
MW-304 DUP	8/3/2023	15:10	1510	9.84		16.2	61.16	7.92	3002	3002	0.69	2.84	77.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Baldwin 3Q 2023
LIMS Workorder	23071339-045A
Technician	BG, JC, TAC

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)
PZ-182 (resample)	8/15/2023	12:31	1231	18.99		15.1	59.18	6.45	1763.4	1763.4	0.47	4.41	32.7	
PZ-182 (resample)	8/15/2023	12:34	1234	18.99		15.1	59.18	6.45	1768	1768	0.47	3.87	34.6	
PZ-182 (resample)	8/15/2023	12:37	1237	18.99		15.2	59.36	6.45	1770.3	1770.3	0.47	9.45	26.8	

LEADWIN, RAPS  
BAI-845-605

# 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	COLOR BLANK	Read1/units	COLORBLANK	Read2/units			
	8-3-23	1025	21.5		7.01			1415								
	8-3-23	1611	22.6		7.02			1435								

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : \_\_\_\_\_

\*\*\*\* Field Meter ID for ( DR900 ) : \_\_\_\_\_ AIS \_\_\_\_\_

Field Temp SOP 1156  
pH in the Field SOP 1152  
Field Cond. SOP 1155  
Other: \_\_\_\_\_

SW846 Std Methods Lot #  
pH 4.0 Buffer \_\_\_\_\_  
pH 7.0 Buffer \_\_\_\_\_  
pH 10.0 Buffer \_\_\_\_\_  
pH LCS/LCSD \_\_\_\_\_

Conductivity Std. \_\_\_\_\_  
Conductivity Std. \_\_\_\_\_  
Conductivity Std. \_\_\_\_\_  
Conductivity LCS/LCSD \_\_\_\_\_

pH Calibration  
Date: 8-3-23  
Time: 1005

Reading	4.00	4.01
	7.00	6.98
	10.00	10.01

Conductivity Calibration

Reading	units
_____	µS
_____	µS
_____	mS

Calibration Reading  
Std. Units \_\_\_\_\_  
Std. Units \_\_\_\_\_  
Std. Units \_\_\_\_\_

Field Analyst Sig & Date: puh cu 8-3-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: puh cu 8-3-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Comments:

# Field Analysis Log

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3-2023  
BALDWIN 5KPS  
BAL 845-605

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	COLOR BLANK	Read1/units	COLORBLANK	Read2/units	
	8-3-23	1008	23.4		7.02			1418						
	8-3-23	1611	22.8		7.02			1421						

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : \_\_\_\_\_

\*\*\*\* Field Meter ID for ( DR900 ) : \_\_\_\_\_ A15 \_\_\_\_\_

Field Temp SOP 1156	SW846	Std Methods	Lot #	Conductivity Std.	Lot #	PIPETTE
pH in the Field SOP 1152	9040B	2550 B	_____	_____	_____	_____
Field Cond. SOP 1155	9050A	4500-H B	_____	_____	_____	_____
Other: _____		2510 B	_____	_____	_____	_____
		pH 4.0 Buffer	_____	_____	_____	_____
		pH 7.0 Buffer	_____	_____	_____	_____
		pH 10.0 Buffer	_____	_____	_____	_____
		pH LCS/LCSD	_____	_____	_____	_____

pH Calibration	4.00	Reading	3.99	Conductivity Calibration	Reading	units	_____	Calibration	Reading
Date: 8-3-23	7.00	_____	7.01	_____	_____	_____	_____	_____	_____
Time: 1005	10.00	_____	10.01	_____	1415	_____	_____	_____	_____
				_____	_____	_____	_____	_____	_____

Field Analyst Sig & Date: [Signature] 8-3-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: [Signature] 8-3-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

# Field Analysis Log

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023

BALDWIN FARMS  
A08W1531  
BAL 845-005

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	COLOR BLANK	Read1/units	COLORBLANK	Read2/units	
	8-4-23	0851	22.3		7.01			1428						
	8-4-23	1434			7.02			1432						

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : \_\_\_\_\_

\*\*\*\* Field Meter ID for ( DR900 ): \_\_\_\_\_ AI5 \_\_\_\_\_

Field Temp SOP 1156	SW846	Std Methods	Lot #	Conductivity Std.	Lot #	PIPETTE
pH in the Field SOP 1152	9040B	4500-H B	_____	Conductivity Std.	_____	_____
Field Cond. SOP 1155	9050A	2510 B	_____	Conductivity Std.	_____	_____
Other: _____		pH 4.0 Buffer	_____	Conductivity Std.	_____	_____
		pH 7.0 Buffer	_____	Conductivity Std.	_____	_____
		pH 10.0 Buffer	_____	Conductivity Std.	_____	_____
		pH LCS/LCSD _____	_____	Conductivity LCS/LCSD _____	_____	_____

pH Calibration  
Date: 8-4-23  
Time: 0852

Reading	4.00	4.01
	7.00	7.00
	10.00	10.00

Conductivity Calibration

Reading	units
_____	µS 0-199.9
_____	µS 0-1999
_____	mS 0-19.99

Calibration Reading

Std	Units	_____
Std	Units	_____
Std	Units	_____

Field Analyst Sig & Date: MJA CW 8-4-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: MJA CW 8-4-23  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_  
Reviewed By & Date: \_\_\_\_\_

BALDWIN FAPS  
BAL-845-006

# 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	
	8-4-23	8:56	22.9	7.02	7.03			1412						
	8-4-23	14:37	23.4	7.03	7.01			1418						

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : \_\_\_\_\_

\*\*\*\* Field Meter ID for ( DR900 ) : \_\_\_\_\_ A15

Field Temp SOP 1156	SW846	Std Methods	Lot #
pH in the Field SOP 1152	9040B	4500-H B	
Field Cond. SOP 1155	9050A	2510 B	
Other: _____			
		pH 4.0 Buffer	_____
		pH 7.0 Buffer	_____
		pH 10.0 Buffer	_____
		pH LCS/LCSD	_____

Conductivity Std.	_____	Std.	_____
Conductivity Std.	_____	Std.	_____
Conductivity Std.	_____	Std.	_____
Conductivity LCS/LCSD	_____	LCS/LCSD	_____

pH Calibration	Reading
Date: 8-4-23	4.00 4.03
Time: 8:10	7.00 7.01
	10.00 10.00

Conductivity Calibration	Reading	units
_____	0-199.9	µS
_____	0-1999	µS
_____	0-19.99	mS

_____	Calibration	Reading
Std	Units	_____
Std	Units	_____
Std	Units	_____

Field Analyst Sig & Date: [Signature] 8-4-23  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: [Signature] 8-4-23  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Comments:



# Field Analysis Log

ATTACHMENT B.  
845 QUARTERLY REPORT - QUARTER 3, 2023  
BALDWIN, FLAPS  
BAL 845-805

111339

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	COLOR BLANK	Read1/units	COLORBLANK	Read2/units		
	8-7-23	0927	22.8		7.01			1422							
	8-7-23	1456	23.2		7.01			1415							

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : \_\_\_\_\_  
SW846 Std Methods Lot #

\*\*\*\* Field Meter ID for ( DR900 ): \_\_\_\_\_ AI5 PIPETTE

Field Temp SOP 1156 2550 B  
 pH in the Field SOP 1152 9040B 4500-H B  
 Field Cond. SOP 1155 9050A 2510 B  
 Other: \_\_\_\_\_

pH 4.0 Buffer \_\_\_\_\_  
 pH 7.0 Buffer \_\_\_\_\_  
 pH 10.0 Buffer \_\_\_\_\_  
 pH LCS/LCSD \_\_\_\_\_

Conductivity Std. \_\_\_\_\_  
 Conductivity Std. \_\_\_\_\_  
 Conductivity Std. \_\_\_\_\_  
 Conductivity LCS/LCSD \_\_\_\_\_

pH Calibration  
 Date: 8-7-23  
 Time: 0908

4.00	Reading 4.00
7.00	7.01
10.00	9.99

Conductivity Calibration

_____	µS	0-199.9	Reading	units
_____	µS	0-1999	1415	µS
_____	mS	0-19.99		mS

Calibration Reading

Std	Units	_____
Std	Units	_____
Std	Units	_____

Field Analyst Sig & Date: MSA on 8-7-23  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: MSA on 8-7-23  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

Field Analyst Sig & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_  
 Reviewed By & Date: \_\_\_\_\_

# Field Analysis Log

'250 11334  
ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 3, 2023

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity		Other: <u>BALDWIN, FAPS</u>					
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	COLOR BLANK	Read1/units	COLOR BLANK	Read2/units	
<u>LCS</u>	<u>8/15/23</u>	<u>11:20</u>	<u>23.2</u>	<u>7.10</u>				<u>1412</u>						
<u>CCV</u>	<u>8</u>	<u>14:00</u>	<u>21.8</u>	<u>7.09</u>				<u>1380</u>						

\*\*\*\* Field Meter ID for Temp, pH & Conductivity : Pine 4/8/16

\*\*\*\* Field Meter ID for ( DR900 ) : A15

Field Temp SOP 1156	SW846	Std Methods	Lot #	Conductivity Std.	Lot #	PIPETTE
pH in the Field SOP 1152	9040B	4500-H B	Lot #	Conductivity Std.		
Field Cond. SOP 1155	9050A	2510 B	Lot #	Conductivity Std.		
Other			Lot #	Conductivity LCS/LCSD		

pH Calibration		Conductivity Calibration		Calibration	
Reading		Reading	units	Reading	units
4.00	<u>4.00</u>	0-199.9	µS	Std	Units
7.00	<u>7.01</u>	0-1999	µS	Std	Units
10.00	<u>10.04</u>	0-19.99	mS	Std	Units

Field Analyst Sig & Date: <u>[Signature]</u>	Field Analyst Sig & Date: <u>[Signature]</u>	Field Analyst Sig & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____
Reviewed By & Date: _____	Reviewed By & Date: _____	Reviewed By & Date: _____

Comments:

**ATTACHMENT C  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND  
QUARTER 3, 2023**

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-150	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.00230
MW-150	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.0104
MW-150	PMP	E002	Barium, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.0194	0.261
MW-150	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.0005
MW-150	PMP	E002	Boron, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	4.38	2.16
MW-150	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.002
MW-150	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	53	1,370
MW-150	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.0015	0.0125
MW-150	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.00220
MW-150	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.75	3.84
MW-150	PMP	E002	Lead, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.001	0.00220
MW-150	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.0502	0.140
MW-150	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.0002	0.0002
MW-150	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/07/23	3	67	Most recent sample	0.0015	0.0782
MW-150	PMP	E002	pH (field)	SU	03/22/16 - 08/07/23	31	0	CB around T-S line	6.9/7.0	7.5/11.1
MW-150	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/07/23	3	0	Most recent sample	0.628	3.76
MW-150	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/07/23	3	33	Most recent sample	0.001	0.00320
MW-150	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/07/23	3	0	Most recent sample	852	762
MW-150	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/07/23	3	100	All ND - Last	0.002	0.002
MW-150	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/07/23	31	0	CB around linear reg	1,670	3,260
MW-151	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.00230
MW-151	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/07/23	4	50	CI around mean	0.00111	0.0104
MW-151	PMP	E002	Barium, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	-0.00876	0.261
MW-151	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/07/23	4	75	CI around median (Last Sample, n<7)	0.001	0.0005
MW-151	PMP	E002	Boron, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.04	2.16
MW-151	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.002
MW-151	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	30.2	1,370

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-151	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.00972	0.0125
MW-151	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.00834	0.00220
MW-151	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.482	3.84
MW-151	PMP	E002	Lead, total	mg/L	03/15/23 - 08/07/23	4	25	CI around mean	-0.0104	0.00220
MW-151	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	0.0218	0.140
MW-151	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.0002	0.0002
MW-151	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.0015	0.0782
MW-151	PMP	E002	pH (field)	SU	03/16/17 - 08/07/23	28	0	CI around mean	6.9/7.0	7.5/11.1
MW-151	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/07/23	4	0	CI around mean	-0.837	3.76
MW-151	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.001	0.00320
MW-151	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/07/23	4	0	CI around mean	64.7	762
MW-151	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/07/23	4	100	All ND - Last	0.002	0.002
MW-151	PMP	E002	Total Dissolved Solids	mg/L	03/16/17 - 08/07/23	28	0	CI around mean	542	3,260
MW-152	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.00230
MW-152	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.001	0.0104
MW-152	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.033	0.261
MW-152	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.0005
MW-152	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	9.09	2.16
MW-152	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.002
MW-152	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	37	1,370
MW-152	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0037	0.0125
MW-152	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0012	0.00220
MW-152	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.39	3.84
MW-152	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.002	0.00220
MW-152	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	3	33	Most recent sample	0.0117	0.140
MW-152	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0002	0.0002
MW-152	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0015	0.0782

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
FLY ASH POND SYSTEM  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-152	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	31	0	CI around geomean	6.8/7.0	7.5/11.1
MW-152	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	3	0	Most recent sample	1.31	3.76
MW-152	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.00320
MW-152	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	732	762
MW-152	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.002	0.002
MW-152	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	31	0	CB around linear reg	511	3,260
MW-153	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.00230
MW-153	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0104
MW-153	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around median (Last Sample, n<7)	0.0357	0.261
MW-153	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.0005
MW-153	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	4	60	CI around median (Last Sample, n<7)	0.0357	2.16
MW-153	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.002
MW-153	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	14.1	1,370
MW-153	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.0015	0.0125
MW-153	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.00220
MW-153	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.322	3.84
MW-153	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	4	75	CI around median (Last Sample, n<7)	0.001	0.00220
MW-153	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	4	25	CI around mean	0.00224	0.140
MW-153	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0002	0.0002
MW-153	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.0782
MW-153	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	32	0	CI around median	7.0/7.2	7.5/11.1
MW-153	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	4	0	CI around mean	-0.989	3.76
MW-153	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.00185	0.00320
MW-153	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	52.7	762
MW-153	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.002	0.002
MW-153	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	32	0	CI around median	364	3,260
MW-252	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0012	0.00230

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-252	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0011	0.0104
MW-252	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0359	0.261
MW-252	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.0005
MW-252	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.143	2.16
MW-252	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.002
MW-252	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	37	1,370
MW-252	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0049	0.0125
MW-252	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	3	33	Most recent sample	0.0019	0.00220
MW-252	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.24	3.84
MW-252	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	3	67	Most recent sample	0.0018	0.00220
MW-252	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	0.0151	0.140
MW-252	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0002	0.0002
MW-252	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.0015	0.0782
MW-252	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	31	0	CI around median	6.8/7.0	7.5/11.1
MW-252	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	3	0	Most recent sample	2.63	3.76
MW-252	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.001	0.00320
MW-252	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	3	0	Most recent sample	448	762
MW-252	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	3	100	All ND - Last	0.002	0.002
MW-252	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	31	0	CB around linear reg	1,120	3,260
MW-253	PMP	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.00230
MW-253	PMP	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.0104
MW-253	PMP	E002	Barium, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0562	0.261
MW-253	PMP	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.0005
MW-253	PMP	E002	Boron, total	mg/L	03/15/23 - 08/04/23	2	33	Most recent sample	0.0698	2.16
MW-253	PMP	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.002
MW-253	PMP	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	21	1,370
MW-253	PMP	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	2	50	Most recent sample	0.0015	0.0125

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-253	PMP	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.00220
MW-253	PMP	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.23	3.84
MW-253	PMP	E002	Lead, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.00220
MW-253	PMP	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0286	0.140
MW-253	PMP	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.0002	0.0002
MW-253	PMP	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.0069	0.0782
MW-253	PMP	E002	pH (field)	SU	03/22/16 - 08/04/23	30	0	CI around median	11.3/11.8	7.5/11.1
MW-253	PMP	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	2	0	Most recent sample	0.645	3.76
MW-253	PMP	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.001	0.00320
MW-253	PMP	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	2	0	Most recent sample	154	762
MW-253	PMP	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	2	100	All ND - Last	0.002	0.002
MW-253	PMP	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	30	0	CI around mean	448	3,260
MW-350	UA	E002	Antimony, total	mg/L	03/26/20 - 08/07/23	9	11	CI around mean	0.000845	0.00230
MW-350	UA	E002	Arsenic, total	mg/L	03/26/20 - 08/07/23	9	89	CI around median	0.001	0.0104
MW-350	UA	E002	Barium, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.188	0.261
MW-350	UA	E002	Beryllium, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.001	0.0005
MW-350	UA	E002	Boron, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.543	2.16
MW-350	UA	E002	Cadmium, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.001	0.002
MW-350	UA	E002	Chloride, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	40.8	1,370
MW-350	UA	E002	Chromium, total	mg/L	03/26/20 - 08/07/23	9	67	CI around median	0.0015	0.0125
MW-350	UA	E002	Cobalt, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.001	0.00220
MW-350	UA	E002	Fluoride, total	mg/L	03/26/20 - 08/07/23	9	0	CI around mean	0.138	3.84
MW-350	UA	E002	Lead, total	mg/L	03/26/20 - 08/07/23	9	56	CI around median	0.001	0.00220
MW-350	UA	E002	Lithium, total	mg/L	06/25/19 - 08/07/23	11	0	CI around mean	0.0733	0.140
MW-350	UA	E002	Mercury, total	mg/L	03/26/20 - 08/07/23	7	100	All ND - Last	0.0002	0.0002
MW-350	UA	E002	Molybdenum, total	mg/L	03/26/20 - 08/07/23	9	11	CI around mean	0.00263	0.0782
MW-350	UA	E002	pH (field)	SU	03/22/16 - 08/07/23	34	0	CB around T-S line	10.1/11.0	7.5/11.1



**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-350	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/26/20 - 08/07/23	9	0	CI around mean	0.891	3.76
MW-350	UA	E002	Selenium, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.001	0.00320
MW-350	UA	E002	Sulfate, total	mg/L	03/26/20 - 08/07/23	9	10	CI around mean	67	762
MW-350	UA	E002	Thallium, total	mg/L	03/26/20 - 08/07/23	9	100	All ND - Last	0.002	0.002
MW-350	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/07/23	32	0	CB around linear reg	157	3,260
MW-352	UA	E002	Antimony, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.00230
MW-352	UA	E002	Arsenic, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0104
MW-352	UA	E002	Barium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.0833	0.261
MW-352	UA	E002	Beryllium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.0005
MW-352	UA	E002	Boron, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	1.69	2.16
MW-352	UA	E002	Cadmium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.002
MW-352	UA	E002	Chloride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	510	1,370
MW-352	UA	E002	Chromium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.0125
MW-352	UA	E002	Cobalt, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.00220
MW-352	UA	E002	Fluoride, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	1.19	3.84
MW-352	UA	E002	Lead, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.00220
MW-352	UA	E002	Lithium, total	mg/L	03/15/23 - 08/04/23	4	0	CI around mean	0.08	0.140
MW-352	UA	E002	Mercury, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0002	0.0002
MW-352	UA	E002	Molybdenum, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.0015	0.0782
MW-352	UA	E002	pH (field)	SU	03/22/16 - 08/04/23	32	0	CB around T-S line	7.3/7.5	7.5/11.1
MW-352	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 08/04/23	4	0	CI around mean	0.586	3.76
MW-352	UA	E002	Selenium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.001	0.00320
MW-352	UA	E002	Sulfate, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	10	762
MW-352	UA	E002	Thallium, total	mg/L	03/15/23 - 08/04/23	4	100	All ND - Last	0.002	0.002
MW-352	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	32	0	CI around median	1,120	3,260
MW-366	UA	E002	Antimony, total	mg/L	01/20/16 - 08/04/23	21	100	All ND - Last	0.001	0.00230
MW-366	UA	E002	Arsenic, total	mg/L	01/20/16 - 08/04/23	21	95	CI around median	0.001	0.0104

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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 BALDWIN POWER PLANT  
 FLY ASH POND SYSTEM  
 BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-366	UA	E002	Barium, total	mg/L	01/20/16 - 08/04/23	21	0	CB around linear reg	0.0193	0.261
MW-366	UA	E002	Beryllium, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.001	0.0005
MW-366	UA	E002	Boron, total	mg/L	01/20/16 - 08/04/23	22	0	CI around geomean	1.5	2.16
MW-366	UA	E002	Cadmium, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.001	0.002
MW-366	UA	E002	Chloride, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	47.7	1,370
MW-366	UA	E002	Chromium, total	mg/L	01/20/16 - 08/04/23	21	100	All ND - Last	0.0015	0.0125
MW-366	UA	E002	Cobalt, total	mg/L	01/20/16 - 08/04/23	19	79	CI around median	0.001	0.00220
MW-366	UA	E002	Fluoride, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	0.103	3.84
MW-366	UA	E002	Lead, total	mg/L	01/20/16 - 08/04/23	18	100	All ND - Last	0.001	0.00220
MW-366	UA	E002	Lithium, total	mg/L	01/20/16 - 08/04/23	21	5	CB around linear reg	0.000761	0.140
MW-366	UA	E002	Mercury, total	mg/L	01/20/16 - 08/04/23	16	100	All ND - Last	0.0002	0.0002
MW-366	UA	E002	Molybdenum, total	mg/L	01/20/16 - 08/04/23	21	5	CI around mean	0.0028	0.0782
MW-366	UA	E002	pH (field)	SU	01/20/16 - 08/04/23	22	0	CB around linear reg	6.6/7.0	7.5/11.1
MW-366	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 08/04/23	21	0	CI around geomean	0.431	3.76
MW-366	UA	E002	Selenium, total	mg/L	01/20/16 - 08/04/23	21	95	CI around median	0.001	0.00320
MW-366	UA	E002	Sulfate, total	mg/L	01/20/16 - 08/04/23	22	0	CB around linear reg	550	762
MW-366	UA	E002	Thallium, total	mg/L	01/20/16 - 08/04/23	18	100	All ND - Last	0.002	0.002
MW-366	UA	E002	Total Dissolved Solids	mg/L	01/20/16 - 08/04/23	21	0	CB around linear reg	1,200	3,260
MW-375	UA	E002	Antimony, total	mg/L	01/20/16 - 08/07/23	21	24	CB around T-S line	-0.000161	0.00230
MW-375	UA	E002	Arsenic, total	mg/L	01/20/16 - 08/07/23	21	5	CI around median	0.0014	0.0104
MW-375	UA	E002	Barium, total	mg/L	01/20/16 - 08/07/23	21	0	CI around geomean	0.0247	0.261
MW-375	UA	E002	Beryllium, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.001	0.0005
MW-375	UA	E002	Boron, total	mg/L	01/20/16 - 08/07/23	22	0	CB around T-S line	1.45	2.16
MW-375	UA	E002	Cadmium, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.001	0.002
MW-375	UA	E002	Chloride, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	91.6	1,370
MW-375	UA	E002	Chromium, total	mg/L	01/20/16 - 08/07/23	21	100	All ND - Last	0.0015	0.0125
MW-375	UA	E002	Cobalt, total	mg/L	01/20/16 - 08/07/23	19	100	All ND - Last	0.001	0.00220

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
FLY ASH POND SYSTEM  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-375	UA	E002	Fluoride, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	2.22	3.84
MW-375	UA	E002	Lead, total	mg/L	01/20/16 - 08/07/23	18	100	All ND - Last	0.001	0.00220
MW-375	UA	E002	Lithium, total	mg/L	01/20/16 - 08/07/23	21	0	CB around linear reg	0.0701	0.140
MW-375	UA	E002	Mercury, total	mg/L	01/20/16 - 08/07/23	16	100	All ND - Last	0.0002	0.0002
MW-375	UA	E002	Molybdenum, total	mg/L	01/20/16 - 08/07/23	21	0	CI around mean	0.0247	0.0782
MW-375	UA	E002	pH (field)	SU	01/20/16 - 08/07/23	22	0	CI around median	7.7/7.8	7.5/11.1
MW-375	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 08/07/23	21	0	CI around median	0.248	3.76
MW-375	UA	E002	Selenium, total	mg/L	01/20/16 - 08/07/23	21	90	CI around median	0.001	0.00320
MW-375	UA	E002	Sulfate, total	mg/L	01/20/16 - 08/07/23	22	0	CI around mean	116	762
MW-375	UA	E002	Thallium, total	mg/L	01/20/16 - 08/07/23	18	100	All ND - Last	0.002	0.002
MW-375	UA	E002	Total Dissolved Solids	mg/L	01/20/16 - 08/07/23	22	0	CI around median	904	3,260
MW-377	UA	E002	Antimony, total	mg/L	01/19/16 - 08/07/23	21	100	All ND - Last	0.001	0.00230
MW-377	UA	E002	Arsenic, total	mg/L	01/19/16 - 08/07/23	21	81	CI around median	0.001	0.0104
MW-377	UA	E002	Barium, total	mg/L	01/19/16 - 08/07/23	21	0	CI around mean	0.0605	0.261
MW-377	UA	E002	Beryllium, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.001	0.0005
MW-377	UA	E002	Boron, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	1.67	2.16
MW-377	UA	E002	Cadmium, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.001	0.002
MW-377	UA	E002	Chloride, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	89.9	1,370
MW-377	UA	E002	Chromium, total	mg/L	01/19/16 - 08/07/23	21	95	CB around T-S line	0.00142	0.0125
MW-377	UA	E002	Cobalt, total	mg/L	01/19/16 - 08/07/23	19	100	All ND - Last	0.001	0.00220
MW-377	UA	E002	Fluoride, total	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	1.11	3.84
MW-377	UA	E002	Lead, total	mg/L	01/19/16 - 08/07/23	18	100	All ND - Last	0.001	0.00220
MW-377	UA	E002	Lithium, total	mg/L	01/19/16 - 08/07/23	21	0	CB around linear reg	0.0573	0.140
MW-377	UA	E002	Mercury, total	mg/L	01/19/16 - 08/07/23	16	100	All ND - Last	0.0002	0.0002
MW-377	UA	E002	Molybdenum, total	mg/L	01/19/16 - 08/07/23	21	62	CI around median	0.0015	0.0782
MW-377	UA	E002	pH (field)	SU	01/19/16 - 08/07/23	22	0	CI around median	7.1/7.2	7.5/11.1
MW-377	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 08/07/23	21	0	CI around mean	0.352	3.76

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-377	UA	E002	Selenium, total	mg/L	01/19/16 - 08/07/23	21	100	All ND - Last	0.001	0.00320
MW-377	UA	E002	Sulfate, total	mg/L	01/19/16 - 08/07/23	22	0	CB around linear reg	35.2	762
MW-377	UA	E002	Thallium, total	mg/L	01/19/16 - 08/07/23	18	100	All ND - Last	0.002	0.002
MW-377	UA	E002	Total Dissolved Solids	mg/L	01/19/16 - 08/07/23	22	0	CI around mean	598	3,260
MW-383	UA	E002	Antimony, total	mg/L	01/21/16 - 08/03/23	21	86	CB around T-S line	0.000686	0.00230
MW-383	UA	E002	Arsenic, total	mg/L	01/21/16 - 08/03/23	21	76	CI around median	0.001	0.0104
MW-383	UA	E002	Barium, total	mg/L	01/21/16 - 08/03/23	21	0	CB around T-S line	0.0441	0.261
MW-383	UA	E002	Beryllium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.0005
MW-383	UA	E002	Boron, total	mg/L	01/21/16 - 08/03/23	22	0	CI around median	1.33	2.16
MW-383	UA	E002	Cadmium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.002
MW-383	UA	E002	Chloride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around T-S line	40	1,370
MW-383	UA	E002	Chromium, total	mg/L	01/21/16 - 08/03/23	21	95	CB around T-S line	0.00142	0.0125
MW-383	UA	E002	Cobalt, total	mg/L	01/21/16 - 08/03/23	19	100	All ND - Last	0.001	0.00220
MW-383	UA	E002	Fluoride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	0.637	3.84
MW-383	UA	E002	Lead, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.001	0.00220
MW-383	UA	E002	Lithium, total	mg/L	01/21/16 - 08/03/23	21	0	CI around mean	0.033	0.140
MW-383	UA	E002	Mercury, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.0002	0.0002
MW-383	UA	E002	Molybdenum, total	mg/L	01/21/16 - 08/03/23	21	0	CI around geomean	0.0103	0.0782
MW-383	UA	E002	pH (field)	SU	01/21/16 - 08/03/23	22	0	CB around linear reg	7.4/7.6	7.5/11.1
MW-383	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 08/03/23	21	0	CI around mean	0.343	3.76
MW-383	UA	E002	Selenium, total	mg/L	01/21/16 - 08/03/23	21	95	CI around median	0.001	0.00320
MW-383	UA	E002	Sulfate, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	148	762
MW-383	UA	E002	Thallium, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.002	0.002
MW-383	UA	E002	Total Dissolved Solids	mg/L	01/21/16 - 08/03/23	22	0	CI around mean	873	3,260
MW-384	UA	E002	Antimony, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.00230
MW-384	UA	E002	Arsenic, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.0104
MW-384	UA	E002	Barium, total	mg/L	01/21/16 - 08/03/23	21	0	CB around linear reg	0.0384	0.261

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
FLY ASH POND SYSTEM  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-384	UA	E002	Beryllium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.0005
MW-384	UA	E002	Boron, total	mg/L	01/21/16 - 08/03/23	22	0	CI around median	1.41	2.16
MW-384	UA	E002	Cadmium, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.001	0.002
MW-384	UA	E002	Chloride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	459	1,370
MW-384	UA	E002	Chromium, total	mg/L	01/21/16 - 08/03/23	21	95	CB around T-S line	0.00142	0.0125
MW-384	UA	E002	Cobalt, total	mg/L	01/21/16 - 08/03/23	19	100	All ND - Last	0.001	0.00220
MW-384	UA	E002	Fluoride, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	3.6	3.84
MW-384	UA	E002	Lead, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.001	0.00220
MW-384	UA	E002	Lithium, total	mg/L	01/21/16 - 08/03/23	21	0	CI around mean	0.0386	0.140
MW-384	UA	E002	Mercury, total	mg/L	01/21/16 - 08/03/23	16	100	All ND - Last	0.0002	0.0002
MW-384	UA	E002	Molybdenum, total	mg/L	01/21/16 - 08/03/23	21	0	CB around linear reg	0.0204	0.0782
MW-384	UA	E002	pH (field)	SU	01/21/16 - 08/03/23	22	0	CI around median	7.8/8.0	7.5/11.1
MW-384	UA	E002	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 08/03/23	21	0	CI around geomean	0.346	3.76
MW-384	UA	E002	Selenium, total	mg/L	01/21/16 - 08/03/23	21	100	All ND - Last	0.001	0.00320
MW-384	UA	E002	Sulfate, total	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	-1.13	762
MW-384	UA	E002	Thallium, total	mg/L	01/21/16 - 08/03/23	18	100	All ND - Last	0.002	0.002
MW-384	UA	E002	Total Dissolved Solids	mg/L	01/21/16 - 08/03/23	22	0	CB around linear reg	1,440	3,260
MW-390	UA	E002	Antimony, total	mg/L	03/22/16 - 08/04/23	21	95	CI around median	0.001	0.00230
MW-390	UA	E002	Arsenic, total	mg/L	03/22/16 - 08/04/23	21	10	CI around geomean	0.00123	0.0104
MW-390	UA	E002	Barium, total	mg/L	03/22/16 - 08/04/23	21	0	CI around mean	0.0458	0.261
MW-390	UA	E002	Beryllium, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.001	0.0005
MW-390	UA	E002	Boron, total	mg/L	03/22/16 - 08/04/23	22	0	CB around linear reg	-0.635	2.16
MW-390	UA	E002	Cadmium, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.001	0.002
MW-390	UA	E002	Chloride, total	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	64.5	1,370
MW-390	UA	E002	Chromium, total	mg/L	03/22/16 - 08/04/23	21	100	All ND - Last	0.0015	0.0125
MW-390	UA	E002	Cobalt, total	mg/L	03/22/16 - 08/04/23	19	68	CB around T-S line	3.64e-07	0.00220
MW-390	UA	E002	Fluoride, total	mg/L	03/22/16 - 08/04/23	22	0	CB around linear reg	0.269	3.84

**ATTACHMENT C.**  
**COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**  
845 QUARTERLY REPORT  
BALDWIN POWER PLANT  
FLY ASH POND SYSTEM  
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-390	UA	E002	Lead, total	mg/L	03/22/16 - 08/04/23	18	94	CI around median	0.001	0.00220
MW-390	UA	E002	Lithium, total	mg/L	03/22/16 - 08/04/23	21	5	CI around mean	0.0196	0.140
MW-390	UA	E002	Mercury, total	mg/L	03/22/16 - 08/04/23	16	100	All ND - Last	0.0002	0.0002
MW-390	UA	E002	Molybdenum, total	mg/L	03/22/16 - 08/04/23	21	5	CI around geomean	0.00313	0.0782
MW-390	UA	E002	pH (field)	SU	03/22/16 - 08/04/23	22	0	CB around linear reg	6.7/7.2	7.5/11.1
MW-390	UA	E002	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 08/04/23	21	0	CI around mean	0.655	3.76
MW-390	UA	E002	Selenium, total	mg/L	03/22/16 - 08/04/23	21	90	CI around median	0.001	0.00320
MW-390	UA	E002	Sulfate, total	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	137	762
MW-390	UA	E002	Thallium, total	mg/L	03/22/16 - 08/04/23	18	100	All ND - Last	0.002	0.002
MW-390	UA	E002	Total Dissolved Solids	mg/L	03/22/16 - 08/04/23	22	0	CI around mean	679	3,260
MW-391	UA	E002	Antimony, total	mg/L	12/22/16 - 08/04/23	16	0	CI around geomean	0.00151	0.00230
MW-391	UA	E002	Arsenic, total	mg/L	12/22/16 - 08/04/23	16	6	CB around linear reg	0.00266	0.0104
MW-391	UA	E002	Barium, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	0.00953	0.261
MW-391	UA	E002	Beryllium, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.001	0.0005
MW-391	UA	E002	Boron, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	2.41	2.16
MW-391	UA	E002	Cadmium, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.001	0.002
MW-391	UA	E002	Chloride, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	152	1,370
MW-391	UA	E002	Chromium, total	mg/L	12/22/16 - 08/04/23	16	81	CB around T-S line	0.0015	0.0125
MW-391	UA	E002	Cobalt, total	mg/L	12/22/16 - 08/04/23	14	93	CI around median	0.001	0.00220
MW-391	UA	E002	Fluoride, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	2.9	3.84
MW-391	UA	E002	Lead, total	mg/L	12/22/16 - 08/04/23	13	100	All ND - Last	0.001	0.00220
MW-391	UA	E002	Lithium, total	mg/L	12/22/16 - 08/04/23	17	0	CI around mean	0.0703	0.140
MW-391	UA	E002	Mercury, total	mg/L	12/22/16 - 08/04/23	11	100	All ND - Last	0.0002	0.0002
MW-391	UA	E002	Molybdenum, total	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	0.0384	0.0782
MW-391	UA	E002	pH (field)	SU	12/22/16 - 08/04/23	17	0	CB around linear reg	7.7/8.1	7.5/11.1
MW-391	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/22/16 - 08/04/23	16	0	CI around mean	0.75	3.76
MW-391	UA	E002	Selenium, total	mg/L	12/22/16 - 08/04/23	16	0	CI around geomean	0.00178	0.00320



**ATTACHMENT C.  
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023**

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-391	UA	E002	Sulfate, total	mg/L	12/22/16 - 08/04/23	16	0	CB around linear reg	77.5	762
MW-391	UA	E002	Thallium, total	mg/L	12/22/16 - 08/04/23	14	93	CI around median	0.001	0.002
MW-391	UA	E002	Total Dissolved Solids	mg/L	12/22/16 - 08/04/23	16	0	CI around mean	1,970	3,260

**Notes:**

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

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 the Statistical Analysis Plan using constituent concentrations observed at each 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