



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

October 25, 2024

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

Re: Baldwin Power Plant Bottom Ash Pond; IEPA ID # W1578510001-06

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 3, 2024 sampling event at the Baldwin Power Plant Bottom Ash Pond (BAP), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1578510001-06. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS.

The date of this submittal is considered to be the date that exceedances of the GWPSs 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), Alternative Source Demonstrations (ASDs) were submitted on October 27, 2023 for the exceedance of the GWPS detected during the Quarter 2, 2023 sampling event and on July 8, 2024 for the exceedance of the GWPS detected during the Quarter 1, 2024 sampling event. Exceedances of chloride, fluoride, and lithium were detected during the Quarter 3, 2024 sampling event in the same monitoring wells identified in the approved ASDs. The IEPA provided a written concurrence with the ASDs on November 28, 2023 and August 8, 2024, respectively. An ASD was submitted on September 17, 2024, for a fluoride exceedance above the GWPS detected during the Quarter 2, 2024 sampling event. The fluoride exceedance was detected during the Quarter 3, 2024 sampling event in the same monitoring well identified in the Quarter 2, 2024 ASD. Upon IEPA concurrence with the ASD, groundwater monitoring will continue in accordance with 35 I.A.C. § 845.650(e)(5).

Sincerely,

A handwritten signature in blue ink, appearing to read "Phil Morris", is written over a light blue circular stamp.

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2024, Bottom Ash Pond, Baldwin Power Plant, Baldwin, Illinois

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
QUARTER 3, 2024
BOTOM ASH POND, BALDWIN POWER PLANT, BALDWIN, ILLINOIS

October 25, 2024

Samples were collected between July 17 and 22, 2024 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 August 26, 2024.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2024 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, 2024 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan¹ included in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 3, 2024 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 Demonstration² (ASD) was submitted on October 27, 2023 for exceedances of the chloride and fluoride GWPS detected during the Quarter 2, 2023 sampling event. Exceedances of chloride and fluoride were detected during the Quarter 3, 2024 sampling event in the same monitoring wells identified in the approved ASD. The Illinois Environmental Protection Agency (IEPA) provided a written concurrence with the ASD on November 28, 2023³.

A second ASD⁴ was submitted on July 8, 2024 for the exceedance of the lithium GWPS detected during the Quarter 1, 2024 sampling event. An exceedance of lithium was detected during the Quarter 3, 2024

¹ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *Groundwater Monitoring Plan Revision 1. Baldwin Power Plant, Bottom Ash Pond, Baldwin, Illinois. Dynegy Midwest Generation, LLC. August 1, 2023.*

² Geosyntec Consultants, Inc. (Geosyntec), 2024. *Alternative Source Demonstration. Baldwin Power Plant Bottom Ash Pond, (Unit ID #601), Prepared for Dynegy Midwest Generation, LLC. October 27, 2023.*

³ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Phil Morris (Dynegy Midwest Generation, LLC): Re: Baldwin Power Plant Bottom Ash Pond; W1578510001-06, Alternative Source Demonstration (ASD) Submittal. November 28, 2023.*

⁴ Geosyntec Consultants, Inc. (Geosyntec), 2024. *Alternative Source Demonstration. Baldwin Power Plant Bottom Ash Pond, (Unit ID #601), Prepared for Dynegy Midwest Generation, LLC. October 27, 2023.*

sampling event in the same monitoring wells identified in the approved ASD. The IEPA provided a written concurrence with the ASD on August 8, 2024⁵.

A third ASD⁶ was submitted on September 17, 2024 for the exceedance of the fluoride GWPS detected during the Quarter 2, 3034 sampling event. An exceedance of fluoride was detected during the Quarter 3, 2024 sampling event in the same monitoring wells identified in the ASD pending IEPA approval. Upon IEPA concurrence with the ASD, groundwater monitoring will continue in accordance with 35 I.A.C. § 845.650(e)(5).

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 3, 2024
Table 2	Comparison of Statistical Results to GWPS - Quarter 3, 2024

FIGURES

Figure 1	Monitoring Well Location Map

ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 3, 2024
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 3, 2024
Attachment C	Comparison of Statistical Results to Background - Quarter 3, 2024

⁵ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Phil Morris (Dynergy Midwest Generation, LLC): Re: Baldwin Power Plant Bottom Ash Pond; W1578510001-06, Alternative Source Demonstration (ASD) Submittal.* August 8, 2024.

⁶ Geosyntec Consultants, Inc. (Geosyntec), 2024. *Alternative Source Demonstration. Baldwin Power Plant Bottom Ash Pond, (Unit ID #601), Prepared for Dynergy Midwest Generation, LLC.* September 17, 2024.

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
MW-304	Background	E006	07/17/2024	Arsenic, total	0.00250 J	mg/L
MW-304	Background	E006	07/17/2024	Barium, total	0.0175	mg/L
MW-304	Background	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E006	07/17/2024	Boron, total	1.47 J	mg/L
MW-304	Background	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-304	Background	E006	07/17/2024	Calcium, total	9.99	mg/L
MW-304	Background	E006	07/17/2024	Chloride, total	169	mg/L
MW-304	Background	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
MW-304	Background	E006	07/17/2024	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E006	07/17/2024	Dissolved Oxygen	0.390	mg/L
MW-304	Background	E006	07/17/2024	Fluoride, total	1.69	mg/L
MW-304	Background	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-304	Background	E006	07/17/2024	Lithium, total	0.0750	mg/L
MW-304	Background	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-304	Background	E006	07/17/2024	Molybdenum, total	0.0007 J	mg/L
MW-304	Background	E006	07/17/2024	Oxidation Reduction Potential	-22.0	mV
MW-304	Background	E006	07/17/2024	pH (field)	7.7	SU
MW-304	Background	E006	07/17/2024	Radium 226 + Radium 228, total	0.499	pCi/L
MW-304	Background	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-304	Background	E006	07/17/2024	Specific Conductance @ 25C (field)	2,240	micromhos/cm
MW-304	Background	E006	07/17/2024	Sulfate, total	201	mg/L
MW-304	Background	E006	07/17/2024	Temperature	18.6	degrees C
MW-304	Background	E006	07/17/2024	Thallium, total	0.001 U	mg/L
MW-304	Background	E006	07/17/2024	Total Dissolved Solids	1,520	mg/L
MW-304	Background	E006	07/17/2024	Turbidity, field	14.0	NTU
MW-358	Background	E006	07/18/2024	Antimony, total	0.00110	mg/L
MW-358	Background	E006	07/18/2024	Arsenic, total	0.00110	mg/L
MW-358	Background	E006	07/18/2024	Barium, total	0.111	mg/L
MW-358	Background	E006	07/18/2024	Beryllium, total	0.0002 U	mg/L
MW-358	Background	E006	07/18/2024	Boron, total	0.142	mg/L
MW-358	Background	E006	07/18/2024	Cadmium, total	0.0002 U	mg/L
MW-358	Background	E006	07/18/2024	Calcium, total	70.6	mg/L
MW-358	Background	E006	07/18/2024	Chloride, total	101	mg/L
MW-358	Background	E006	07/18/2024	Chromium, total	0.00210	mg/L
MW-358	Background	E006	07/18/2024	Cobalt, total	0.001 UJ	mg/L
MW-358	Background	E006	07/18/2024	Dissolved Oxygen	0 U	mg/L
MW-358	Background	E006	07/18/2024	Fluoride, total	0.750	mg/L
MW-358	Background	E006	07/18/2024	Lead, total	0.0006 J	mg/L
MW-358	Background	E006	07/18/2024	Lithium, total	0.0379	mg/L
MW-358	Background	E006	07/18/2024	Mercury, total	0.00008 J	mg/L
MW-358	Background	E006	07/18/2024	Molybdenum, total	0.00370	mg/L
MW-358	Background	E006	07/18/2024	Oxidation Reduction Potential	-224	mV
MW-358	Background	E006	07/18/2024	pH (field)	7.6	SU
MW-358	Background	E006	07/18/2024	Radium 226 + Radium 228, total	0.329	pCi/L
MW-358	Background	E006	07/18/2024	Selenium, total	0.0006 U	mg/L

TABLE 1.
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845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-358	Background	E006	07/18/2024	Specific Conductance @ 25C (field)	1,120	micromhos/cm
MW-358	Background	E006	07/18/2024	Sulfate, total	88.0	mg/L
MW-358	Background	E006	07/18/2024	Temperature	17.8	degrees C
MW-358	Background	E006	07/18/2024	Thallium, total	0.001 U	mg/L
MW-358	Background	E006	07/18/2024	Total Dissolved Solids	640	mg/L
MW-358	Background	E006	07/18/2024	Turbidity, field	790	NTU
MW-192	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
MW-192	Compliance	E006	07/17/2024	Arsenic, total	0.0005 J	mg/L
MW-192	Compliance	E006	07/17/2024	Barium, total	0.0833	mg/L
MW-192	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-192	Compliance	E006	07/17/2024	Boron, total	0.0250 J	mg/L
MW-192	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-192	Compliance	E006	07/17/2024	Calcium, total	62.2	mg/L
MW-192	Compliance	E006	07/17/2024	Chloride, total	20.0	mg/L
MW-192	Compliance	E006	07/17/2024	Chromium, total	0.0011 J	mg/L
MW-192	Compliance	E006	07/17/2024	Cobalt, total	0.001 UJ	mg/L
MW-192	Compliance	E006	07/17/2024	Dissolved Oxygen	0.160	mg/L
MW-192	Compliance	E006	07/17/2024	Fluoride, total	0.450	mg/L
MW-192	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-192	Compliance	E006	07/17/2024	Lithium, total	0.00370	mg/L
MW-192	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-192	Compliance	E006	07/17/2024	Molybdenum, total	0.0013 J	mg/L
MW-192	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-110	mV
MW-192	Compliance	E006	07/17/2024	pH (field)	6.8	SU
MW-192	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.465	pCi/L
MW-192	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-192	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	702	micromhos/cm
MW-192	Compliance	E006	07/17/2024	Sulfate, total	18.0 J-	mg/L
MW-192	Compliance	E006	07/17/2024	Temperature	18.9	degrees C
MW-192	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
MW-192	Compliance	E006	07/17/2024	Total Dissolved Solids	430	mg/L
MW-192	Compliance	E006	07/17/2024	Turbidity, field	110	NTU
MW-193	Compliance	E006	07/17/2024	Antimony, total	0.001 UJ	mg/L
MW-193	Compliance	E006	07/17/2024	Arsenic, total	0.0008 J	mg/L
MW-193	Compliance	E006	07/17/2024	Barium, total	0.0681	mg/L
MW-193	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-193	Compliance	E006	07/17/2024	Boron, total	0.0398	mg/L
MW-193	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-193	Compliance	E006	07/17/2024	Calcium, total	74.6	mg/L
MW-193	Compliance	E006	07/17/2024	Chloride, total	32.0	mg/L
MW-193	Compliance	E006	07/17/2024	Chromium, total	0.0013 J	mg/L
MW-193	Compliance	E006	07/17/2024	Cobalt, total	0.001 UJ	mg/L
MW-193	Compliance	E006	07/17/2024	Dissolved Oxygen	0.450	mg/L
MW-193	Compliance	E006	07/17/2024	Fluoride, total	0.240	mg/L
MW-193	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-193	Compliance	E006	07/17/2024	Lithium, total	0.00430	mg/L

TABLE 1.
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845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-193	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-193	Compliance	E006	07/17/2024	Molybdenum, total	0.0008 J	mg/L
MW-193	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-39.0	mV
MW-193	Compliance	E006	07/17/2024	pH (field)	7.0	SU
MW-193	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.684	pCi/L
MW-193	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-193	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	940	micromhos/cm
MW-193	Compliance	E006	07/17/2024	Sulfate, total	175	mg/L
MW-193	Compliance	E006	07/17/2024	Temperature	18.8	degrees C
MW-193	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
MW-193	Compliance	E006	07/17/2024	Total Dissolved Solids	596	mg/L
MW-193	Compliance	E006	07/17/2024	Turbidity, field	17.0	NTU
MW-356	Compliance	E006	07/18/2024	Antimony, total	0.0005 J	mg/L
MW-356	Compliance	E006	07/18/2024	Arsenic, total	0.0004 U	mg/L
MW-356	Compliance	E006	07/18/2024	Barium, total	0.0300	mg/L
MW-356	Compliance	E006	07/18/2024	Beryllium, total	0.0002 U	mg/L
MW-356	Compliance	E006	07/18/2024	Boron, total	1.90	mg/L
MW-356	Compliance	E006	07/18/2024	Cadmium, total	0.0002 U	mg/L
MW-356	Compliance	E006	07/18/2024	Calcium, total	12.4	mg/L
MW-356	Compliance	E006	07/18/2024	Chloride, total	31.0	mg/L
MW-356	Compliance	E006	07/18/2024	Chromium, total	0.0007 U	mg/L
MW-356	Compliance	E006	07/18/2024	Cobalt, total	0.0001 U	mg/L
MW-356	Compliance	E006	07/18/2024	Dissolved Oxygen	1.90	mg/L
MW-356	Compliance	E006	07/18/2024	Fluoride, total	2.00	mg/L
MW-356	Compliance	E006	07/18/2024	Lead, total	0.0006 U	mg/L
MW-356	Compliance	E006	07/18/2024	Lithium, total	0.0557	mg/L
MW-356	Compliance	E006	07/18/2024	Mercury, total	0.00006 U	mg/L
MW-356	Compliance	E006	07/18/2024	Molybdenum, total	0.0014 J	mg/L
MW-356	Compliance	E006	07/18/2024	Oxidation Reduction Potential	46.0	mV
MW-356	Compliance	E006	07/18/2024	pH (field)	7.9	SU
MW-356	Compliance	E006	07/18/2024	Radium 226 + Radium 228, total	0.691	pCi/L
MW-356	Compliance	E006	07/18/2024	Selenium, total	0.0006 U	mg/L
MW-356	Compliance	E006	07/18/2024	Specific Conductance @ 25C (field)	1,040	micromhos/cm
MW-356	Compliance	E006	07/18/2024	Sulfate, total	46.0	mg/L
MW-356	Compliance	E006	07/18/2024	Temperature	17.4	degrees C
MW-356	Compliance	E006	07/18/2024	Thallium, total	0.001 U	mg/L
MW-356	Compliance	E006	07/18/2024	Total Dissolved Solids	716	mg/L
MW-356	Compliance	E006	07/18/2024	Turbidity, field	18.0	NTU
MW-369	Compliance	E006	07/18/2024	Antimony, total	0.0005 J	mg/L
MW-369	Compliance	E006	07/18/2024	Arsenic, total	0.00110	mg/L
MW-369	Compliance	E006	07/18/2024	Barium, total	0.124	mg/L
MW-369	Compliance	E006	07/18/2024	Beryllium, total	0.0002 U	mg/L
MW-369	Compliance	E006	07/18/2024	Boron, total	0.237	mg/L
MW-369	Compliance	E006	07/18/2024	Cadmium, total	0.0002 U	mg/L
MW-369	Compliance	E006	07/18/2024	Calcium, total	132	mg/L
MW-369	Compliance	E006	07/18/2024	Chloride, total	70.0	mg/L

TABLE 1.
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845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-369	Compliance	E006	07/18/2024	Chromium, total	0.0007 U	mg/L
MW-369	Compliance	E006	07/18/2024	Cobalt, total	0.00130 J+	mg/L
MW-369	Compliance	E006	07/18/2024	Dissolved Oxygen	0.160	mg/L
MW-369	Compliance	E006	07/18/2024	Fluoride, total	0.690	mg/L
MW-369	Compliance	E006	07/18/2024	Lead, total	0.0006 U	mg/L
MW-369	Compliance	E006	07/18/2024	Lithium, total	0.0140	mg/L
MW-369	Compliance	E006	07/18/2024	Mercury, total	0.00006 U	mg/L
MW-369	Compliance	E006	07/18/2024	Molybdenum, total	0.00260	mg/L
MW-369	Compliance	E006	07/18/2024	Oxidation Reduction Potential	-239	mV
MW-369	Compliance	E006	07/18/2024	pH (field)	7.6	SU
MW-369	Compliance	E006	07/18/2024	Radium 226 + Radium 228, total	1.14	pCi/L
MW-369	Compliance	E006	07/18/2024	Selenium, total	0.0006 U	mg/L
MW-369	Compliance	E006	07/18/2024	Specific Conductance @ 25C (field)	1,590	micromhos/cm
MW-369	Compliance	E006	07/18/2024	Sulfate, total	113	mg/L
MW-369	Compliance	E006	07/18/2024	Temperature	16.8	degrees C
MW-369	Compliance	E006	07/18/2024	Thallium, total	0.001 U	mg/L
MW-369	Compliance	E006	07/18/2024	Total Dissolved Solids	794	mg/L
MW-369	Compliance	E006	07/18/2024	Turbidity, field	49.0	NTU
MW-370	Compliance	E006	07/18/2024	Antimony, total	0.0004 U	mg/L
MW-370	Compliance	E006	07/18/2024	Arsenic, total	0.0007 J	mg/L
MW-370	Compliance	E006	07/18/2024	Barium, total	0.0318	mg/L
MW-370	Compliance	E006	07/18/2024	Beryllium, total	0.0002 U	mg/L
MW-370	Compliance	E006	07/18/2024	Boron, total	1.83	mg/L
MW-370	Compliance	E006	07/18/2024	Cadmium, total	0.0002 U	mg/L
MW-370	Compliance	E006	07/18/2024	Calcium, total	42.8	mg/L
MW-370	Compliance	E006	07/18/2024	Chloride, total	1,320	mg/L
MW-370	Compliance	E006	07/18/2024	Chromium, total	0.0007 U	mg/L
MW-370	Compliance	E006	07/18/2024	Cobalt, total	0.0001 U	mg/L
MW-370	Compliance	E006	07/18/2024	Dissolved Oxygen	0.270	mg/L
MW-370	Compliance	E006	07/18/2024	Fluoride, total	3.13	mg/L
MW-370	Compliance	E006	07/18/2024	Lead, total	0.0006 U	mg/L
MW-370	Compliance	E006	07/18/2024	Lithium, total	0.140	mg/L
MW-370	Compliance	E006	07/18/2024	Mercury, total	0.00006 U	mg/L
MW-370	Compliance	E006	07/18/2024	Molybdenum, total	0.00630	mg/L
MW-370	Compliance	E006	07/18/2024	Oxidation Reduction Potential	-49.0	mV
MW-370	Compliance	E006	07/18/2024	pH (field)	7.5	SU
MW-370	Compliance	E006	07/18/2024	Radium 226 + Radium 228, total	0.757	pCi/L
MW-370	Compliance	E006	07/18/2024	Selenium, total	0.0006 U	mg/L
MW-370	Compliance	E006	07/18/2024	Specific Conductance @ 25C (field)	5,440	micromhos/cm
MW-370	Compliance	E006	07/18/2024	Sulfate, total	254	mg/L
MW-370	Compliance	E006	07/18/2024	Temperature	16.9	degrees C
MW-370	Compliance	E006	07/18/2024	Thallium, total	0.001 U	mg/L
MW-370	Compliance	E006	07/18/2024	Total Dissolved Solids	2,990	mg/L
MW-370	Compliance	E006	07/18/2024	Turbidity, field	6.80	NTU
MW-382	Compliance	E006	07/18/2024	Antimony, total	0.0004 U	mg/L
MW-382	Compliance	E006	07/18/2024	Arsenic, total	0.00140	mg/L

TABLE 1.
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BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-382	Compliance	E006	07/18/2024	Barium, total	0.0254	mg/L
MW-382	Compliance	E006	07/18/2024	Beryllium, total	0.001 UJ	mg/L
MW-382	Compliance	E006	07/18/2024	Boron, total	1.66	mg/L
MW-382	Compliance	E006	07/18/2024	Cadmium, total	0.0002 U	mg/L
MW-382	Compliance	E006	07/18/2024	Calcium, total	26.7	mg/L
MW-382	Compliance	E006	07/18/2024	Chloride, total	37.0	mg/L
MW-382	Compliance	E006	07/18/2024	Chromium, total	0.0131	mg/L
MW-382	Compliance	E006	07/18/2024	Cobalt, total	0.00270 J+	mg/L
MW-382	Compliance	E006	07/18/2024	Dissolved Oxygen	0.220	mg/L
MW-382	Compliance	E006	07/18/2024	Fluoride, total	3.18	mg/L
MW-382	Compliance	E006	07/18/2024	Lead, total	0.00260	mg/L
MW-382	Compliance	E006	07/18/2024	Lithium, total	0.0616	mg/L
MW-382	Compliance	E006	07/18/2024	Mercury, total	0.00006 U	mg/L
MW-382	Compliance	E006	07/18/2024	Molybdenum, total	0.00230	mg/L
MW-382	Compliance	E006	07/18/2024	Oxidation Reduction Potential	-45.0	mV
MW-382	Compliance	E006	07/18/2024	pH (field)	7.6	SU
MW-382	Compliance	E006	07/18/2024	Radium 226 + Radium 228, total	1.83	pCi/L
MW-382	Compliance	E006	07/18/2024	Selenium, total	0.0006 U	mg/L
MW-382	Compliance	E006	07/18/2024	Specific Conductance @ 25C (field)	1,670	micromhos/cm
MW-382	Compliance	E006	07/18/2024	Sulfate, total	422	mg/L
MW-382	Compliance	E006	07/18/2024	Temperature	17.0	degrees C
MW-382	Compliance	E006	07/18/2024	Thallium, total	0.001 U	mg/L
MW-382	Compliance	E006	07/18/2024	Total Dissolved Solids	1,240	mg/L
MW-382	Compliance	E006	07/18/2024	Turbidity, field	120	NTU
MW-392	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
MW-392	Compliance	E006	07/17/2024	Arsenic, total	0.0004 U	mg/L
MW-392	Compliance	E006	07/17/2024	Barium, total	0.0365	mg/L
MW-392	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-392	Compliance	E006	07/17/2024	Boron, total	1.84	mg/L
MW-392	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-392	Compliance	E006	07/17/2024	Calcium, total	23.3	mg/L
MW-392	Compliance	E006	07/17/2024	Chloride, total	875	mg/L
MW-392	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
MW-392	Compliance	E006	07/17/2024	Cobalt, total	0.0001 U	mg/L
MW-392	Compliance	E006	07/17/2024	Dissolved Oxygen	0.490	mg/L
MW-392	Compliance	E006	07/17/2024	Fluoride, total	4.19	mg/L
MW-392	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-392	Compliance	E006	07/17/2024	Lithium, total	0.0779	mg/L
MW-392	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-392	Compliance	E006	07/17/2024	Molybdenum, total	0.0006 U	mg/L
MW-392	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-151	mV
MW-392	Compliance	E006	07/17/2024	pH (field)	7.7	SU
MW-392	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.35	pCi/L
MW-392	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-392	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	3,310	micromhos/cm
MW-392	Compliance	E006	07/17/2024	Sulfate, total	60.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-392	Compliance	E006	07/17/2024	Temperature	19.7	degrees C
MW-392	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
MW-392	Compliance	E006	07/17/2024	Total Dissolved Solids	1,940	mg/L
MW-392	Compliance	E006	07/17/2024	Turbidity, field	38.0	NTU
MW-393	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
MW-393	Compliance	E006	07/17/2024	Arsenic, total	0.0004 U	mg/L
MW-393	Compliance	E006	07/17/2024	Barium, total	0.0348	mg/L
MW-393	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-393	Compliance	E006	07/17/2024	Boron, total	1.74	mg/L
MW-393	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-393	Compliance	E006	07/17/2024	Calcium, total	5.61	mg/L
MW-393	Compliance	E006	07/17/2024	Chloride, total	775	mg/L
MW-393	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
MW-393	Compliance	E006	07/17/2024	Cobalt, total	0.0001 U	mg/L
MW-393	Compliance	E006	07/17/2024	Dissolved Oxygen	0.110	mg/L
MW-393	Compliance	E006	07/17/2024	Fluoride, total	9.93	mg/L
MW-393	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-393	Compliance	E006	07/17/2024	Lithium, total	0.0767	mg/L
MW-393	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-393	Compliance	E006	07/17/2024	Molybdenum, total	0.0006 U	mg/L
MW-393	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-141	mV
MW-393	Compliance	E006	07/17/2024	pH (field)	8.4	SU
MW-393	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.272	pCi/L
MW-393	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-393	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	4,310	micromhos/cm
MW-393	Compliance	E006	07/17/2024	Sulfate, total	226	mg/L
MW-393	Compliance	E006	07/17/2024	Temperature	19.3	degrees C
MW-393	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
MW-393	Compliance	E006	07/17/2024	Total Dissolved Solids	2,560	mg/L
MW-393	Compliance	E006	07/17/2024	Turbidity, field	17.0	NTU
MW-394	Compliance	E006	07/17/2024	Antimony, total	0.001 UJ	mg/L
MW-394	Compliance	E006	07/17/2024	Arsenic, total	0.0004 U	mg/L
MW-394	Compliance	E006	07/17/2024	Barium, total	0.0188	mg/L
MW-394	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
MW-394	Compliance	E006	07/17/2024	Boron, total	1.75	mg/L
MW-394	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
MW-394	Compliance	E006	07/17/2024	Calcium, total	7.23	mg/L
MW-394	Compliance	E006	07/17/2024	Chloride, total	784	mg/L
MW-394	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
MW-394	Compliance	E006	07/17/2024	Cobalt, total	0.0001 U	mg/L
MW-394	Compliance	E006	07/17/2024	Dissolved Oxygen	0.0400	mg/L
MW-394	Compliance	E006	07/17/2024	Fluoride, total	5.00	mg/L
MW-394	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
MW-394	Compliance	E006	07/17/2024	Lithium, total	0.0662	mg/L
MW-394	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
MW-394	Compliance	E006	07/17/2024	Molybdenum, total	0.0006 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-394	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-279	mV
MW-394	Compliance	E006	07/17/2024	pH (field)	8.3	SU
MW-394	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.0243	pCi/L
MW-394	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
MW-394	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	4,280	micromhos/cm
MW-394	Compliance	E006	07/17/2024	Sulfate, total	111	mg/L
MW-394	Compliance	E006	07/17/2024	Temperature	18.9	degrees C
MW-394	Compliance	E006	07/17/2024	Thallium, total	0.0013 J	mg/L
MW-394	Compliance	E006	07/17/2024	Total Dissolved Solids	2,380	mg/L
MW-394	Compliance	E006	07/17/2024	Turbidity, field	9.90	NTU
OW-256	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
OW-256	Compliance	E006	07/17/2024	Arsenic, total	0.00130	mg/L
OW-256	Compliance	E006	07/17/2024	Barium, total	0.0818	mg/L
OW-256	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
OW-256	Compliance	E006	07/17/2024	Boron, total	0.192	mg/L
OW-256	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
OW-256	Compliance	E006	07/17/2024	Calcium, total	79.5	mg/L
OW-256	Compliance	E006	07/17/2024	Chloride, total	59.0	mg/L
OW-256	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
OW-256	Compliance	E006	07/17/2024	Cobalt, total	0.001 UJ	mg/L
OW-256	Compliance	E006	07/17/2024	Dissolved Oxygen	1.36	mg/L
OW-256	Compliance	E006	07/17/2024	Fluoride, total	0.290	mg/L
OW-256	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
OW-256	Compliance	E006	07/17/2024	Lithium, total	0.00780	mg/L
OW-256	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
OW-256	Compliance	E006	07/17/2024	Molybdenum, total	0.001 J	mg/L
OW-256	Compliance	E006	07/17/2024	Oxidation Reduction Potential	24.0	mV
OW-256	Compliance	E006	07/17/2024	pH (field)	7.0	SU
OW-256	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.328	pCi/L
OW-256	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
OW-256	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	825	micromhos/cm
OW-256	Compliance	E006	07/17/2024	Sulfate, total	74.0	mg/L
OW-256	Compliance	E006	07/17/2024	Temperature	18.6	degrees C
OW-256	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
OW-256	Compliance	E006	07/17/2024	Total Dissolved Solids	504	mg/L
OW-256	Compliance	E006	07/17/2024	Turbidity, field	2.60	NTU
OW-257	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
OW-257	Compliance	E006	07/17/2024	Arsenic, total	0.00260	mg/L
OW-257	Compliance	E006	07/17/2024	Barium, total	0.0988	mg/L
OW-257	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
OW-257	Compliance	E006	07/17/2024	Boron, total	0.509	mg/L
OW-257	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
OW-257	Compliance	E006	07/17/2024	Calcium, total	103	mg/L
OW-257	Compliance	E006	07/17/2024	Chloride, total	8.00	mg/L
OW-257	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
OW-257	Compliance	E006	07/17/2024	Cobalt, total	0.00360 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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BALDWIN POWER PLANT
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BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
OW-257	Compliance	E006	07/17/2024	Dissolved Oxygen	4.30	mg/L
OW-257	Compliance	E006	07/17/2024	Fluoride, total	0.420	mg/L
OW-257	Compliance	E006	07/17/2024	Lead, total	0.0008 J	mg/L
OW-257	Compliance	E006	07/17/2024	Lithium, total	0.0319	mg/L
OW-257	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
OW-257	Compliance	E006	07/17/2024	Molybdenum, total	0.00280	mg/L
OW-257	Compliance	E006	07/17/2024	Oxidation Reduction Potential	113	mV
OW-257	Compliance	E006	07/17/2024	pH (field)	6.9	SU
OW-257	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.969	pCi/L
OW-257	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
OW-257	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	1,100	micromhos/cm
OW-257	Compliance	E006	07/17/2024	Sulfate, total	115	mg/L
OW-257	Compliance	E006	07/17/2024	Temperature	18.6	degrees C
OW-257	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
OW-257	Compliance	E006	07/17/2024	Total Dissolved Solids	744	mg/L
OW-257	Compliance	E006	07/17/2024	Turbidity, field	2.90	NTU
PZ-170	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Arsenic, total	0.00110	mg/L
PZ-170	Compliance	E006	07/17/2024	Barium, total	0.0825	mg/L
PZ-170	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Boron, total	0.255	mg/L
PZ-170	Compliance	E006	07/17/2024	Cadmium, total	0.0002 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Calcium, total	202	mg/L
PZ-170	Compliance	E006	07/17/2024	Chloride, total	82.0	mg/L
PZ-170	Compliance	E006	07/17/2024	Chromium, total	0.0007 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Cobalt, total	0.00310 J+	mg/L
PZ-170	Compliance	E006	07/17/2024	Dissolved Oxygen	0.970	mg/L
PZ-170	Compliance	E006	07/17/2024	Fluoride, total	0.220	mg/L
PZ-170	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Lithium, total	0.0306	mg/L
PZ-170	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Molybdenum, total	0.0006 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-122	mV
PZ-170	Compliance	E006	07/17/2024	pH (field)	6.7	SU
PZ-170	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	0.223	pCi/L
PZ-170	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	1,630	micromhos/cm
PZ-170	Compliance	E006	07/17/2024	Sulfate, total	299	mg/L
PZ-170	Compliance	E006	07/17/2024	Temperature	18.3	degrees C
PZ-170	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
PZ-170	Compliance	E006	07/17/2024	Total Dissolved Solids	1,240	mg/L
PZ-170	Compliance	E006	07/17/2024	Turbidity, field	1.70	NTU
PZ-182	Compliance	E006	07/17/2024	Antimony, total	0.0004 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Arsenic, total	0.0004 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Barium, total	0.0555	mg/L
PZ-182	Compliance	E006	07/17/2024	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024

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BOTTOM ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
PZ-182	Compliance	E006	07/17/2024	Boron, total	0.396	mg/L
PZ-182	Compliance	E006	07/17/2024	Cadmium, total	0.0006 J	mg/L
PZ-182	Compliance	E006	07/17/2024	Calcium, total	129	mg/L
PZ-182	Compliance	E006	07/17/2024	Chloride, total	18.0	mg/L
PZ-182	Compliance	E006	07/17/2024	Chromium, total	0.0009 J	mg/L
PZ-182	Compliance	E006	07/17/2024	Cobalt, total	0.001 UJ	mg/L
PZ-182	Compliance	E006	07/17/2024	Dissolved Oxygen	3.16	mg/L
PZ-182	Compliance	E006	07/17/2024	Fluoride, total	0.240	mg/L
PZ-182	Compliance	E006	07/17/2024	Lead, total	0.0006 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Lithium, total	0.0152	mg/L
PZ-182	Compliance	E006	07/17/2024	Mercury, total	0.00006 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Molybdenum, total	0.0006 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Oxidation Reduction Potential	-49.0	mV
PZ-182	Compliance	E006	07/17/2024	pH (field)	6.8	SU
PZ-182	Compliance	E006	07/17/2024	Radium 226 + Radium 228, total	1.01	pCi/L
PZ-182	Compliance	E006	07/17/2024	Selenium, total	0.0006 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Specific Conductance @ 25C (field)	777	micromhos/cm
PZ-182	Compliance	E006	07/17/2024	Sulfate, total	141	mg/L
PZ-182	Compliance	E006	07/17/2024	Temperature	28.2	degrees C
PZ-182	Compliance	E006	07/17/2024	Thallium, total	0.001 U	mg/L
PZ-182	Compliance	E006	07/17/2024	Total Dissolved Solids	578	mg/L
PZ-182	Compliance	E006	07/17/2024	Turbidity, field	17.0	NTU

Notes:
C = Celsius
cm = centimeter
mg/L = milligrams per liter
Missing Code (if applicable):
NR¹ = Select parameters were not analyzed.
NS¹ = This well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance, therefore, a sample was not collected.
NS³ = A sample was not collected because the location was inaccessible.
NS⁴ = The location could not be found, therefore a sample was not collected.
NS⁵ = A sample was not collected because of damage to the well.
NS⁶ = A sample was not collected because of pump issues.
NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.
PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.
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.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-192	UU	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.006	Standard	No Exceedance
MW-192	UU	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	38	CI around geomean	0.00124	0.010	Standard	No Exceedance
MW-192	UU	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0898	2.0	Standard	No Exceedance
MW-192	UU	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-192	UU	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	15	CI around mean	0.0247	2.23	Background	No Exceedance
MW-192	UU	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-192	UU	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	11.1	1,370	Background	No Exceedance
MW-192	UU	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.0015	0.1	Standard	No Exceedance
MW-192	UU	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	46	CI around median	0.001	0.006	Standard	No Exceedance
MW-192	UU	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.418	4.0	Standard	No Exceedance
MW-192	UU	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.0075	Standard	No Exceedance
MW-192	UU	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	8	CB around linear reg	-0.0247	0.123	Background	No Exceedance
MW-192	UU	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-192	UU	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	23	CB around T-S line	-0.00295	0.1	Standard	No Exceedance
MW-192	UU	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-192	UU	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.348	5	Standard	No Exceedance
MW-192	UU	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-192	UU	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	-7.84	400	Standard	No Exceedance
MW-192	UU	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-192	UU	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around T-S line	-1.79	3,260	Background	No Exceedance
MW-193	UU	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-193	UU	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	31	CB around T-S line	-0.00409	0.010	Standard	No Exceedance
MW-193	UU	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	0.0743	2.0	Standard	No Exceedance
MW-193	UU	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-193	UU	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	8	CI around mean	0.0378	2.23	Background	No Exceedance
MW-193	UU	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-193	UU	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	29.8	1,370	Background	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-193	UU	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-193	UU	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.245	4.0	Standard	No Exceedance
MW-193	UU	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-193	UU	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	15	CI around mean	0.00442	0.123	Background	No Exceedance
MW-193	UU	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-193	UU	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-193	UU	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.484	5	Standard	No Exceedance
MW-193	UU	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-193	UU	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	154	400	Standard	No Exceedance
MW-193	UU	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-193	UU	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	544	3,260	Background	No Exceedance
MW-356	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	28	89	CI around median	0.001	0.006	Standard	No Exceedance
MW-356	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	31	84	CI around median	0.001	0.010	Standard	No Exceedance
MW-356	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around median	0.0299	2.0	Standard	No Exceedance
MW-356	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-356	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	32	0	CI around median	1.94	2.23	Background	No Exceedance
MW-356	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-356	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	27.7	1,370	Background	No Exceedance
MW-356	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	30	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-356	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-356	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	1.99	4.0	Standard	No Exceedance
MW-356	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	29	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-356	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around geomean	0.0527	0.123	Background	No Exceedance
MW-356	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-356	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	31	64	CI around median	0.0015	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-356	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	32	0	CI around median	7.7/7.8	6.5/9.0	Standard/Standard	No Exceedance
MW-356	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	31	0	CI around median	0.146	5	Standard	No Exceedance
MW-356	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-356	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	32	0	CI around mean	44.3	400	Standard	No Exceedance
MW-356	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-356	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	31	0	CI around mean	661	3,260	Background	No Exceedance
MW-369	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	22	82	CB around T-S line	-0.000157	0.006	Standard	No Exceedance
MW-369	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	25	12	CI around geomean	0.00143	0.010	Standard	No Exceedance
MW-369	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	25	0	CB around T-S line	0.0689	2.0	Standard	No Exceedance
MW-369	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-369	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	26	0	CB around linear reg	-0.184	2.23	Background	No Exceedance
MW-369	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-369	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	85.4	1,370	Background	No Exceedance
MW-369	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	24	92	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-369	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	23	78	CI around median	0.001	0.006	Standard	No Exceedance
MW-369	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	26	0	CB around T-S line	-0.432	4.0	Standard	No Exceedance
MW-369	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	23	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-369	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	25	4	CI around mean	0.0206	0.123	Background	No Exceedance
MW-369	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-369	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	25	4	CB around T-S line	-0.00805	0.1	Standard	No Exceedance
MW-369	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	26	0	CI around mean	7.4/8.0	6.5/9.0	Standard/Standard	No Exceedance
MW-369	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	25	0	CI around mean	0.473	5	Standard	No Exceedance
MW-369	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	22	68	CB around T-S line	-0.0139	0.05	Standard	No Exceedance
MW-369	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	107	400	Standard	No Exceedance
MW-369	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-369	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	26	0	CI around median	732	3,260	Background	No Exceedance
MW-370	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	28	79	CB around T-S line	0.0000531	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-370	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	31	61	CB around T-S line	0.0000775	0.010	Standard	No Exceedance
MW-370	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	31	0	CB around T-S line	0.0263	2.0	Standard	No Exceedance
MW-370	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-370	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	32	0	CI around median	1.77	2.23	Background	No Exceedance
MW-370	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-370	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	1,390	1,370	Background	Exceedance
MW-370	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	30	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-370	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-370	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around T-S line	3.07	4.0	Standard	No Exceedance
MW-370	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-370	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around mean	0.132	0.123	Background	Exceedance
MW-370	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-370	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	31	3	CB around T-S line	0.00316	0.1	Standard	No Exceedance
MW-370	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	32	0	CB around T-S line	7.3/7.5	6.5/9.0	Standard/Standard	No Exceedance
MW-370	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	31	0	CI around geomean	0.575	5	Standard	No Exceedance
MW-370	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	28	96	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-370	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	32	0	CI around mean	249	400	Standard	No Exceedance
MW-370	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-370	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	2,990	3,260	Background	No Exceedance
MW-382	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	22	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-382	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	25	20	CI around median	0.0012	0.010	Standard	No Exceedance
MW-382	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	25	0	CI around mean	0.0182	2.0	Standard	No Exceedance
MW-382	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	20	95	CI around median	0.001	0.004	Standard	No Exceedance
MW-382	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	26	0	CI around median	1.71	2.23	Background	No Exceedance
MW-382	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-382	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around mean	34.5	1,370	Background	No Exceedance
MW-382	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	24	8	CB around linear reg	0.00737	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-382	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	23	61	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-382	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	2.82	4.0	Standard	No Exceedance
MW-382	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	23	52	CB around T-S line	0.001	0.0075	Standard	No Exceedance
MW-382	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	25	0	CI around geomean	0.058	0.123	Background	No Exceedance
MW-382	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-382	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	25	24	CI around geomean	0.00134	0.1	Standard	No Exceedance
MW-382	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	26	0	CI around mean	7.7/7.8	6.5/9.0	Standard/Standard	No Exceedance
MW-382	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	25	0	CB around T-S line	0.674	5	Standard	No Exceedance
MW-382	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	22	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-382	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	26	0	CB around linear reg	361	400	Standard	No Exceedance
MW-382	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-382	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	26	0	CI around mean	1,130	3,260	Background	No Exceedance
MW-392	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	69	CI around median	0.001	0.010	Standard	No Exceedance
MW-392	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0385	2.0	Standard	No Exceedance
MW-392	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-392	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1.7	2.23	Background	No Exceedance
MW-392	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-392	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	827	1,370	Background	No Exceedance
MW-392	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	4.01	4.0	Standard	Exceedance
MW-392	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.0075	Standard	No Exceedance
MW-392	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0629	0.123	Background	No Exceedance
MW-392	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-392	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	14	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-392	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.411	5	Standard	No Exceedance
MW-392	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-392	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around geomean	49.8	400	Standard	No Exceedance
MW-392	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-392	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	1,630	3,260	Background	No Exceedance
MW-393	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.010	Standard	No Exceedance
MW-393	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0257	2.0	Standard	No Exceedance
MW-393	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-393	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	1.61	2.23	Background	No Exceedance
MW-393	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-393	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	692	1,370	Background	No Exceedance
MW-393	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.1	Standard	No Exceedance
MW-393	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	8.48	4.0	Standard	Exceedance
MW-393	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-393	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.061	0.123	Background	No Exceedance
MW-393	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-393	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	62	CI around median	0.0015	0.1	Standard	No Exceedance
MW-393	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	14	0	CI around mean	7.9/8.3	6.5/9.0	Standard/Standard	No Exceedance
MW-393	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.266	5	Standard	No Exceedance
MW-393	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-393	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	176	400	Standard	No Exceedance
MW-393	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-393	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around T-S line	2,440	3,260	Background	No Exceedance
MW-394	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	69	CB around T-S line	-0.00133	0.006	Standard	No Exceedance
MW-394	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	54	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-394	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0273	2.0	Standard	No Exceedance
MW-394	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-394	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1.61	2.23	Background	No Exceedance
MW-394	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-394	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	511	1,370	Background	No Exceedance
MW-394	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	69	CI around median	0.0015	0.1	Standard	No Exceedance
MW-394	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.006	Standard	No Exceedance
MW-394	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	3.45	4.0	Standard	No Exceedance
MW-394	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.0075	Standard	No Exceedance
MW-394	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0537	0.123	Background	No Exceedance
MW-394	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-394	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	38	CI around mean	0.00302	0.1	Standard	No Exceedance
MW-394	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	7.7/8.0	6.5/9.0	Standard/Standard	No Exceedance
MW-394	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.371	5	Standard	No Exceedance
MW-394	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-394	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	-12.1	400	Standard	No Exceedance
MW-394	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-394	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1,830	3,260	Background	No Exceedance
OW-256	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.006	Standard	No Exceedance
OW-256	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	29	CI around median	0.001	0.010	Standard	No Exceedance
OW-256	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.0795	2.0	Standard	No Exceedance
OW-256	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.004	Standard	No Exceedance
OW-256	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.16	2.23	Background	No Exceedance
OW-256	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.005	Standard	No Exceedance
OW-256	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	53.4	1,370	Background	No Exceedance
OW-256	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0015	0.1	Standard	No Exceedance
OW-256	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
OW-256	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.233	4.0	Standard	No Exceedance
OW-256	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.0075	Standard	No Exceedance
OW-256	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	14	CI around mean	0.00374	0.123	Background	No Exceedance
OW-256	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
OW-256	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0015	0.1	Standard	No Exceedance
OW-256	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
OW-256	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.392	5	Standard	No Exceedance
OW-256	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.05	Standard	No Exceedance
OW-256	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	66	400	Standard	No Exceedance
OW-256	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002	Standard	No Exceedance
OW-256	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	479	3,260	Background	No Exceedance
OW-257	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.006	Standard	No Exceedance
OW-257	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	14	CI around geomean	0.000951	0.010	Standard	No Exceedance
OW-257	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around median	0.0988	2.0	Standard	No Exceedance
OW-257	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0005	0.004	Standard	No Exceedance
OW-257	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.439	2.23	Background	No Exceedance
OW-257	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.005	Standard	No Exceedance
OW-257	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	6.82	1,370	Background	No Exceedance
OW-257	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.0015	0.1	Standard	No Exceedance
OW-257	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	29	CI around geomean	0.000595	0.006	Standard	No Exceedance
OW-257	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.377	4.0	Standard	No Exceedance
OW-257	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.0075	Standard	No Exceedance
OW-257	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around median	0.0268	0.123	Background	No Exceedance
OW-257	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
OW-257	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	29	CI around geomean	0.00245	0.1	Standard	No Exceedance
OW-257	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.7/7.2	6.5/9.0	Standard/Standard	No Exceedance
OW-257	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around geomean	0.311	5	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
OW-257	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.05	Standard	No Exceedance
OW-257	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	104	400	Standard	No Exceedance
OW-257	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002	Standard	No Exceedance
OW-257	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around median	682	3,260	Background	No Exceedance
PZ-170	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	6	67	CI around median (Last Sample, n<7)	0.001	0.006	Standard	No Exceedance
PZ-170	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	6	33	CI around median (Last Sample, n<7)	0.0011	0.010	Standard	No Exceedance
PZ-170	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.0527	2.0	Standard	No Exceedance
PZ-170	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.004	Standard	No Exceedance
PZ-170	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.222	2.23	Background	No Exceedance
PZ-170	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.005	Standard	No Exceedance
PZ-170	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	6	0	CI around median (Last Sample, n<7)	82	1,370	Background	No Exceedance
PZ-170	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	6	67	CI around median (Last Sample, n<7)	0.0015	0.1	Standard	No Exceedance
PZ-170	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.00138	0.006	Standard	No Exceedance
PZ-170	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.181	4.0	Standard	No Exceedance
PZ-170	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	6	83	CI around median (Last Sample, n<7)	0.001	0.0075	Standard	No Exceedance
PZ-170	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.0263	0.123	Background	No Exceedance
PZ-170	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
PZ-170	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
PZ-170	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.5/6.7	6.5/9.0	Standard/Standard	No Exceedance
PZ-170	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.115	5	Standard	No Exceedance
PZ-170	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-170	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	163	400	Standard	No Exceedance
PZ-170	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-170	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	825	3,260	Background	No Exceedance
PZ-182	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.010	Standard	No Exceedance
PZ-182	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.0554	2.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
PZ-182	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.004	Standard	No Exceedance
PZ-182	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.398	2.23	Background	No Exceedance
PZ-182	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.005	Standard	No Exceedance
PZ-182	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	16.7	1,370	Background	No Exceedance
PZ-182	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
PZ-182	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	86	Most recent sample	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.148	4.0	Standard	No Exceedance
PZ-182	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-182	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.00978	0.123	Background	No Exceedance
PZ-182	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
PZ-182	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
PZ-182	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.5/6.7	6.5/9.0	Standard/Standard	No Exceedance
PZ-182	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.334	5	Standard	No Exceedance
PZ-182	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-182	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	133	400	Standard	No Exceedance
PZ-182	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-182	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	608	3,260	Background	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

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

UU = Upper Unit

mg/L = milligrams per liter

Missing Code (if applicable):

NR¹ = Select parameters were not analyzed.

NS¹ = This well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance, therefore, a sample was not collected.

NS³ = A sample was not collected because the location was inaccessible.

NS⁴ = The location could not be found, therefore a sample was not collected.

NS⁵ = A sample was not collected because of damage to the well.

NS⁶ = A sample was not collected because of pump issues.

NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.

PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.

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

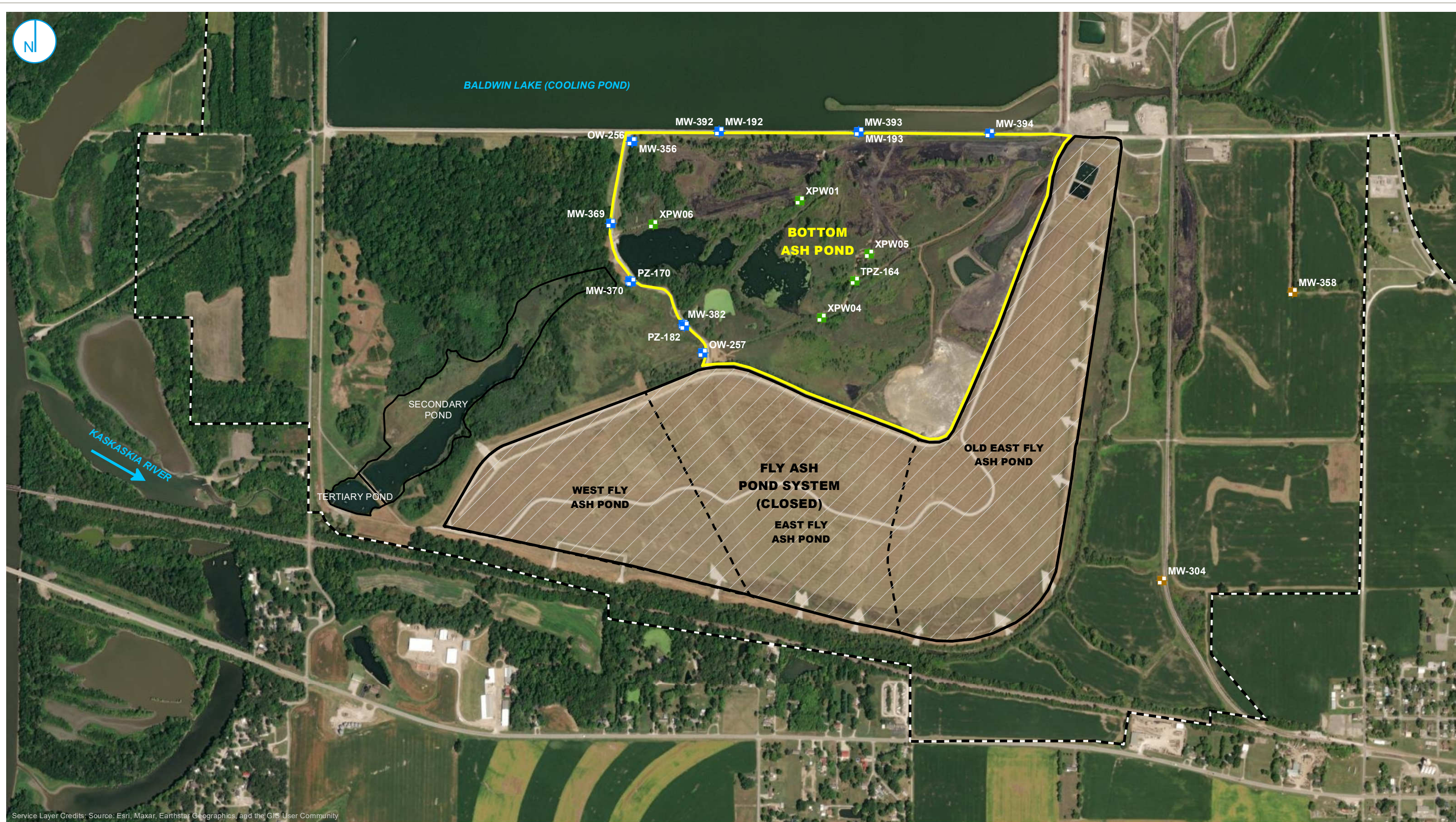
GWPS Source:

Background = background concentration

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

FIGURES

PROJECT: 169000XXXX | DATED: 6/20/2023 | DESIGNER: GALARNMC
Y:\Mapping\Projects\2212285\MXD\845_Operating_Permit\Baldwin\BAP\2023_Update\GMP\Figure 2-1_BAL BAP Proposed Monitoring Well Network.mxd



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



MONITORING WELL LOCATION MAP

FIGURE 1

BOTTOM ASH POND
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2024**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-192	Compliance	07/15/2024	8.29	428.82
MW-193	Compliance	07/15/2024	9.01	429.22
MW-304	Background	07/15/2024	9.11	446.25
MW-356	Compliance	07/15/2024	3.56	424.21
MW-358	Background	07/15/2024	2.17	453.73
MW-369	Compliance	07/15/2024	12.17	410.71
MW-370	Compliance	07/15/2024	18.44	402.58
MW-382	Compliance	07/15/2024	16.35	415.01
MW-392	Compliance	07/15/2024	8.97	428.22
MW-393	Compliance	07/15/2024	8.34	429.69
MW-394	Compliance	07/15/2024	6.64	431.82
OW-256	Compliance	07/15/2024	9.56	418.31
OW-257	Compliance	07/15/2024	6.35	424.84
PZ-170	Compliance	07/15/2024	15.14	406.13
PZ-182	Compliance	07/15/2024	17.96	413.82
TPZ-164	Water Level	07/15/2024	4.36	430.91
XPW01	Water Level	07/15/2024	10.10	427.73
XPW05	Water Level	07/15/2024	5.13	432.31
XPW06	Water Level	07/15/2024	2.59	415.30

Notes:
BMP = below measuring point
Missing Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was was not measured due to malfunctioning pressure transducer.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2024**

August 13, 2024

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-24Q3

WorkOrder: 24061962

Dear Eric Bauer:

TEKLAB, INC received 22 samples for BAL_845_601 on 7/23/2024 1:24:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

This reporting package includes the following:

Cover Letter	1
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Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	49
Quality Control Results	50
Receiving Check List	113
Chain of Custody	Appended

Definitions

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

Qualifiers

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



Case Narrative

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

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061962
Report Date: 13-Aug-24

Cooler Receipt Temp: 19.9 °C

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

Equipment Blank 2 was not needed.

MW-152, OW-256, and OW-257 collection times per field file. EAH 7/25/24

Per Eric Bauer's request, only BAL_257_601 data is included in this report.

This program-specific report was revised on August 13, 2024 per Eric Bauer's request. The reason for the revision is to include MW-394 data. Please replace report dated August 12, 2024 with this report. EAH 8/13/24

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: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-009
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: MW-192

Collection Date: 07/17/2024 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.14	ft	1	07/17/2024 14:12	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		110	NTU	1	07/17/2024 14:12	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-110	mV	1	07/17/2024 14:12	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		702	µS/cm	1	07/17/2024 14:12	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.9	°C	1	07/17/2024 14:12	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.16	mg/L	1	07/17/2024 14:12	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		6.75		1	07/17/2024 14:12	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		377	mg/L	1	07/18/2024 12:29	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 12:29	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		430	mg/L	1	07/19/2024 9:34	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	S	18	mg/L	1	07/22/2024 23:21	R350574
<i>Matrix spike did not recover within control limits. Results verify by dilution.</i>									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.45	mg/L	1	07/18/2024 10:51	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		20	mg/L	1	07/22/2024 23:20	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		62.2	mg/L	1	07/19/2024 10:22	225880
Magnesium	NELAP	0.0055	0.0500		26.6	mg/L	1	07/19/2024 10:22	225880
Potassium	NELAP	0.0400	0.100		0.502	mg/L	1	07/19/2024 10:22	225880
Sodium	NELAP	0.0180	0.0500		48.7	mg/L	1	07/19/2024 10:22	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 14:20	225880
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/19/2024 14:20	225880
Barium	NELAP	0.0007	0.0010		0.0833	mg/L	5	07/22/2024 13:03	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 14:20	225880
Boron	NELAP	0.0092	0.025	J	0.025	mg/L	5	07/19/2024 14:20	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 14:20	225880
Chromium	NELAP	0.0007	0.0015	J	0.0011	mg/L	5	07/19/2024 14:20	225880
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	07/19/2024 14:20	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 14:20	225880
Lithium	*	0.0015	0.0030		0.0037	mg/L	5	07/19/2024 14:20	225880
Molybdenum	NELAP	0.0006	0.0015	J	0.0013	mg/L	5	07/22/2024 13:03	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 14:20	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 14:20	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-009
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-192
Collection Date: 07/17/2024 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:20	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-010
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-193
Collection Date: 07/17/2024 8:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.19	ft	1	07/17/2024 8:26	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	07/17/2024 8:26	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-39	mV	1	07/17/2024 8:26	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		940	µS/cm	1	07/17/2024 8:26	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.8	°C	1	07/17/2024 8:26	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.45	mg/L	1	07/17/2024 8:26	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		6.96		1	07/17/2024 8:26	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		298	mg/L	1	07/18/2024 12:41	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 12:41	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		596	mg/L	1	07/19/2024 10:11	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		175	mg/L	5	07/22/2024 20:45	R350574
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.24	mg/L	1	07/18/2024 10:53	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		32	mg/L	1	07/22/2024 23:42	R350587
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		74.6	mg/L	1	07/19/2024 9:58	225880
Magnesium	NELAP	0.0055	0.0500		28.6	mg/L	1	07/19/2024 9:58	225880
Potassium	NELAP	0.0400	0.100		0.608	mg/L	1	07/19/2024 9:58	225880
Sodium	NELAP	0.0180	0.0500		73.1	mg/L	1	07/19/2024 9:58	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	0.0005	mg/L	5	07/19/2024 15:06	225880
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	07/19/2024 15:06	225880
Barium	NELAP	0.0007	0.0010		0.0681	mg/L	5	07/22/2024 12:29	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:06	225880
Boron	NELAP	0.0092	0.0250		0.0398	mg/L	5	07/19/2024 15:06	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:06	225880
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	07/19/2024 15:06	225880
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	07/19/2024 15:06	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:06	225880
Lithium	*	0.0015	0.0030		0.0043	mg/L	5	07/19/2024 15:06	225880
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	07/19/2024 15:06	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:06	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 15:06	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-010
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-193
Collection Date: 07/17/2024 8:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:27	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-016
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-304
Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.01	ft	1	07/17/2024 10:20	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		14	NTU	1	07/17/2024 10:20	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-22	mV	1	07/17/2024 10:20	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2240	µS/cm	1	07/17/2024 10:20	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	07/17/2024 10:20	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.39	mg/L	1	07/17/2024 10:20	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.70		1	07/17/2024 10:20	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		811	mg/L	1	07/18/2024 12:46	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 12:46	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1520	mg/L	1	07/19/2024 10:12	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		201	mg/L	10	07/26/2024 17:20	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.69	mg/L	1	07/18/2024 10:56	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		169	mg/L	5	07/26/2024 16:53	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		9.99	mg/L	1	07/19/2024 10:24	225880
Magnesium	NELAP	0.0055	0.0500		4.00	mg/L	1	07/19/2024 10:24	225880
Potassium	NELAP	0.0400	0.100		2.12	mg/L	1	07/19/2024 10:24	225880
Sodium	NELAP	0.360	1.00		515	mg/L	20	07/24/2024 18:21	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 15:12	225880
Arsenic	NELAP	0.0004	0.0010		0.0025	mg/L	5	07/19/2024 15:12	225880
Barium	NELAP	0.0007	0.0010		0.0175	mg/L	5	07/22/2024 12:35	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:12	225880
Boron	NELAP	0.0092	0.0250		1.47	mg/L	5	07/19/2024 15:12	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:12	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 15:12	225880
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/19/2024 15:12	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:12	225880
Lithium	*	0.0015	0.0030		0.0750	mg/L	5	07/19/2024 15:12	225880
Molybdenum	NELAP	0.0006	0.0015	J	0.0007	mg/L	5	07/19/2024 15:12	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:12	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 15:12	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-016
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-304
Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:29	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-020
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-356
Collection Date: 07/18/2024 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.98	ft	1	07/18/2024 9:55	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		18	NTU	1	07/18/2024 9:55	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		46	mV	1	07/18/2024 9:55	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1040	µS/cm	1	07/18/2024 9:55	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.4	°C	1	07/18/2024 9:55	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.90	mg/L	1	07/18/2024 9:55	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.90		1	07/18/2024 9:55	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		526	mg/L	1	07/19/2024 12:25	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/19/2024 12:25	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		716	mg/L	1	07/23/2024 8:54	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		46	mg/L	2	07/26/2024 18:16	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		2.00	mg/L	1	07/19/2024 12:25	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		31	mg/L	1	07/26/2024 17:49	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		12.4	mg/L	1	07/22/2024 19:45	225932
Magnesium	NELAP	0.0055	0.0500		7.69	mg/L	1	07/22/2024 19:45	225932
Potassium	NELAP	0.0400	0.100		2.99	mg/L	1	07/22/2024 19:45	225932
Sodium	NELAP	0.0180	0.0500		273	mg/L	1	07/22/2024 19:45	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/23/2024 0:27	225932
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/23/2024 0:27	225932
Barium	NELAP	0.0007	0.0010		0.0300	mg/L	5	07/23/2024 0:27	225932
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 0:27	225932
Boron	NELAP	0.0092	0.0250		1.90	mg/L	5	07/23/2024 0:27	225932
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 0:27	225932
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/23/2024 0:27	225932
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/23/2024 13:22	225932
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 0:27	225932
Lithium	*	0.0015	0.0030		0.0557	mg/L	5	07/23/2024 13:22	225932
Molybdenum	NELAP	0.0006	0.0015	J	0.0014	mg/L	5	07/23/2024 13:22	225932
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 0:27	225932
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/23/2024 13:22	225932



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-020
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-356
Collection Date: 07/18/2024 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/22/2024 14:17	225937



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-021
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-358
Collection Date: 07/18/2024 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.16	ft	1	07/18/2024 11:10	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		790	NTU	1	07/18/2024 11:10	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-224	mV	1	07/18/2024 11:10	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1120	µS/cm	1	07/18/2024 11:10	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.8	°C	1	07/18/2024 11:10	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		< 0	mg/L	1	07/18/2024 11:10	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.60		1	07/18/2024 11:10	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		353	mg/L	1	07/19/2024 12:32	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/19/2024 12:32	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		640	mg/L	1	07/23/2024 8:55	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		88	mg/L	2	07/29/2024 12:52	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.75	mg/L	1	07/19/2024 12:27	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		101	mg/L	20	07/26/2024 18:32	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		70.6	mg/L	1	07/22/2024 19:47	225932
Magnesium	NELAP	0.0055	0.0500		33.7	mg/L	1	07/22/2024 19:47	225932
Potassium	NELAP	0.0400	0.100		2.02	mg/L	1	07/22/2024 19:47	225932
Sodium	NELAP	0.0180	0.0500		126	mg/L	1	07/22/2024 19:47	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0011	mg/L	5	07/23/2024 1:13	225932
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	07/23/2024 1:13	225932
Barium	NELAP	0.0007	0.0010		0.111	mg/L	5	07/23/2024 1:13	225932
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:13	225932
Boron	NELAP	0.0092	0.0250		0.142	mg/L	5	07/23/2024 1:13	225932
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:13	225932
Chromium	NELAP	0.0007	0.0015		0.0021	mg/L	5	07/25/2024 17:57	225932
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	07/23/2024 13:28	225932
Lead	NELAP	0.0006	0.0010	J	0.0006	mg/L	5	07/23/2024 1:13	225932
Lithium	*	0.0015	0.0030		0.0379	mg/L	5	07/23/2024 13:28	225932
Molybdenum	NELAP	0.0006	0.0015		0.0037	mg/L	5	07/23/2024 1:13	225932
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:13	225932
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/23/2024 13:28	225932



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-021
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-358
Collection Date: 07/18/2024 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020	J	0.00008	mg/L	1	07/22/2024 14:19	225937



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-023
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-369
Collection Date: 07/18/2024 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.27	ft	1	07/18/2024 9:56	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		49	NTU	1	07/18/2024 9:56	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-239	mV	1	07/18/2024 9:56	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1590	µS/cm	1	07/18/2024 9:56	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.8	°C	1	07/18/2024 9:56	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.16	mg/L	1	07/18/2024 9:56	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.61		1	07/18/2024 9:56	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		509	mg/L	1	07/19/2024 12:46	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/19/2024 12:46	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		794	mg/L	1	07/23/2024 8:55	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		113	mg/L	5	07/26/2024 18:48	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.69	mg/L	1	07/19/2024 12:31	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		70	mg/L	5	07/26/2024 18:48	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		132	mg/L	1	07/22/2024 19:50	225932
Magnesium	NELAP	0.0055	0.0500		42.2	mg/L	1	07/22/2024 19:50	225932
Potassium	NELAP	0.0400	0.100		4.02	mg/L	1	07/22/2024 19:50	225932
Sodium	NELAP	0.0180	0.0500		106	mg/L	1	07/22/2024 19:50	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/23/2024 1:25	225932
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	07/23/2024 1:25	225932
Barium	NELAP	0.0007	0.0010		0.124	mg/L	5	07/23/2024 1:25	225932
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:25	225932
Boron	NELAP	0.0092	0.0250		0.237	mg/L	5	07/23/2024 1:25	225932
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:25	225932
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/23/2024 1:25	225932
Cobalt	NELAP	0.0001	0.0010		0.0013	mg/L	5	07/24/2024 15:41	225932
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:25	225932
Lithium	*	0.0015	0.0030		0.0140	mg/L	5	07/23/2024 14:37	225932
Molybdenum	NELAP	0.0006	0.0015		0.0026	mg/L	5	07/23/2024 14:37	225932
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:25	225932
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/23/2024 14:37	225932



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-023
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-369
Collection Date: 07/18/2024 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/22/2024 14:28	225937



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-024
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-370
Collection Date: 07/18/2024 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		18.32	ft	1	07/18/2024 10:51	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.8	NTU	1	07/18/2024 10:51	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-49	mV	1	07/18/2024 10:51	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5440	µS/cm	1	07/18/2024 10:51	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.9	°C	1	07/18/2024 10:51	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.27	mg/L	1	07/18/2024 10:51	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.51		1	07/18/2024 10:51	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		383	mg/L	1	07/19/2024 13:18	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/19/2024 13:18	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		2990	mg/L	1	07/23/2024 8:55	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		254	mg/L	10	07/26/2024 19:05	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		3.13	mg/L	1	07/19/2024 12:33	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		1320	mg/L	50	07/26/2024 19:12	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		42.8	mg/L	1	07/22/2024 19:59	225932
Magnesium	NELAP	0.0055	0.0500		24.3	mg/L	1	07/22/2024 19:59	225932
Potassium	NELAP	0.0400	0.100		6.84	mg/L	1	07/22/2024 19:59	225932
Sodium	NELAP	0.0180	0.0500		1300	mg/L	1	07/22/2024 19:59	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/23/2024 1:30	225932
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	07/23/2024 1:30	225932
Barium	NELAP	0.0007	0.0010		0.0318	mg/L	5	07/23/2024 1:30	225932
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:30	225932
Boron	NELAP	0.0092	0.0250		1.83	mg/L	5	07/23/2024 1:30	225932
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:30	225932
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/23/2024 1:30	225932
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/23/2024 14:43	225932
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:30	225932
Lithium	*	0.0015	0.0030		0.140	mg/L	5	07/23/2024 14:43	225932
Molybdenum	NELAP	0.0006	0.0015		0.0063	mg/L	5	07/23/2024 14:43	225932
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:30	225932
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/23/2024 14:43	225932



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-024
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-370
Collection Date: 07/18/2024 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/22/2024 14:30	225937



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-027
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-382
Collection Date: 07/18/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.13	ft	1	07/18/2024 12:04	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		120	NTU	1	07/18/2024 12:04	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-45	mV	1	07/18/2024 12:04	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1670	µS/cm	1	07/18/2024 12:04	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.0	°C	1	07/18/2024 12:04	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.22	mg/L	1	07/18/2024 12:04	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.62		1	07/18/2024 12:04	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		459	mg/L	1	07/19/2024 13:39	R350481
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		5	mg/L	1	07/19/2024 13:39	R350481
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1240	mg/L	1	07/23/2024 9:08	R350690
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		422	mg/L	20	07/26/2024 20:07	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		3.18	mg/L	1	07/19/2024 12:46	R350479
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		37	mg/L	1	07/26/2024 20:02	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		26.7	mg/L	1	07/22/2024 20:07	225932
Magnesium	NELAP	0.0055	0.0500		12.3	mg/L	1	07/22/2024 20:07	225932
Potassium	NELAP	0.0400	0.100		6.76	mg/L	1	07/22/2024 20:07	225932
Sodium	NELAP	0.0180	0.0500		420	mg/L	1	07/22/2024 20:07	225932
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/23/2024 1:42	225932
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	07/23/2024 1:42	225932
Barium	NELAP	0.0007	0.0010		0.0254	mg/L	5	07/23/2024 1:42	225932
Beryllium	NELAP	0.0002	0.0010	J	0.0005	mg/L	5	07/23/2024 1:42	225932
Boron	NELAP	0.0092	0.0250		1.66	mg/L	5	07/23/2024 1:42	225932
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/23/2024 1:42	225932
Chromium	NELAP	0.0007	0.0015		0.0131	mg/L	5	07/23/2024 1:42	225932
Cobalt	NELAP	0.0001	0.0010		0.0027	mg/L	5	07/24/2024 15:47	225932
Lead	NELAP	0.0006	0.0010		0.0026	mg/L	5	07/23/2024 1:42	225932
Lithium	*	0.0015	0.0030		0.0616	mg/L	5	07/23/2024 14:54	225932
Molybdenum	NELAP	0.0006	0.0015		0.0023	mg/L	5	07/24/2024 15:47	225932
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/23/2024 1:42	225932
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/23/2024 14:54	225932



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-027
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-382
Collection Date: 07/18/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/22/2024 14:41	225937



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-032
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: MW-392

Collection Date: 07/17/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.79	ft	1	07/17/2024 13:23	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		38	NTU	1	07/17/2024 13:23	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-151	mV	1	07/17/2024 13:23	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3310	µS/cm	1	07/17/2024 13:23	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.7	°C	1	07/17/2024 13:23	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.49	mg/L	1	07/17/2024 13:23	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.66		1	07/17/2024 13:23	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		355	mg/L	1	07/18/2024 13:18	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 13:18	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1940	mg/L	1	07/19/2024 10:25	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		60	mg/L	5	07/26/2024 20:58	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		4.19	mg/L	1	07/18/2024 11:04	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		875	mg/L	50	07/26/2024 21:04	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	23.3	mg/L	1	07/19/2024 10:39	225880
Magnesium	NELAP	0.110	1.00		15.7	mg/L	20	07/24/2024 7:21	225880
Potassium	NELAP	0.0400	0.100		4.43	mg/L	1	07/19/2024 10:39	225880
Sodium	NELAP	0.360	1.00	S	669	mg/L	20	07/24/2024 7:21	225880
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 15:40	225880
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Barium	NELAP	0.0007	0.0010		0.0365	mg/L	5	07/22/2024 14:23	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Boron	NELAP	0.0092	0.0250		1.84	mg/L	5	07/19/2024 15:40	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 15:40	225880
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Lithium	*	0.0015	0.0030		0.0779	mg/L	5	07/19/2024 15:40	225880
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/19/2024 15:40	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:40	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 15:40	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-032
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-392
Collection Date: 07/17/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:43	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-033
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-393
Collection Date: 07/17/2024 9:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.20	ft	1	07/17/2024 9:08	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	07/17/2024 9:08	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-141	mV	1	07/17/2024 9:08	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4310	µS/cm	1	07/17/2024 9:08	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.3	°C	1	07/17/2024 9:08	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.11	mg/L	1	07/17/2024 9:08	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		8.41		1	07/17/2024 9:08	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		774	mg/L	1	07/18/2024 13:24	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		39	mg/L	1	07/18/2024 13:24	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		2560	mg/L	1	07/19/2024 10:26	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		226	mg/L	10	07/26/2024 21:06	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.07	0.20		9.93	mg/L	2	07/18/2024 11:44	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	25	200		775	mg/L	50	07/26/2024 21:12	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		5.61	mg/L	1	07/19/2024 10:41	225880
Magnesium	NELAP	0.110	1.00		3.85	mg/L	20	07/24/2024 7:23	225880
Potassium	NELAP	0.0400	0.100		3.12	mg/L	1	07/19/2024 10:41	225880
Sodium	NELAP	0.360	1.00		943	mg/L	20	07/24/2024 7:23	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 15:34	225880
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Barium	NELAP	0.0007	0.0010		0.0348	mg/L	5	07/22/2024 12:58	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Boron	NELAP	0.0092	0.0250		1.74	mg/L	5	07/19/2024 15:34	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 15:34	225880
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Lithium	*	0.0015	0.0030		0.0767	mg/L	5	07/19/2024 15:34	225880
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/19/2024 15:34	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 15:34	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 15:34	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-033
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-393
Collection Date: 07/17/2024 9:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:45	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-034
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-394
Collection Date: 07/17/2024 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.52	ft	1	07/17/2024 9:54	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		9.9	NTU	1	07/17/2024 9:54	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-279	mV	1	07/17/2024 9:54	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4280	µS/cm	1	07/17/2024 9:54	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.9	°C	1	07/17/2024 9:54	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.04	mg/L	1	07/17/2024 9:54	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		8.26		1	07/17/2024 9:54	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		801	mg/L	1	07/18/2024 13:33	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 13:33	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		2380	mg/L	1	07/19/2024 10:26	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		111	mg/L	5	07/26/2024 21:14	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		5.00	mg/L	1	07/18/2024 11:20	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	10	80		784	mg/L	20	07/26/2024 21:20	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		7.23	mg/L	1	07/19/2024 10:42	225880
Magnesium	NELAP	0.110	1.00		4.08	mg/L	20	07/24/2024 7:24	225880
Potassium	NELAP	0.0400	0.100		2.66	mg/L	1	07/19/2024 10:42	225880
Sodium	NELAP	0.360	1.00		845	mg/L	20	07/24/2024 7:24	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	0.0008	mg/L	5	07/19/2024 16:55	225880
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Barium	NELAP	0.0007	0.0010		0.0188	mg/L	5	07/22/2024 13:55	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Boron	NELAP	0.0092	0.0250		1.75	mg/L	5	07/19/2024 16:55	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 16:55	225880
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Lithium	*	0.0015	0.0030		0.0662	mg/L	5	07/19/2024 16:55	225880
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/19/2024 16:55	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 16:55	225880
Thallium	NELAP	0.0010	0.0020	J	0.0013	mg/L	5	07/19/2024 16:55	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-034
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-394
Collection Date: 07/17/2024 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:47	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-037
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: OW-256

Collection Date: 07/17/2024 14:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.62	ft	1	07/17/2024 14:06	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.6	NTU	1	07/17/2024 14:06	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		24	mV	1	07/17/2024 14:06	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		825	µS/cm	1	07/17/2024 14:06	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	07/17/2024 14:06	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.36	mg/L	1	07/17/2024 14:06	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.05		1	07/17/2024 14:06	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		315	mg/L	1	07/18/2024 13:42	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 13:42	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		504	mg/L	1	07/19/2024 10:27	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		74	mg/L	5	07/26/2024 21:27	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.29	mg/L	1	07/18/2024 11:22	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		59	mg/L	5	07/26/2024 21:28	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		79.5	mg/L	1	07/19/2024 10:42	225880
Magnesium	NELAP	0.0055	0.0500		35.6	mg/L	1	07/24/2024 8:15	225880
Potassium	NELAP	0.0400	0.100		0.917	mg/L	1	07/19/2024 10:42	225880
Sodium	NELAP	0.0180	0.0500		56.9	mg/L	1	07/19/2024 10:42	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 17:00	225880
Arsenic	NELAP	0.0004	0.0010		0.0013	mg/L	5	07/19/2024 17:00	225880
Barium	NELAP	0.0007	0.0010		0.0818	mg/L	5	07/22/2024 14:01	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:00	225880
Boron	NELAP	0.0092	0.0250		0.192	mg/L	5	07/19/2024 17:00	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:00	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 17:00	225880
Cobalt	NELAP	0.0001	0.0010	J	0.0006	mg/L	5	07/19/2024 17:00	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:00	225880
Lithium	*	0.0015	0.0030		0.0078	mg/L	5	07/19/2024 17:00	225880
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	07/19/2024 17:00	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:00	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 17:00	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-037
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: OW-256
Collection Date: 07/17/2024 14:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:50	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-038
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: OW-257

Collection Date: 07/17/2024 10:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.24	ft	1	07/17/2024 10:33	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.9	NTU	1	07/17/2024 10:33	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		113	mV	1	07/17/2024 10:33	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1100	µS/cm	1	07/17/2024 10:33	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	07/17/2024 10:33	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.30	mg/L	1	07/17/2024 10:33	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		6.87		1	07/17/2024 10:33	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		547	mg/L	1	07/18/2024 13:48	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 13:48	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		744	mg/L	1	07/19/2024 10:27	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		115	mg/L	5	07/26/2024 21:36	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.42	mg/L	1	07/18/2024 11:25	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		8	mg/L	1	07/26/2024 21:30	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		103	mg/L	1	07/19/2024 10:43	225880
Magnesium	NELAP	0.0055	0.0500		50.4	mg/L	1	07/24/2024 8:16	225880
Potassium	NELAP	0.0400	0.100		2.65	mg/L	1	07/19/2024 10:43	225880
Sodium	NELAP	0.0180	0.0500		87.5	mg/L	1	07/19/2024 10:43	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 17:06	225880
Arsenic	NELAP	0.0004	0.0010		0.0026	mg/L	5	07/19/2024 17:06	225880
Barium	NELAP	0.0007	0.0010		0.0988	mg/L	5	07/22/2024 14:06	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:06	225880
Boron	NELAP	0.0092	0.0250		0.509	mg/L	5	07/19/2024 17:06	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:06	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 17:06	225880
Cobalt	NELAP	0.0001	0.0010		0.0036	mg/L	5	07/19/2024 17:06	225880
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	07/19/2024 17:06	225880
Lithium	*	0.0015	0.0030		0.0319	mg/L	5	07/19/2024 17:06	225880
Molybdenum	NELAP	0.0006	0.0015		0.0028	mg/L	5	07/19/2024 17:06	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:06	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 17:06	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-038
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: OW-257
Collection Date: 07/17/2024 10:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:52	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-039
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: PZ-170
Collection Date: 07/17/2024 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.18	ft	1	07/17/2024 12:25	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.7	NTU	1	07/17/2024 12:25	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-122	mV	1	07/17/2024 12:25	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1630	µS/cm	1	07/17/2024 12:25	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.3	°C	1	07/17/2024 12:25	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.97	mg/L	1	07/17/2024 12:25	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	07/17/2024 12:25	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		640	mg/L	1	07/18/2024 13:56	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 13:56	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1240	mg/L	1	07/19/2024 10:27	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		299	mg/L	10	07/26/2024 21:59	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.22	mg/L	1	07/18/2024 11:26	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		82	mg/L	10	07/26/2024 22:00	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		202	mg/L	1	07/19/2024 14:19	225880
Magnesium	NELAP	0.0055	0.0500		88.1	mg/L	1	07/24/2024 8:43	225880
Potassium	NELAP	0.0400	0.100		1.49	mg/L	1	07/19/2024 14:19	225880
Sodium	NELAP	0.0180	0.0500		99.6	mg/L	1	07/19/2024 14:19	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 17:12	225880
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	07/19/2024 17:12	225880
Barium	NELAP	0.0007	0.0010		0.0825	mg/L	5	07/22/2024 14:12	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:12	225880
Boron	NELAP	0.0092	0.0250		0.255	mg/L	5	07/19/2024 17:12	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:12	225880
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/19/2024 17:12	225880
Cobalt	NELAP	0.0001	0.0010		0.0031	mg/L	5	07/19/2024 17:12	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:12	225880
Lithium	*	0.0015	0.0030		0.0306	mg/L	5	07/19/2024 17:12	225880
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/19/2024 17:12	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:12	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 17:12	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-039
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: PZ-170
Collection Date: 07/17/2024 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:54	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-040
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: PZ-182

Collection Date: 07/17/2024 11:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.73	ft	1	07/17/2024 11:38	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		17	NTU	1	07/17/2024 11:38	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-49	mV	1	07/17/2024 11:38	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		777	µS/cm	1	07/17/2024 11:38	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		28.2	°C	1	07/17/2024 11:38	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.16	mg/L	1	07/17/2024 11:38	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		6.78		1	07/17/2024 11:38	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		298	mg/L	1	07/18/2024 14:08	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 14:08	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		578	mg/L	1	07/19/2024 10:34	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		141	mg/L	10	07/26/2024 22:08	R350878
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.24	mg/L	1	07/18/2024 11:29	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		18	mg/L	1	07/26/2024 22:02	R350886
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		129	mg/L	1	07/19/2024 14:20	225880
Magnesium	NELAP	0.0055	0.0500		54.3	mg/L	1	07/24/2024 8:44	225880
Potassium	NELAP	0.0400	0.100		0.603	mg/L	1	07/19/2024 14:20	225880
Sodium	NELAP	0.0180	0.0500		40.2	mg/L	1	07/19/2024 14:20	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/19/2024 17:17	225880
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/19/2024 17:17	225880
Barium	NELAP	0.0007	0.0010		0.0555	mg/L	5	07/22/2024 14:18	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 17:17	225880
Boron	NELAP	0.0092	0.0250		0.396	mg/L	5	07/19/2024 17:17	225880
Cadmium	*	0.0002	0.0010	J	0.0006	mg/L	5	07/19/2024 17:17	225880
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	07/19/2024 17:17	225880
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	07/19/2024 17:17	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:17	225880
Lithium	*	0.0015	0.0030		0.0152	mg/L	5	07/19/2024 17:17	225880
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/19/2024 17:17	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 17:17	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 17:17	225880

Contamination present in the MBLK. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-040
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: PZ-182
Collection Date: 07/17/2024 11:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 14:56	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-041
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: TPZ-164

Collection Date: 07/22/2024 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.31	ft	1	07/22/2024 13:13	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.1	NTU	1	07/22/2024 13:13	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-180	mV	1	07/22/2024 13:13	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		888	µS/cm	1	07/22/2024 13:13	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.0	°C	1	07/22/2024 13:13	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.15	mg/L	1	07/22/2024 13:13	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.39		1	07/22/2024 13:13	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		265	mg/L	1	07/23/2024 13:11	R350627
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/23/2024 13:11	R350627
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		498	mg/L	1	07/25/2024 9:37	R350848
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		126	mg/L	5	07/29/2024 9:56	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.30	mg/L	1	07/23/2024 9:38	R350609
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		54	mg/L	5	07/29/2024 9:56	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		66.9	mg/L	1	07/23/2024 16:49	226025
Magnesium	NELAP	0.0055	0.0500		27.2	mg/L	1	07/23/2024 16:49	226025
Potassium	NELAP	0.200	0.500		11.4	mg/L	5	07/25/2024 13:04	226025
Sodium	NELAP	0.0180	0.0500		78.0	mg/L	1	07/23/2024 16:49	226025
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/24/2024 18:27	226025
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	07/24/2024 18:27	226025
Barium	NELAP	0.0007	0.0010		0.0777	mg/L	5	07/24/2024 18:27	226025
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 18:27	226025
Boron	NELAP	0.0092	0.0250		1.15	mg/L	5	07/24/2024 18:27	226025
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 18:27	226025
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/24/2024 18:27	226025
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	07/24/2024 18:27	226025
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/24/2024 18:27	226025
Lithium	*	0.0015	0.0030		0.0128	mg/L	5	07/24/2024 18:27	226025
Molybdenum	NELAP	0.0006	0.0015		0.0132	mg/L	5	07/25/2024 18:03	226025
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/24/2024 18:27	226025
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/24/2024 18:27	226025

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-041
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: TPZ-164
Collection Date: 07/22/2024 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/23/2024 12:28	226026



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-042
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: XPW01
Collection Date: 07/22/2024 12:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.57	ft	1	07/22/2024 12:03	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.5	NTU	1	07/22/2024 12:03	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-68	mV	1	07/22/2024 12:03	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		646	µS/cm	1	07/22/2024 12:03	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.1	°C	1	07/22/2024 12:03	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.13	mg/L	1	07/22/2024 12:03	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.18		1	07/22/2024 12:03	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		203	mg/L	1	07/23/2024 13:16	R350627
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/23/2024 13:16	R350627
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		338	mg/L	1	07/25/2024 9:37	R350848
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		78	mg/L	5	07/29/2024 9:59	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.65	mg/L	1	07/23/2024 9:41	R350609
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		42	mg/L	5	07/29/2024 9:59	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		60.0	mg/L	1	07/23/2024 16:50	226025
Magnesium	NELAP	0.0055	0.0500		20.2	mg/L	1	07/23/2024 16:50	226025
Potassium	NELAP	0.0400	0.100		9.30	mg/L	1	07/23/2024 16:50	226025
Sodium	NELAP	0.0180	0.0500		41.7	mg/L	1	07/23/2024 16:50	226025
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/25/2024 18:09	226025
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	07/25/2024 18:09	226025
Barium	NELAP	0.0007	0.0010		0.113	mg/L	5	07/24/2024 19:13	226025
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 19:13	226025
Boron	NELAP	0.0092	0.0250		0.964	mg/L	5	07/24/2024 19:13	226025
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 19:13	226025
Chromium	NELAP	0.0007	0.0015		0.0016	mg/L	5	07/24/2024 19:13	226025
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	07/24/2024 19:13	226025
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/24/2024 19:13	226025
Lithium	*	0.0015	0.0030		0.0167	mg/L	5	07/24/2024 19:13	226025
Molybdenum	NELAP	0.0006	0.0015		0.0529	mg/L	5	07/24/2024 19:13	226025
Selenium	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	07/24/2024 19:13	226025
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/24/2024 19:13	226025



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-042
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: XPW01
Collection Date: 07/22/2024 12:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/23/2024 12:31	226026



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-043
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: XPW05

Collection Date: 07/22/2024 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.15	ft	1	07/22/2024 12:42	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		11	NTU	1	07/22/2024 12:42	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-97	mV	1	07/22/2024 12:42	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		853	µS/cm	1	07/22/2024 12:42	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		22.6	°C	1	07/22/2024 12:42	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.55	mg/L	1	07/22/2024 12:42	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.21		1	07/22/2024 12:42	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		258	mg/L	1	07/23/2024 13:20	R350627
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/23/2024 13:20	R350627
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		482	mg/L	1	07/25/2024 9:37	R350848
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		100	mg/L	5	07/29/2024 10:13	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.57	mg/L	1	07/23/2024 9:43	R350609
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		49	mg/L	1	07/29/2024 10:07	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		54.7	mg/L	1	07/23/2024 16:52	226025
Magnesium	NELAP	0.0055	0.0500		23.2	mg/L	1	07/23/2024 16:52	226025
Potassium	NELAP	0.0400	0.100		9.59	mg/L	1	07/23/2024 16:52	226025
Sodium	NELAP	0.0180	0.0500		80.5	mg/L	1	07/23/2024 16:52	226025
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	0.0006	mg/L	5	07/24/2024 19:19	226025
Arsenic	NELAP	0.0004	0.0010		0.0067	mg/L	5	07/24/2024 19:19	226025
Barium	NELAP	0.0007	0.0010		0.278	mg/L	5	07/24/2024 19:19	226025
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 19:19	226025
Boron	NELAP	0.0092	0.0250		0.828	mg/L	5	07/24/2024 19:19	226025
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 19:19	226025
Chromium	NELAP	0.0007	0.0015		0.0018	mg/L	5	07/24/2024 19:19	226025
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	07/24/2024 19:19	226025
Lead	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	07/24/2024 19:19	226025
Lithium	*	0.0015	0.0030		0.0063	mg/L	5	07/24/2024 19:19	226025
Molybdenum	NELAP	0.0006	0.0015		0.0120	mg/L	5	07/25/2024 18:14	226025
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/24/2024 19:19	226025
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/24/2024 19:19	226025

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-043
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: XPW05
Collection Date: 07/22/2024 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/23/2024 12:33	226026



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-044
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: XPW06

Collection Date: 07/22/2024 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.47	ft	1	07/22/2024 11:27	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.8	NTU	1	07/22/2024 11:27	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-71	mV	1	07/22/2024 11:27	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		814	µS/cm	1	07/22/2024 11:27	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.4	°C	1	07/22/2024 11:27	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.09	mg/L	1	07/22/2024 11:27	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.35		1	07/22/2024 11:27	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		249	mg/L	1	07/23/2024 13:26	R350627
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/23/2024 13:26	R350627
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		560	mg/L	1	07/25/2024 9:09	R350848
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		190	mg/L	5	07/29/2024 10:20	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.52	mg/L	1	07/23/2024 9:44	R350609
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	3	mg/L	1	07/29/2024 10:15	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	83.9	mg/L	1	07/23/2024 16:54	226025
Magnesium	NELAP	0.0055	0.0500	S	20.8	mg/L	1	07/23/2024 16:54	226025
Potassium	NELAP	0.400	1.00		24.4	mg/L	10	07/25/2024 13:05	226025
Sodium	NELAP	0.0180	0.0500	S	46.9	mg/L	1	07/23/2024 16:54	226025
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	BJ	0.0005	mg/L	5	07/24/2024 18:33	226025
Arsenic	NELAP	0.0004	0.0010		0.0047	mg/L	5	07/24/2024 18:33	226025
Barium	NELAP	0.0007	0.0010		0.238	mg/L	5	07/24/2024 18:33	226025
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 18:33	226025
Boron	NELAP	0.0092	0.0250		2.80	mg/L	5	08/05/2024 9:33	226553
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/24/2024 18:33	226025
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/24/2024 18:33	226025
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	07/24/2024 18:33	226025
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/24/2024 18:33	226025
Lithium	*	0.0015	0.0030		0.0130	mg/L	5	07/24/2024 18:33	226025
Molybdenum	NELAP	0.0006	0.0015		0.0879	mg/L	5	07/24/2024 18:33	226025
Selenium	NELAP	0.0006	0.0010		0.0012	mg/L	5	07/24/2024 18:33	226025
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/24/2024 18:33	226025

Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-044
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: XPW06
Collection Date: 07/22/2024 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/23/2024 12:35	226026



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-045
Matrix: AQUEOUS

Work Order: 24061962
Report Date: 13-Aug-24

Client Sample ID: Field Blank

Collection Date: 07/23/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	07/25/2024 12:02	R350768
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/25/2024 12:02	R350768
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/27/2024 11:32	R350897
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/29/2024 10:26	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/25/2024 10:13	R350762
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		< 4	mg/L	1	07/29/2024 10:26	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	07/24/2024 13:44	226078
Magnesium	NELAP	0.0055	0.0500		< 0.0500	mg/L	1	07/24/2024 13:44	226078
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	07/24/2024 13:44	226078
Sodium	NELAP	0.0180	0.0500		< 0.0500	mg/L	1	07/24/2024 13:44	226078
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/25/2024 0:09	226078
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/25/2024 0:09	226078
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	07/25/2024 0:09	226078
Beryllium	NELAP	0.0002	0.0010	J	0.0006	mg/L	5	07/25/2024 0:09	226078
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	07/25/2024 0:09	226078
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/25/2024 0:09	226078
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/25/2024 19:29	226078
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	07/25/2024 0:09	226078
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/25/2024 0:09	226078
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	07/25/2024 0:09	226078
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/25/2024 0:09	226078
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/25/2024 0:09	226078
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/25/2024 0:09	226078
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/26/2024 13:02	226132



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-046
Matrix: GROUNDWATER

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: MW-304 Duplicate
Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.01	ft	1	07/17/2024 10:20	R350621
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		14	NTU	1	07/17/2024 10:20	R350621
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-22	mV	1	07/17/2024 10:20	R350621
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2240	µS/cm	1	07/17/2024 10:20	R350621
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	07/17/2024 10:20	R350621
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.39	mg/L	1	07/17/2024 10:20	R350621
SW-846 9040B FIELD									
pH	*	0	1.00		7.70		1	07/17/2024 10:20	R350621
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		822	mg/L	1	07/18/2024 14:14	R350412
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/18/2024 14:14	R350412
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1500	mg/L	1	07/19/2024 10:34	R350547
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		184	mg/L	10	07/29/2024 10:29	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		1.65	mg/L	1	07/18/2024 11:31	R350406
SW-846 9251 (TOTAL)									
Chloride	NELAP	5	40		160	mg/L	10	07/29/2024 10:28	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		10.5	mg/L	1	07/19/2024 14:20	225880
Magnesium	NELAP	0.110	1.00		4.40	mg/L	20	07/24/2024 7:24	225880
Potassium	NELAP	0.0400	0.100		2.24	mg/L	1	07/19/2024 14:20	225880
Sodium	NELAP	0.360	1.00		540	mg/L	20	07/24/2024 7:24	225880
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0010	mg/L	5	07/22/2024 15:04	225880
Arsenic	NELAP	0.0004	0.0010		0.0035	mg/L	5	07/19/2024 18:04	225880
Barium	NELAP	0.0007	0.0010		0.0191	mg/L	5	07/22/2024 15:04	225880
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 18:04	225880
Boron	NELAP	0.0092	0.0250		2.03	mg/L	5	07/19/2024 18:04	225880
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/19/2024 18:04	225880
Chromium	NELAP	0.0007	0.0015	J	0.0011	mg/L	5	07/19/2024 18:04	225880
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	07/19/2024 18:04	225880
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 18:04	225880
Lithium	*	0.0015	0.0030		0.0950	mg/L	5	07/19/2024 18:04	225880
Molybdenum	NELAP	0.0006	0.0015	J	0.0009	mg/L	5	07/19/2024 18:04	225880
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/19/2024 18:04	225880
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/19/2024 18:04	225880



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll	Work Order: 24061962
Client Project: BAL-24Q3	Report Date: 13-Aug-24
Lab ID: 24061962-046	Client Sample ID: MW-304 Duplicate
Matrix: GROUNDWATER	Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/19/2024 15:08	225881



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061962-047
Matrix: AQUEOUS

Work Order: 24061962
Report Date: 13-Aug-24
Client Sample ID: Equipment Blank 1
Collection Date: 07/23/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	07/25/2024 12:05	R350768
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/25/2024 12:05	R350768
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/27/2024 11:33	R350897
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	07/29/2024 10:53	R350922
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	07/25/2024 10:16	R350762
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		< 4	mg/L	1	07/29/2024 10:52	R350942
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		0.142	mg/L	1	07/24/2024 13:45	226078
Magnesium	NELAP	0.0055	0.050	J	0.027	mg/L	1	07/24/2024 13:45	226078
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	07/24/2024 13:45	226078
Sodium	NELAP	0.018	0.050	J	0.028	mg/L	1	07/24/2024 13:45	226078
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	B	< 0.0010	mg/L	5	07/25/2024 0:15	226078
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/25/2024 0:15	226078
Barium	NELAP	0.0007	0.0010	J	0.0008	mg/L	5	07/25/2024 0:15	226078
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/25/2024 0:15	226078
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	07/25/2024 0:15	226078
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	07/25/2024 0:15	226078
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/25/2024 20:55	226078
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	07/25/2024 0:15	226078
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/25/2024 0:15	226078
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	07/25/2024 0:15	226078
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/25/2024 0:15	226078
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/25/2024 0:15	226078
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/25/2024 0:15	226078
Contamination present in the MBLK for Sb. Sample results below the reporting limit are reportable per the TNI Standard.									
CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/26/2024 13:04	226132



Sample Summary

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

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061962
Report Date: 13-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061962-009	MW-192	Groundwater	2	07/17/2024 14:12
24061962-010	MW-193	Groundwater	2	07/17/2024 8:26
24061962-016	MW-304	Groundwater	4	07/17/2024 10:20
24061962-020	MW-356	Groundwater	2	07/18/2024 9:55
24061962-021	MW-358	Groundwater	2	07/18/2024 11:10
24061962-023	MW-369	Groundwater	2	07/18/2024 9:56
24061962-024	MW-370	Groundwater	2	07/18/2024 10:51
24061962-027	MW-382	Groundwater	2	07/18/2024 12:04
24061962-032	MW-392	Groundwater	2	07/17/2024 13:23
24061962-033	MW-393	Groundwater	2	07/17/2024 9:08
24061962-034	MW-394	Groundwater	2	07/17/2024 9:54
24061962-037	OW-256	Groundwater	2	07/17/2024 14:06
24061962-038	OW-257	Groundwater	2	07/17/2024 10:33
24061962-039	PZ-170	Groundwater	2	07/17/2024 12:25
24061962-040	PZ-182	Groundwater	2	07/17/2024 11:38
24061962-041	TPZ-164	Groundwater	2	07/22/2024 13:13
24061962-042	XPW01	Groundwater	2	07/22/2024 12:03
24061962-043	XPW05	Groundwater	2	07/22/2024 12:42
24061962-044	XPW06	Groundwater	2	07/22/2024 11:27
24061962-045	Field Blank	Aqueous	4	07/23/2024 12:04
24061962-046	MW-304 Duplicate	Groundwater	4	07/17/2024 10:20
24061962-047	Equipment Blank 1	Aqueous	4	07/23/2024 12:11



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

STANDARD METHODS 2510 B FIELD

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1J											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	07/16/2024	

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1T											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.7	90	110	07/17/2024	

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2B											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1420	1412	0	100.3	90	110	07/17/2024

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2J											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	07/17/2024	

Batch R350621		SampType: LCS		Units μS/cm							
SampID: LCS-2T											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1410	1412	0	100.1	90	110	07/18/2024

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3B											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	07/18/2024	

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3J											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	07/18/2024	

Batch R350621		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-4B											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.4	90	110	07/19/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

STANDARD METHODS 2510 B FIELD

Batch R350621		SampType: LCS		Units µS/cm							
SampID: LCS-4J											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1400	1412	0	99.5	90	110	07/19/2024

Batch R350621		SampType: LCS		Units µS/cm							
SampID: LCS-5J											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1410	1412	0	99.6	90	110	07/22/2024

Batch R350621		SampType: LCS		Units µS/cm							
SampID: LCS-6J											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.8	90	110	07/23/2024	

SW-846 9040B FIELD

Batch R350621		SampType:	LCS		Units						
SampID: LCS-1J											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH		*	1.00		7.00	7.000	0	100.0	98.57	101.4	07/16/2024

Batch R350621		SampType: LCS		Units							
SampID: LCS-1T											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	07/17/2024	

Batch R350621		SampType: LCS		Units							
SampID: LCS-2B											
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	07/17/2024

Batch R350621		SampType: LCS		Units							
SampID: LCS-2J											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4	07/17/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9040B FIELD

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-2T												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			
												07/18/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-3B												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4			
												07/18/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-3J												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			
												07/18/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-4B												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			
												07/19/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-4J												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		6.99	7.000	0	99.9	98.57	101.4			
												07/19/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-5J												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		6.98	7.000	0	99.7	98.57	101.4			
												07/22/2024

Batch R350621		SampType: LCS		Units								Date
SampID: LCS-6J												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4			
												07/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350547		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	07/19/2024

Batch R350547		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		940	1000	0	94.0	90	110	07/19/2024	

Batch R350547		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24061962-030ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1080				1052	2.26	07/19/2024

Batch R350690		SampType: MBLK		Units mg/L							
SampID: MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/23/2024	

Batch R350690		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids			20		962	1000	0	96.2	90	110	07/23/2024

Batch R350690		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24061962-018ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1340				1320	1.20	07/23/2024

Batch R350752		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
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	07/24/2024

Batch R350752		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Total Dissolved Solids			20		1010	1000	0	101.2	90	110	07/24/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350752		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 24071773-006ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		3340				3635	8.61	07/24/2024

Batch	R350848	SampType:	MBLK	Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/25/2024	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/25/2024	

Batch	R350848	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		962	1000	0	96.2	90	110	07/25/2024		
Total Dissolved Solids		20		954	1000	0	95.4	90	110	07/25/2024		

Batch R350848		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 24071455-010ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		260				256.0	1.55	07/25/2024

Batch R350848		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24071732-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		242				254.0	4.84	07/25/2024

Batch R350897		SampType: MBLK		Units mg/L							
SampID: MBLK										Date Analyzed	
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	07/27/2024

Batch R350897		SampType: LCS		Units mg/L							
SampleID: LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids			20		1020	1000	0	102.2	90	110	07/27/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R350897		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24071132-027ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		314				298.0	5.23	07/27/2024

Batch R350897		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24071873-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			1000		15600				16600	6.21	07/27/2024

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

Batch R350402		SampType: MBLK		Units mg/L							
SampID: MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/18/2024	

Batch R350402		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)			0.05		0.31	0.3045	0	100.5	90	110	07/18/2024

Batch R350402		SampType: MS		Units mg/L							
SampID: 24061962-046AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	97.8	85	115	07/18/2024

Batch R350402		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 24061962-046AMSD											
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	0.4890	2.48	07/18/2024	

Batch R350402		SampType: MS		Units mg/L							
SampID: 24071526-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.56	0.5000	0.05200	101.0	85	115	07/18/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

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

Batch R350402		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071526-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.56	0.5000	0.05200	101.2	0.5570	0.18	07/18/2024

Batch R350402		SampType: MS		Units mg/L							
SampID: 24071605-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.4	85	115	07/18/2024	

Batch R350402		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071605-010AMSD											
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	0.4770	0.00	07/18/2024

Batch R350489		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	07/19/2024

Batch R350489		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)			0.05		0.31	0.3045	0	100.5	90	110	07/19/2024

Batch R350489		SampType: MS		Units mg/L							
SampID: 24061962-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	98.2	85	115	07/19/2024	

Batch R350489		SampType:	MSD		Units mg/L				RPD Limit 10		
SampID: 24061962-005AMSD											
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	98.2	0.4910	0.00	07/19/2024



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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

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Batch R350628		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	07/23/2024
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/23/2024

Batch	R350628	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)		0.05		0.32	0.3045	0	106.7	90	110	07/23/2024	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	106.7	90	110	07/23/2024	

Batch R350628		SampType: MS		Units mg/L							
SampID: 24071781-002AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.62	0.5000	0.1470	94.8	85	115	07/23/2024

Batch R350628		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071781-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.63	0.5000	0.1470	95.8	0.6210	0.80	07/23/2024

Batch R350628		SampType: MS		Units mg/L							
SampID: 24071826-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	85	115	07/23/2024	

Batch R350628		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071826-001AMSD											
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	100.4	0.5050	0.60	07/23/2024

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

Batch	R350393	SampType:	MBLK	Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						07/18/2024	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	07/18/2024	



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Batch R350393		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.509	0.5000	0	101.8	90	110	07/18/2024	

Batch R350393		SampType: MS		Units mg/Kg-dry							
SampID: 24071290-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.511		3.16	2.557	0.6238	99.2	90	110	07/18/2024	

Batch R350393		SampType: MSD		Units mg/Kg-dry				RPD Limit 10			
SampID: 24071290-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.511		3.14	2.557	0.6238	98.4	3.160	0.65	07/18/2024

Batch R350393		SampType: MS		Units mg/L							
SampID: 24071319-008AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.39	0.5000	0.8790	103.0	90	110	07/18/2024	

Batch R350393		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071319-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.39	0.5000	0.8790	102.4	1.394	0.22	07/18/2024

Batch R350393		SampType: MS		Units mg/L							
SampID: 24071382-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.250		4.67	1.250	3.451	97.6	90	110	07/18/2024	

Batch R350393		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071382-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		4.70	1.250	3.451	99.8	4.671	0.58	07/18/2024

Batch R350393		SampType: MS		Units mg/L							
SampID: 24071407-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.56	2.500	2.004	102.4	90	110	07/18/2024	



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Batch R350393		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071407-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		4.45	2.500	2.004	97.8	4.563	2.55	07/18/2024

Batch R350393		SampType: MS		Units mg/L							
SampID: 24071407-010BMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrate-Nitrite (as N)			1.00		16.3	5.000	11.04	105.8	90	110	07/18/2024

Batch R350393		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 24071407-010BMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)				1.00		15.7	5.000	11.04	94.0	16.33	3.67	07/18/2024

Batch R350393		SampType: MS		Units mg/L							
SampID: 24071606-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		9.77	5.000	4.795	99.4	90	110	07/18/2024	

Batch R350393		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 24071606-001AMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)				1.00		9.73	5.000	4.795	98.7	9.767	0.40	07/18/2024

Batch	R350520	SampType:	MBLK	Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate (as N)		0.050		< 0.050						07/19/2024	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	07/19/2024	

Batch R350520		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.520	0.5000	0	104.0	90	110	07/19/2024



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Client Project: BAL-24Q3

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Batch R350520		SampType: MS		Units mg/L							
SampID: 24061962-014AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.252	0.2500	0.02000	92.8	85	115	07/19/2024

Batch R350520		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-014AMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.247	0.2500	0.02000	90.8	0.2520	2.00	07/19/2024

Batch R350520		SampType: MS		Units mg/L							
SampID: 24071316-005BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		2.17	1.250	0.8870	102.3	90	110	07/19/2024

Batch R350520		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 24071316-005BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		2.16	1.250	0.8870	101.8	2.166	0.28	07/19/2024

Batch R350520		SampType: MS		Units mg/L							
SampID: 24071605-001BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.283	0.2500	0.04200	96.4	85	115	07/19/2024

Batch R350520		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 24071605-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.283	0.2500	0.04200	96.4	0.2830	0.00	07/19/2024

Batch R350520		SampType: MS		Units mg/L							
SampID: 24071605-008BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.238	0.2500	0	95.2	85	115	07/19/2024

Batch R350520		SampType:	MSD		Units mg/L				RPD Limit 10		
SampID: 24071605-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.241	0.2500	0	96.4	0.2380	1.25	07/19/2024



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Client Project: BAL-24Q3

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Batch R350645		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate (as N)		0.050		< 0.050						07/23/2024	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	07/23/2024	

Batch R350645		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.485	0.5000	0	97.0	90	110	07/23/2024	

Batch R350645		SampType: MS		Units mg/Kg-dry							Date
SampID: 24071492-001AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		70.0		355	350.1	25.77	93.9	85	115	07/23/2024	

Batch R350645		SampType: MSD		Units mg/Kg-dry							RPD Limit 10
SampID: 24071492-001AMSD											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		70.0		342	350.1	25.77	90.2	354.6	3.70	07/23/2024	

Batch R350645		SampType: MS		Units mg/L							Date
SampID: 24071826-001AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.05		0.25	0.2500	0	100.4	90	110	07/23/2024	

Batch R350645		SampType: MSD		Units mg/L							RPD Limit 10
SampID: 24071826-001AMSD											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.05		0.26	0.2500	0	102.4	0.2510	1.97	07/23/2024	

Batch R350645		SampType: MS		Units mg/L							Date
SampID: 24071835-002BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		2.50		34.9	12.50	22.76	96.9	85	115	07/23/2024	



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Batch R350645		SampType: MSD		Units mg/L			RPD Limit 10				
SampID: 24071835-002BMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			2.50		34.7	12.50	22.76	95.4	34.87	0.53	
											07/23/2024

SW-846 9036 (DISSOLVED)

Batch R350574		SampType: MS		Units mg/L							
SampID: 24071438-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		36	20.00	18.35	88.6	85	115	07/22/2024	

Batch R350574		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071438-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10		36	20.00	18.35	85.8	36.07	1.59	07/22/2024

Batch R350671		SampType: MS		Units mg/L							
SampID: 24061962-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		213	100.0	113.6	99.4	85	115	07/24/2024	

Batch R350671		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			50		220	100.0	113.6	106.0	213.0	3.03	07/24/2024

Batch R350671		SampType: MS		Units mg/L							
SampID: 24071605-001BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Sulfate		10	S	39	20.00	14.87	121.3	85	115	07/24/2024	

Batch R350671		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 24071605-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10	S	39	20.00	14.87	120.6	39.12	0.33	07/24/2024



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Work Order: 24061962

Client Project: BAL-24Q3

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SW-846 9036 (DISSOLVED)

Batch R350671		SampType: MS		Units mg/L							Date
SampID: 24071605-003BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		20		99	40.00	63.71	89.2	85	115	07/24/2024	

Batch R350671		SampType: MSD		Units mg/L							RPD Limit 10	Date
SampID: 24071605-003BMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfate		20	E	102	40.00	63.71	94.9	99.39	2.27	07/24/2024		

Batch R350878		SampType: MS		Units mg/L							Date
SampID: 24071773-005BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		1000		3400	2000	1559	92.2	85	115	07/26/2024	

Batch R350878		SampType: MSD		Units mg/L							RPD Limit 10	Date
SampID: 24071773-005BMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfate		1000		3410	2000	1559	92.5	3403	0.17	07/26/2024		

Batch R350922		SampType: MS		Units mg/L							Date
SampID: 24061962-008BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		50		166	100.0	75.94	89.6	85	115	07/29/2024	

Batch R350922		SampType: MSD		Units mg/L							RPD Limit 10	Date
SampID: 24061962-008BMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfate		50		164	100.0	75.94	88.3	165.5	0.75	07/29/2024		

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Batch R350574		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		10		< 10	6.140	0	0	-100	100	07/22/2024	



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Batch R350574		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Sulfate		10		20	20.00	0	99.7	90	110	07/22/2024	

Batch R350574		SampType: MS		Units mg/L							
SampID: 24061962-009AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		37	20.00	17.81	93.7	85	115	07/22/2024	

Batch R350574		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-009AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10	S	34	20.00	17.81	82.4	36.55	6.38	07/22/2024

Batch R350574		SampType: MS		Units mg/L							
SampID: 24071384-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		237	100.0	140.4	96.7	90	110	07/22/2024	

Batch R350574		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071384-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			50		244	100.0	140.4	103.3	237.2	2.73	07/22/2024

Batch R350671		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/24/2024	

Batch R350671		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	93.0	90	110	07/24/2024	

Batch R350671		SampType: MS		Units mg/L							
SampID: 24071416-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		500		2230	1000	1275	95.5	90	110	07/24/2024	



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Batch R350671		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 24071416-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			500		2320	1000	1275	104.8	2230	4.08	07/24/2024

Batch R350671		SampType: MS		Units mg/L							Date Analyzed
SampID: 24071423-005BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		20	S	88	40.00	42.34	114.9	90	110	07/24/2024	

Batch R350671		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24071423-005BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate			20		84	40.00	42.34	104.4	88.28	4.83	07/24/2024	

Batch R350671		SampType: MS		Units mg/L							
SampID: 24071772-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200	S	824	400.0	377.6	111.7	90	110	07/24/2024	

Batch R350671		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24071772-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate			200	S	828	400.0	377.6	112.7	824.4	0.46	07/24/2024	

Batch R350878		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/26/2024	

Batch R350878		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	95.8	90	110	07/26/2024	

Batch R350878		SampType: MS		Units mg/L							
SampID: 24061962-016AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100		388	200.0	201.3	93.1	85	115	07/26/2024	



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Batch R350878		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-016AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			100		397	200.0	201.3	97.7	387.5	2.35	07/26/2024

Batch R350878		SampType: MS		Units mg/L							
SampID: 24061962-020AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20		85	40.00	45.95	98.8	85	115	07/26/2024	

Batch R350878		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-020AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			20		85	40.00	45.95	97.3	85.45	0.69	07/26/2024

Batch R350878		SampType: MS		Units mg/L							
SampID: 24061962-025AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100	S	269	200.0	102.7	83.3	85	115	07/26/2024	

Batch R350878		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24061962-025AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			100		275	200.0	102.7	85.9	269.4	1.93	07/26/2024

Batch R350878		SampType: MS		Units mg/L							
SampID: 24071773-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		1000		3460	2000	1608	92.4	85	115	07/26/2024	

Batch R350878		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071773-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			1000		3540	2000	1608	96.5	3455	2.39	07/26/2024

Batch R350878		SampType: MS		Units mg/L							
SampID: 24071895-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100		325	200.0	142.6	91.1	90	110	07/26/2024	



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Batch R350878		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071895-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			100	S	322	200.0	142.6	89.7	324.8	0.88	07/26/2024

Batch R350922		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate			10		< 10	6.140	0	0	-100	100	07/29/2024

Batch R350922		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	94.1	90	110	07/29/2024	

Batch R350922		SampType: MS		Units mg/L							
SampID: 24071132-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		20	S	75	40.00	43.29	79.1	85	115	07/29/2024	

Batch R350922		SampType: MSD	Units mg/L					RPD Limit 10			Date Analyzed
SampID: 24071132-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Sulfate			20		78	40.00	43.29	86.6	74.94	3.91	07/29/2024

Batch R350922		SampType: MS		Units mg/L							
SampID: 24071132-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		37	20.00	16.61	99.6	85	115	07/29/2024	

Batch R350922		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 24071132-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10		36	20.00	16.61	99.2	36.52	0.22	07/29/2024

Batch R350922		SampType: MS		Units mg/L							
SampID: 24071132-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		141	100.0	55.92	85.4	85	115	07/29/2024	



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Batch R350922		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24071132-010AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			50		145	100.0	55.92	89.2	141.4	2.59	07/29/2024

Batch R350922		SampType: MS		Units mg/L							
SampID: 24071132-013AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		20		75	40.00	36.86	95.0	85	115	07/29/2024	

Batch R350922		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24071132-013AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate			20		74	40.00	36.86	92.2	74.84	1.49		

Batch R350922		SampType: MS		Units mg/L							
SampID: 24072345-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200		720	400.0	327.6	98.1	90	110	07/29/2024	

Batch R350922		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24072345-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			200		718	400.0	327.6	97.7	720.0	0.22	07/29/2024

Batch R350922		SampType: MS		Units mg/L							
SampID: 24072346-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200		725	400.0	351.0	93.6	90	110	07/29/2024	

Batch R350922		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24072346-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			200	S	709	400.0	351.0	89.5	725.4	2.28	07/29/2024

Batch R350996		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/30/2024	



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Batch R350996		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	93.3	90	110	07/30/2024	

Batch R350996		SampType: MS		Units mg/L							
SampID: 24071292-001AMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Sulfate		10		34	20.00	16.11	91.2	85	115	07/30/2024	

Batch R350996		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 24071292-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			10		36	20.00	16.11	97.1	34.35	3.38	07/30/2024

Batch R350996		SampType: MS		Units mg/L							
SampID: 24072173-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		100		442	200.0	260.3	90.7	85	115	07/30/2024	

Batch R350996		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 24072173-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			100		452	200.0	260.3	95.7	441.8	2.24	07/30/2024

Batch R350996		SampType: MS		Units mg/L							
SampID: 24072173-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		169	100.0	78.49	90.7	85	115	07/30/2024	

Batch R350996		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24072173-006AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			50		172	100.0	78.49	93.8	169.2	1.83	07/30/2024

Batch R351041		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	07/31/2024	



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Batch R351041		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	95.2	90	110	07/31/2024	

Batch R351041		SampType: MS		Units mg/L							
SampID: 24072147-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		200		827	400.0	464.3	90.7	90	110	07/31/2024	

Batch R351041		SampType: MSD		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 24072147-003BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate			200		834	400.0	464.3	92.5	827.1	0.85	07/31/2024	

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Batch R350406		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	07/18/2024

Batch R350406		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		1.05	1.000	0	104.9	90	110	07/18/2024	

Batch R350406		SampType: MS		Units mg/L								
SampID: 24061962-032AMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Fluoride		0.10		6.19	2.000	4.189	100.1	75	125	07/18/2024		

Batch R350406		SampType: MSD		Units mg/L					RPD Limit 15			Date Analyzed
SampID: 24061962-032AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			0.10		6.22	2.000	4.189	101.6	6.191	0.50	07/18/2024	



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Batch R350406		SampType: MS		Units mg/L							
SampID: 24061962-046AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		3.74	2.000	1.649	104.3	75	125	07/18/2024	

Batch R350406		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-046AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		3.80	2.000	1.649	107.6	3.735	1.78	07/18/2024

Batch R350406		SampType: MS		Units mg/L							
SampID: 24071352-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.34	2.000	0.4090	96.8	75	125	07/18/2024	

Batch R350406		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071352-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.42	2.000	0.4090	100.8	2.345	3.31	07/18/2024

Batch R350406		SampType: MS		Units mg/L							
SampID: 24071438-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.90	2.000	0.7960	105.4	75	125	07/18/2024	

Batch R350406		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071438-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.92	2.000	0.7960	106.1	2.905	0.45	07/18/2024

Batch R350479		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	07/19/2024	

Batch R350479		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Fluoride		0.10		1.09	1.000	0	108.7	90	110	07/19/2024	



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Batch R350479		SampType: MS		Units mg/L							Date
SampID: 24061962-014AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		2.39	2.000	0.2300	108.0	75	125	07/19/2024	

Batch R350479		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-014AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.45	2.000	0.2300	111.2	2.391	2.56	07/19/2024

Batch R350479		SampType: MS		Units mg/L							Date
SampID: 24061962-024AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		5.45	2.000	3.126	116.0	75	125	07/19/2024	

Batch R350479		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-024AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		5.42	2.000	3.126	114.7	5.446	0.48	07/19/2024

Batch R350479		SampType: MS		Units mg/L							Date
SampID: 24061962-048AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		2.69	2.000	0.5340	107.7	75	125	07/19/2024	

Batch R350479		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-048AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.68	2.000	0.5340	107.1	2.688	0.45	07/19/2024

Batch R350479		SampType: MS		Units mg/L							Date
SampID: 24071605-008BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		2.38	2.000	0.2630	106.0	75	125	07/19/2024	

Batch R350479		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071605-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.13	2.000	0.2630	93.2	2.382	11.36	07/19/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9214 (TOTAL)

Batch R350534		SampType: MBLK		Units mg/L								Date Analyzed
SampID: MBLK												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	07/22/2024		

Batch R350534		SampType: LCS		Units mg/L								Date Analyzed
SampID: LCS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		1.06	1.000	0	106.1	90	110	07/22/2024		

Batch R350534		SampType: MS		Units mg/L								Date Analyzed
SampID: 24061962-031AMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		3.56	2.000	1.460	104.8	75	125	07/22/2024		

Batch R350534		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24061962-031AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		3.56	2.000	1.460	104.8	3.556	0.00	07/22/2024

Batch R350609		SampType: MBLK		Units mg/L								Date Analyzed
SampID: MBLK												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	07/23/2024		

Batch R350609		SampType: LCS		Units mg/L								Date Analyzed
SampID: LCS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		1.06	1.000	0	106.0	90	110	07/23/2024		

Batch R350609		SampType: MS		Units mg/L								Date Analyzed
SampID: 24071772-001AMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Fluoride		0.10		2.39	2.000	0.1960	109.7	75	125	07/23/2024		

Batch R350609		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24071772-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.28	2.000	0.1960	104.0	2.389	4.80	07/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9214 (TOTAL)

Batch R350609		SampType: MS		Units mg/L							
SampID: 24071773-003AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		2.22	2.000	0.1200	105.0	75	125	07/23/2024	

Batch R350609		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed	
SampID: 24071773-003AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			0.10		2.11	2.000	0.1200	99.6	2.219	4.99	07/23/2024	

Batch R350609		SampType: MS		Units mg/L							
SampID: 24071773-006BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.31	2.000	0.3530	97.8	75	125	07/23/2024	

Batch R350609		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071773-006BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.34	2.000	0.3530	99.2	2.310	1.20	07/23/2024

Batch R350762		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	07/25/2024

Batch R350762		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		1.08	1.000	0	107.5	90	110	07/25/2024	

Batch R350762		SampType: MS		Units mg/L							
SampID: 24071132-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.25	2.000	0.1980	102.6	75	125	07/25/2024	

Batch R350762		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.33	2.000	0.1980	106.5	2.251	3.36	07/25/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9214 (TOTAL)

Batch R350762		SampType: MS		Units mg/L						
SampID: 24071132-011AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		2.35	2.000	0.2160	106.8	75	125	07/25/2024

Batch R350762		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-011AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.31	2.000	0.2160	104.8	2.353	1.80	07/25/2024

Batch R350762		SampType: MS		Units mg/L							
SampID: 24071132-019AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.88	2.000	0.7420	107.2	75	125	07/25/2024	

Batch R350762		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-019AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.88	2.000	0.7420	106.7	2.885	0.31	07/25/2024

Batch R350762		SampType: MS		Units mg/L							
SampID: 24071292-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.11	2.000	0.06500	102.1	75	125	07/25/2024	

Batch R350762		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071292-006AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.16	2.000	0.06500	104.8	2.107	2.53	07/25/2024

Batch R350762		SampType: MS		Units mg/L							
SampID: 24071292-009AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.08	2.000	0	103.8	75	125	07/25/2024	

Batch R350762		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24071292-009AMSD											
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	2.076	1.58	07/25/2024	



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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9214 (TOTAL)

Batch R350762		SampType: MS		Units mg/L						
SampID: 24071895-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		2.88	2.000	0.7650	105.8	75	125	07/25/2024

Batch R350762		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071895-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		2.87	2.000	0.7650	105.3	2.882	0.38	07/25/2024	

SW-846 9251 (DISSOLVED)

Batch R350587		SampType: MS		Units mg/L						
SampID: 24061962-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		33	20.00	15.42	89.5	85	115	07/22/2024

Batch R350587		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24061962-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		33	20.00	15.42	90.3	33.32	0.48	07/22/2024

Batch R350587		SampType: MS		Units mg/L							
SampID: 24071438-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	1.170	95.6	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L		RPD Limit 15					
SampID: 24071438-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		20	20.00	1.170	94.6	20.28	0.99	07/22/2024

Batch R350677		SampType: MS		Units mg/L							
SampID: 24071605-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		21	20.00	1.310	98.2	85	115	07/24/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (DISSOLVED)

Batch R350677		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071605-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		21	20.00	1.310	97.7	20.95	0.48	07/24/2024

Batch R350677		SampType: MS		Units mg/L							
SampID: 24071605-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		23	20.00	3.270	97.3	85	115	07/24/2024	

Batch R350677		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 24071605-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloride			4		23	20.00	3.270	97.0	22.72	0.26	07/24/2024

Batch R350886		SampType: MS		Units mg/L							
SampID: 24061962-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		35	20.00	16.31	92.1	85	115	07/26/2024	

Batch R350886		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed	
SampID: 24061962-008BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride			4		35	20.00	16.31	92.0	34.73	0.03	07/26/2024	

Batch R350886		SampType: MS		Units mg/L							
SampID: 24071773-005BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40	E	525	200.0	333.7	95.8	85	115	07/26/2024	

Batch R350886		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071773-005BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			40	E	517	200.0	333.7	91.8	525.2	1.52	07/26/2024



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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R350587		SampType: MBLK		Units mg/L						
SampID: ICB/MBLK										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		< 4	0.5000	0	0	-100	100	07/22/2024

Batch R350587		SampType: LCS		Units mg/L							
SampID: ICB/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chloride		4		20	20.00	0	101.6	90	110	07/22/2024	

Batch R350587		SampType: MS		Units mg/L							
SampID: 24061962-009AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		38	20.00	20.03	88.4	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-009AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		38	20.00	20.03	89.3	37.70	0.50	07/22/2024

Batch R350587		SampType: MS		Units mg/L							
SampID: 24071247-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		40		297	200.0	115.3	90.6	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071247-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			40		295	200.0	115.3	89.9	296.6	0.48	07/22/2024

Batch R350587		SampType: MS		Units mg/L							
SampID: 24071384-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		20		152	100.0	57.80	94.0	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071384-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			20		152	100.0	57.80	93.9	151.8	0.03	07/22/2024



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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R350587		SampType: MS		Units mg/L							Date
SampID: 24071417-001CMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		20		181	100.0	91.31	90.1	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 24071417-001CMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Chloride		20		183	100.0	91.31	92.1	181.4	1.10	07/22/2024		

Batch R350587		SampType: MS		Units mg/L							Date
SampID: 24071423-001BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		20		174	100.0	86.08	87.6	85	115	07/22/2024	

Batch R350587		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 24071423-001BMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Chloride		20		174	100.0	86.08	88.1	173.7	0.32	07/22/2024		

Batch R350677		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		< 4	0.5000	0	0	-100	100	07/24/2024	

Batch R350677		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		19	20.00	0	96.7	90	110	07/24/2024	

Batch R350677		SampType: MS		Units mg/L							Date
SampID: 24071416-001BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		80		749	400.0	397.0	87.9	85	115	07/24/2024	

Batch R350677		SampType: MSD		Units mg/L							RPD Limit 15	Date
SampID: 24071416-001BMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Chloride		80		743	400.0	397.0	86.5	748.8	0.78	07/24/2024		



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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R350677		SampType: MS		Units mg/L						
SampID: 24071772-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		27	20.00	8.180	93.9	85	115	07/24/2024

Batch R350677		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071772-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		27	20.00	8.180	93.3	26.96	0.45	07/24/2024

Batch R350886		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride			4		< 4	0.5000	0	0	-100	100	07/26/2024

Batch R350886		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride			4		20	20.00	0	98.0	90	110	07/26/2024

Batch R350886		SampType: MS		Units mg/L							
SampID: 24061962-016AMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chloride		20	E	267	100.0	168.7	98.2	85	115	07/26/2024	

Batch R350886		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-016AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			20	E	261	100.0	168.7	92.6	266.9	2.12	07/26/2024

Batch R350886		SampType: MS		Units mg/L							
SampID: 24061962-020AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		49	20.00	30.94	91.8	85	115	07/26/2024	

Batch R350886		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-020AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		49	20.00	30.94	90.4	49.31	0.57	07/26/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R350886		SampType: MS		Units mg/L						
SampID: 24061962-025AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		275	200.0	85.74	94.6	85	115	07/26/2024

Batch R350886		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-025AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			40		275	200.0	85.74	94.6	275.0	0.04	07/26/2024

Batch R350942		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/29/2024	

Batch R350942		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	98.2	90	110	07/29/2024	

Batch R350942		SampType: MS		Units mg/L							
SampID: 24071132-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		33	20.00	14.64	91.7	85	115	07/29/2024	

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		33	20.00	14.64	90.4	32.97	0.79	07/29/2024

Batch R350942		SampType: MS		Units mg/L							
SampID: 24071132-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		37	20.00	19.34	90.2	85	115	07/29/2024	

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		37	20.00	19.34	88.4	37.39	0.97	07/29/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R350942		SampType: MS		Units mg/L						
SampID: 24071132-013AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		8	E	123	40.00	84.65	95.8	85	115	07/29/2024

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071132-013AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			8	E	121	40.00	84.65	91.7	123.0	1.34	07/29/2024

Batch R350942		SampType: MS		Units mg/L							
SampID: 24071773-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		80		668	400.0	315.5	88.1	85	115	07/29/2024	

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071773-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			80		676	400.0	315.5	90.0	667.9	1.16	07/29/2024

Batch R350942		SampType: MS		Units mg/L							
SampID: 24071875-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40		363	200.0	188.6	87.3	85	115	07/29/2024	

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071875-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			40		364	200.0	188.6	87.5	363.1	0.13	07/29/2024

Batch R350942		SampType: MS		Units mg/L							
SampID: 24072346-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		27	20.00	8.420	95.0	85	115	07/29/2024	

Batch R350942		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24072346-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		27	20.00	8.420	95.2	27.41	0.15	07/29/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R351030		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/30/2024	

Batch R351030		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride			4		20	20.00	0	97.8	90	110	07/30/2024

Batch R351030		SampType: MS		Units mg/L							
SampID: 24071132-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		22	20.00	2.870	97.0	85	115	07/30/2024	

Batch R351030		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24071132-010AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		22	20.00	2.870	96.5	22.27	0.50	07/30/2024

Batch R351030		SampType: MS		Units mg/L							
SampID: 24071292-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		36	20.00	18.52	88.0	85	115	07/30/2024	

Batch R351030		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 24071292-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			4		37	20.00	18.52	90.0	36.12	1.07	07/30/2024

Batch R351030		SampType: MS		Units mg/L							
SampID: 24072147-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		40	E	686	200.0	486.4	100.0	85	115	07/30/2024	

Batch R351030		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24072147-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			40	E	695	200.0	486.4	104.1	686.4	1.18	07/30/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 9251 (TOTAL)

Batch R351044		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	07/31/2024	

Batch R351044		SampType: MBLK		Units mg/Kg							
SampID: MBLK-240730-2											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chloride	*	40		< 40	0.5000	0	0	-100	100	07/31/2024	

Batch R351044		SampType: LCS		Units mg/L							
SampID: ICB/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Chloride		4		20	20.00	0	99.4	90	110	07/31/2024	

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

Batch 225880		SampType: MBLK		Units mg/L							
SampID: MBLK-225880											
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	07/19/2024	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/19/2024	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/19/2024	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/19/2024	

Batch 225880		SampType: LCS		Units mg/L							
SampID: LCS-225880											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Calcium		0.100		2.45	2.500	0	97.9	85	115	07/19/2024	
Magnesium		0.0500		2.36	2.500	0	94.3	85	115	07/24/2024	
Potassium		0.100		2.66	2.500	0	106.3	85	115	07/19/2024	
Sodium		0.0500		2.52	2.500	0	100.8	85	115	07/19/2024	

Batch 225880		SampType: MS		Units mg/L							
SampID: 24061962-009BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Calcium		0.100		65.4	2.500	62.25	124.4	75	125	07/19/2024	
Magnesium		0.0500		29.1	2.500	26.64	100.2	75	125	07/19/2024	
Potassium		0.100		3.09	2.500	0.5015	103.7	75	125	07/19/2024	
Sodium		0.0500		51.0	2.500	48.74	91.2	75	125	07/19/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225880		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 24061962-009BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		65.4	2.500	62.25	124.8	65.36	0.02	07/19/2024
Magnesium		0.0500		29.3	2.500	26.64	106.4	29.14	0.52	07/19/2024
Potassium		0.100		3.08	2.500	0.5015	103.1	3.093	0.43	07/19/2024
Sodium		0.0500		51.1	2.500	48.74	92.8	51.02	0.08	07/19/2024

Batch 225880		SampType: MS		Units mg/L						
SampID: 24061962-032BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		26.3	2.500	23.31	120.4	75	125	07/19/2024
Magnesium		1.00		18.1	2.500	15.66	99.5	75	125	07/24/2024
Potassium		0.100		7.10	2.500	4.429	106.7	75	125	07/19/2024
Sodium		1.00	S	679	2.500	668.6	400.0	75	125	07/24/2024

Batch 225880		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 24061962-032BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		25.3	2.500	23.31	78.4	26.32	4.07	07/19/2024
Magnesium		1.00		17.7	2.500	15.66	80.7	18.15	2.62	07/24/2024
Potassium		0.100		7.13	2.500	4.429	108.1	7.097	0.47	07/19/2024
Sodium		1.00	S	660	2.500	668.6	-344.0	678.6	2.78	07/24/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225932 SampType: MBLK Units mg/L

SampleID: MBLK-225932

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	07/22/2024
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/22/2024
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	07/22/2024
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	07/22/2024
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	07/22/2024
Lithium		0.0500		< 0.0500	0.0019	0	0	-100	100	07/22/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/22/2024
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	07/22/2024
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/22/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/22/2024
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	07/22/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/22/2024
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	07/22/2024

Batch 225932 SampType: LCS Units mg/L

SampleID: LCS-225932

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.43	2.500	0	97.3	85	115	07/22/2024
Chromium		0.0050		0.195	0.2000	0	97.7	85	115	07/22/2024
Cobalt		0.0050		0.515	0.5000	0	103.0	85	115	07/22/2024
Iron		0.0400		1.91	2.000	0	95.6	85	115	07/22/2024
Lead		0.0150		0.493	0.5000	0	98.5	85	115	07/22/2024
Lithium		0.0500		0.510	0.5000	0	102.0	85	115	07/22/2024
Magnesium		0.0500		2.39	2.500	0	95.6	85	115	07/22/2024
Manganese		0.0070		0.495	0.5000	0	99.0	85	115	07/22/2024
Molybdenum		0.0100		0.493	0.5000	0	98.7	85	115	07/22/2024
Potassium		0.100		2.69	2.500	0	107.7	85	115	07/22/2024
Selenium		0.0400		0.504	0.5000	0	100.8	85	115	07/22/2024
Sodium		0.0500		2.54	2.500	0	101.8	85	115	07/22/2024
Thallium		0.0500		0.245	0.2500	0	97.8	85	115	07/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225932 SampType: MS Units mg/L

SampleID: 24061962-026BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		60.5	2.500	57.78	108.4	75	125	07/22/2024
Magnesium		0.0500		41.5	2.500	38.79	107.7	75	125	07/22/2024
Potassium		0.100		6.46	2.500	3.723	109.3	75	125	07/22/2024
Sodium		0.0500	S	143	2.500	139.8	132.8	75	125	07/22/2024

Batch 225932 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24061962-026BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	59.6	2.500	57.78	71.6	60.49	1.53	07/22/2024
Magnesium		0.0500		40.7	2.500	38.79	76.2	41.48	1.92	07/22/2024
Potassium		0.100		6.34	2.500	3.723	104.7	6.456	1.81	07/22/2024
Sodium		0.0500	S	140	2.500	139.8	26.4	143.1	1.88	07/22/2024

Batch 225998 SampType: MBLK Units mg/L

SampleID: MBLK-225998

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	07/23/2024
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	07/23/2024
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/23/2024
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/23/2024
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/23/2024
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	07/23/2024
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	07/23/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/23/2024
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/23/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/23/2024
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	07/23/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/23/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225998 SampType: LCS Units mg/L

SampleID: LCS-225998

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		1.96	2.000	0	98.1	85	115	07/23/2024
Beryllium		0.0005		0.0485	0.0500	0	97.0	85	115	07/23/2024
Cadmium		0.0020		0.0485	0.0500	0	97.0	85	115	07/23/2024
Calcium		0.100		2.40	2.500	0	95.9	85	115	07/23/2024
Chromium		0.0050		0.195	0.2000	0	97.7	85	115	07/23/2024
Cobalt		0.0050		0.499	0.5000	0	99.8	85	115	07/23/2024
Lead		0.0150		0.479	0.5000	0	95.8	85	115	07/23/2024
Magnesium		0.0500		2.40	2.500	0	96.2	85	115	07/23/2024
Molybdenum		0.0100		0.480	0.5000	0	96.0	85	115	07/23/2024
Potassium		0.100		2.63	2.500	0	105.1	85	115	07/23/2024
Selenium		0.0400		0.502	0.5000	0	100.3	85	115	07/23/2024
Sodium		0.0500		2.41	2.500	0	96.3	85	115	07/23/2024

Batch 225998 SampType: MS Units mg/L

SampleID: 24071547-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		2.12	2.000	0.1937	96.3	75	125	07/23/2024
Beryllium		0.0005		0.0491	0.0500	0	98.2	75	125	07/23/2024
Calcium		0.100		84.4	2.500	81.48	117.6	75	125	07/23/2024
Chromium		0.0050		0.201	0.2000	0.003300	98.9	75	125	07/23/2024
Lead		0.0150		0.487	0.5000	0	97.3	75	125	07/23/2024
Magnesium		0.0500		33.8	2.500	31.38	96.8	75	125	07/23/2024
Molybdenum		0.0100		0.499	0.5000	0.008000	98.2	75	125	07/23/2024

Batch 225998 SampType: MSD Units mg/L

SampleID: 24071547-002AMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0025		2.07	2.000	0.1937	93.8	2.120	2.39	07/23/2024
Beryllium		0.0005		0.0481	0.0500	0	96.2	0.04910	2.06	07/23/2024
Calcium		0.100	S	81.3	2.500	81.48	-6.0	84.42	3.73	07/23/2024
Chromium		0.0050		0.198	0.2000	0.003300	97.2	0.2011	1.71	07/23/2024
Lead		0.0150		0.471	0.5000	0	94.1	0.4867	3.36	07/23/2024
Magnesium		0.0500	S	32.7	2.500	31.38	54.5	33.80	3.18	07/23/2024
Molybdenum		0.0100		0.490	0.5000	0.008000	96.4	0.4992	1.90	07/23/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226025 SampType: MBLK Units mg/L

SampID: MBLK-226025

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	07/23/2024
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	07/23/2024
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	07/23/2024
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/23/2024
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/23/2024
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/23/2024
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	07/23/2024
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	07/23/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/23/2024
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	07/23/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/23/2024
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	07/23/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/23/2024

Batch 226025 SampType: LCS Units mg/L

SampID: LCS-226025

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		1.94	2.000	0	97.2	85	115	07/23/2024
Beryllium		0.0005		0.0485	0.0500	0	97.0	85	115	07/23/2024
Boron		0.0200		0.472	0.5000	0	94.4	85	115	07/23/2024
Cadmium		0.0020		0.0482	0.0500	0	96.4	85	115	07/23/2024
Calcium		0.100		2.38	2.500	0	95.1	85	115	07/23/2024
Chromium		0.0050		0.194	0.2000	0	97.2	85	115	07/23/2024
Cobalt		0.0050		0.501	0.5000	0	100.1	85	115	07/23/2024
Lead		0.0150		0.485	0.5000	0	97.0	85	115	07/23/2024
Magnesium		0.0500		2.40	2.500	0	95.9	85	115	07/23/2024
Molybdenum		0.0100		0.480	0.5000	0	95.9	85	115	07/23/2024
Potassium		0.100		2.59	2.500	0	103.6	85	115	07/23/2024
Selenium		0.0400		0.496	0.5000	0	99.3	85	115	07/23/2024
Sodium		0.0500		2.38	2.500	0	95.4	85	115	07/23/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226025		SampType: MS		Units mg/L						
SampID: 24061962-044BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	84.7	2.500	83.92	32.8	75	125	07/23/2024
Magnesium		0.0500		22.8	2.500	20.82	78.9	75	125	07/23/2024
Potassium		1.00		26.5	2.500	24.44	82.4	75	125	07/25/2024
Sodium		0.0500	S	48.0	2.500	46.87	45.6	75	125	07/23/2024

Batch 226025		SampType: MSD		Units mg/L					RPD Limit 20		Date Analyzed
SampID: 24061962-044BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Calcium			0.100	S	84.0	2.500	83.92	5.2	84.74	0.82	
Magnesium			0.0500	S	22.6	2.500	20.82	70.3	22.80	0.95	
Potassium			1.00		26.9	2.500	24.44	99.2	26.50	1.57	
Sodium			0.0500	S	47.8	2.500	46.87	37.6	48.01	0.42	

Batch 226068		SampType: MBLK		Units mg/L							
SampID: MBLK-226068											
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	07/24/2024	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/26/2024	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/24/2024	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/26/2024	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/24/2024	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/26/2024	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/24/2024	

Batch 226068		SampType: LCS		Units mg/L						
SampID: LCS-226068										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.38	2.500	0	95.4	85	115	07/24/2024
Calcium		0.100		2.50	2.500	0	99.8	85	115	07/26/2024
Magnesium		0.0500		2.31	2.500	0	92.3	85	115	07/24/2024
Potassium		0.100		2.74	2.500	0	109.7	85	115	07/24/2024
Potassium		0.100		2.69	2.500	0	107.5	85	115	07/26/2024
Sodium		0.0500		2.52	2.500	0	100.8	85	115	07/24/2024
Sodium		0.0500		2.71	2.500	0	108.5	85	115	07/26/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226068		SampType: MS		Units mg/L						
SampID: 24061962-015CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	174	2.500	170.3	155.6	75	125	07/25/2024
Magnesium		0.0500		70.6	2.500	67.62	119.7	75	125	07/25/2024
Potassium		0.100		8.12	2.500	5.300	112.8	75	125	07/25/2024
Sodium		0.0500	S	91.5	2.500	87.62	154.4	75	125	07/25/2024

Batch 226068		SampType: MSD		Units mg/L						RPD Limit 20	
SampID: 24061962-015CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100	S	171	2.500	170.3	37.2	174.2	1.71	07/25/2024	
Magnesium		0.0500		69.7	2.500	67.62	81.8	70.61	1.35	07/25/2024	
Potassium		0.100		7.96	2.500	5.300	106.3	8.120	2.02	07/25/2024	
Sodium		0.0500		90.0	2.500	87.62	96.0	91.48	1.61	07/25/2024	

Batch 226078		SampType: MBLK		Units mg/L						
SampID: MBLK-226078										
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	07/24/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/24/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/24/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/24/2024

Batch 226078		SampType: LCS		Units mg/L						
SampID: LCS-226078										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.41	2.500	0	96.6	85	115	07/24/2024
Magnesium		0.0500		2.36	2.500	0	94.6	85	115	07/24/2024
Potassium		0.100		2.67	2.500	0	106.7	85	115	07/24/2024
Sodium		0.0500		2.48	2.500	0	99.2	85	115	07/24/2024

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

Batch 225931		SampType: MBLK		Units mg/L							
SampID: MBLK-225931											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/19/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225931		SampType: LCS		Units mg/L						
SampID: LCS-225931										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.461	0.5000	0	92.3	80	120	07/19/2024

Batch 225931		SampType: MS		Units mg/L						
SampID: 24061962-002DMS										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Boron		0.0250		0.660	0.5000	0.1840	95.2	75	125	
										07/19/2024

Batch 225931		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 24061962-002DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Boron		0.0250		0.630	0.5000	0.1840	89.2	0.6602	4.65	07/19/2024	

Batch 225949		SampType: MBLK		Units mg/L							
SampID: MBLK-225949											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/22/2024	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/23/2024	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/22/2024	

Batch 225949		SampType: LCS		Units mg/L						
SampID: LCS-225949										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.414	0.5000	0	82.9	80	120	07/22/2024
Iron		0.0250		1.98	2.000	0	98.9	80	120	07/23/2024
Manganese		0.0020		0.422	0.5000	0	84.5	80	120	07/22/2024

Batch 225949		SampType: MS		Units mg/L							
SampID: 24061962-006DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0250		0.483	0.5000	0.03567	89.4	75	125	07/22/2024	

Batch 225949		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 24061962-006DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron			0.0250		0.472	0.5000	0.03567	87.3	0.4826	2.17	07/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225989		SampType: MBLK		Units mg/L						
SampID: MBLK-225989										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/23/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/23/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/23/2024

Batch 225989		SampType: LCS		Units mg/L						
SampID: LCS-225989										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.478	0.5000	0	95.5	80	120	07/23/2024
Iron		0.0250		2.13	2.000	0	106.6	80	120	07/23/2024
Manganese		0.0020		0.479	0.5000	0	95.9	80	120	07/23/2024

Batch 225989		SampType: MS		Units mg/L							Date Analyzed
SampID: 24061962-013CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Iron		0.0250		2.02	2.000	0.01413	100.2	75	125	07/23/2024	
Manganese		0.0020		0.483	0.5000	0.04146	88.3	75	125	07/23/2024	

Batch 225989		SampType: MSD		Units mg/L						RPD Limit 20	
SampID: 24061962-013CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			0.0250		2.05	2.000	0.01413	101.9	2.017	1.73	07/23/2024
Manganese			0.0020		0.487	0.5000	0.04146	89.1	0.4828	0.80	07/23/2024

Batch 226024		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-226024											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/23/2024	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/23/2024	

Batch 226024		SampType: LCS		Units mg/L						
SampID: LCS-226024										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		2.12	2.000	0	106.2	80	120	07/23/2024
Manganese		0.0020		0.471	0.5000	0	94.1	80	120	07/23/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226024		SampType: MS		Units mg/L						
SampID: 24061962-049CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		2.00	2.000	0	99.9	75	125	07/23/2024
Manganese		0.0020		0.488	0.5000	0.01949	93.8	75	125	07/23/2024

Batch 226024		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 24061962-049CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Iron		0.0250		2.04	2.000	0	102.1	1.998	2.11	07/23/2024	
Manganese		0.0020		0.480	0.5000	0.01949	92.2	0.4883	1.62	07/23/2024	

Batch 226086		SampType: MBLK		Units mg/L						
SampID: MBLK-226086										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/26/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/25/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/25/2024

Batch 226086		SampType: LCS		Units mg/L						
SampID: LCS-226086										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.438	0.5000	0	87.5	80	120	07/26/2024
Iron		0.0250		1.87	2.000	0	93.7	80	120	07/26/2024
Manganese		0.0020		0.505	0.5000	0	101.1	80	120	07/25/2024

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

Batch 225814		SampType: MBLK		Units mg/L							Date Analyzed	
SampID: MBLK-225814												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/24/2024		
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/24/2024		
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/24/2024		
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024		
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/24/2024		



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225814		SampType: LCS		Units mg/L						
SampID: LCS-225814										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.537	0.5000	0	107.4	85	115	07/24/2024
Iron	*	0.0250		2.15	2.000	0	107.3	85	115	07/24/2024
Manganese		0.0020		0.501	0.5000	0	100.1	85	115	07/24/2024
Selenium		0.0010		0.524	0.5000	0	104.8	85	115	07/24/2024
Thallium		0.0020		0.230	0.2500	0	91.9	85	115	07/24/2024

Batch 225814		SampType: MS		Units mg/L						
SampID: 24061962-007CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		2.83	2.000	0.7992	101.4	75	125	07/24/2024
Manganese		0.0020		0.534	0.5000	0.02682	101.4	75	125	07/24/2024

Batch 225814		SampType: MSD	Units mg/L					RPD Limit 20		
SampID: 24061962-007CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		2.81	2.000	0.7992	100.8	2.827	0.44	07/24/2024
Manganese		0.0020		0.537	0.5000	0.02682	102.1	0.5339	0.63	07/24/2024

Batch 225814		SampType: MS		Units mg/L							
SampID: 24071772-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.521	0.5000	0.001289	103.9	70	130	07/24/2024	
Selenium		0.0010		0.479	0.5000	0	95.9	70	130	07/24/2024	
Thallium		0.0020		0.240	0.2500	0	96.0	70	130	07/24/2024	

Batch 225814		SampType: MSD		Units mg/L					RPD Limit 20		Date Analyzed
SampID: 24071772-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		0.0010		0.526	0.5000	0.001289	105.0	0.5207	1.02	07/24/2024	
Selenium		0.0010		0.503	0.5000	0	100.6	0.4793	4.87	07/24/2024	
Thallium		0.0020		0.210	0.2500	0	83.9	0.2401	13.49	07/24/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225880 SampType: MBLK Units mg/L

SampID: MBLK-225880

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/22/2024
Antimony		0.0010	S	0.0012	0.0004	0	262.0	-100	100	07/19/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/19/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/22/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/19/2024
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/19/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/19/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/19/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/19/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/19/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/19/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/19/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/19/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/19/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/19/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/19/2024

Batch 225880 SampType: LCS Units mg/L

SampID: LCS-225880

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	0.537	0.5000	0	107.4	80	120	07/19/2024
Arsenic		0.0010		0.488	0.5000	0	97.5	80	120	07/19/2024
Barium		0.0010		1.92	2.000	0	96.0	80	120	07/22/2024
Beryllium		0.0010		0.0464	0.0500	0	92.8	80	120	07/19/2024
Boron		0.0250		0.424	0.5000	0	84.9	80	120	07/19/2024
Cadmium	*	0.0010		0.0484	0.0500	0	96.8	80	120	07/19/2024
Chromium		0.0015		0.195	0.2000	0	97.5	80	120	07/19/2024
Cobalt		0.0010		0.474	0.5000	0	94.7	80	120	07/19/2024
Iron		0.0250		1.97	2.000	0	98.5	80	120	07/19/2024
Lead		0.0010		0.478	0.5000	0	95.6	80	120	07/19/2024
Lithium	*	0.0030		0.469	0.5000	0	93.8	80	120	07/19/2024
Manganese		0.0020		0.478	0.5000	0	95.7	80	120	07/19/2024
Molybdenum		0.0015		0.445	0.5000	0	89.0	80	120	07/19/2024
Selenium		0.0010		0.505	0.5000	0	101.0	80	120	07/19/2024
Thallium		0.0020		0.220	0.2500	0	88.0	80	120	07/19/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225880 SampType: MS Units mg/L

SampleID: 24061962-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	0.591	0.5000	0	118.3	75	125	07/19/2024
Arsenic		0.0010		0.542	0.5000	0.0005082	108.2	75	125	07/19/2024
Barium		0.0010		1.89	2.000	0.08327	90.2	75	125	07/22/2024
Beryllium		0.0010		0.0520	0.0500	0	104.0	75	125	07/19/2024
Boron		0.0250		0.534	0.5000	0.02486	101.9	75	125	07/19/2024
Cadmium	*	0.0010		0.0531	0.0500	0	106.2	75	125	07/19/2024
Chromium		0.0015		0.212	0.2000	0.001081	105.3	75	125	07/19/2024
Cobalt		0.0010		0.514	0.5000	0.0006623	102.7	75	125	07/19/2024
Lead		0.0010		0.548	0.5000	0	109.5	75	125	07/19/2024
Lithium	*	0.0030		0.525	0.5000	0.003745	104.3	75	125	07/19/2024
Molybdenum		0.0015		0.436	0.5000	0.001298	87.0	75	125	07/22/2024
Selenium		0.0010		0.556	0.5000	0	111.2	75	125	07/19/2024
Thallium		0.0020		0.247	0.2500	0	98.9	75	125	07/19/2024

Batch 225880 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24061962-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010	B	0.581	0.5000	0	116.3	0.5914	1.70	07/19/2024
Arsenic		0.0010		0.532	0.5000	0.0005082	106.4	0.5416	1.75	07/19/2024
Barium		0.0010		1.96	2.000	0.08327	94.1	1.886	4.08	07/22/2024
Beryllium		0.0010		0.0518	0.0500	0	103.7	0.05202	0.36	07/19/2024
Boron		0.0250		0.528	0.5000	0.02486	100.6	0.5343	1.22	07/19/2024
Cadmium	*	0.0010		0.0516	0.0500	0	103.2	0.05308	2.87	07/19/2024
Chromium		0.0015		0.222	0.2000	0.001081	110.5	0.2117	4.76	07/19/2024
Cobalt		0.0010		0.505	0.5000	0.0006623	100.9	0.5141	1.77	07/19/2024
Lead		0.0010		0.542	0.5000	0	108.3	0.5475	1.08	07/19/2024
Lithium	*	0.0030		0.520	0.5000	0.003745	103.3	0.5250	0.90	07/19/2024
Molybdenum		0.0015		0.427	0.5000	0.001298	85.1	0.4365	2.27	07/22/2024
Selenium		0.0010		0.551	0.5000	0	110.2	0.5560	0.92	07/19/2024
Thallium		0.0020		0.247	0.2500	0	98.7	0.2472	0.17	07/19/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225880 SampType: MS Units mg/L

SampleID: 24061962-032BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	0.556	0.5000	0	111.1	75	125	07/19/2024
Arsenic		0.0010		0.498	0.5000	0	99.6	75	125	07/19/2024
Barium		0.0010		1.98	2.000	0.03651	97.0	75	125	07/22/2024
Beryllium		0.0010		0.0502	0.0500	0	100.4	75	125	07/19/2024
Boron		0.0250		2.35	0.5000	1.835	102.7	75	125	07/19/2024
Cadmium	*	0.0010		0.0486	0.0500	0	97.3	75	125	07/19/2024
Chromium		0.0015		0.197	0.2000	0	98.5	75	125	07/19/2024
Cobalt		0.0010		0.480	0.5000	0	95.9	75	125	07/19/2024
Lead		0.0010		0.517	0.5000	0	103.5	75	125	07/19/2024
Lithium	*	0.0030		0.591	0.5000	0.07795	102.6	75	125	07/19/2024
Molybdenum		0.0015		0.474	0.5000	0	94.8	75	125	07/19/2024
Selenium		0.0010		0.502	0.5000	0	100.5	75	125	07/19/2024
Thallium		0.0020		0.226	0.2500	0	90.6	75	125	07/19/2024

Batch 225880 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24061962-032BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010	B	0.530	0.5000	0	105.9	0.5557	4.80	07/19/2024
Arsenic		0.0010		0.492	0.5000	0	98.4	0.4979	1.19	07/19/2024
Barium		0.0010		1.93	2.000	0.03651	94.7	1.976	2.36	07/22/2024
Beryllium		0.0010		0.0494	0.0500	0	98.9	0.05022	1.56	07/19/2024
Boron		0.0250		2.28	0.5000	1.835	89.4	2.349	2.88	07/19/2024
Cadmium	*	0.0010		0.0459	0.0500	0	91.7	0.04864	5.90	07/19/2024
Chromium		0.0015		0.186	0.2000	0	92.9	0.1969	5.77	07/19/2024
Cobalt		0.0010		0.461	0.5000	0	92.1	0.4796	4.02	07/19/2024
Lead		0.0010		0.500	0.5000	0	99.9	0.5173	3.50	07/19/2024
Lithium	*	0.0030		0.578	0.5000	0.07795	99.9	0.5910	2.31	07/19/2024
Molybdenum		0.0015		0.469	0.5000	0	93.9	0.4741	1.00	07/19/2024
Selenium		0.0010		0.493	0.5000	0	98.5	0.5024	1.96	07/19/2024
Thallium		0.0020		0.225	0.2500	0	90.0	0.2264	0.63	07/19/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225932 SampType: MBLK Units mg/L

SampID: MBLK-225932

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/22/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/22/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/22/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/22/2024
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/22/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/22/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/22/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/23/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/23/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/22/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/22/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/22/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/22/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/22/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/22/2024

Batch 225932 SampType: LCS Units mg/L

SampID: LCS-225932

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.495	0.5000	0	99.0	80	120	07/22/2024
Arsenic		0.0010		0.468	0.5000	0	93.7	80	120	07/22/2024
Barium		0.0010		1.96	2.000	0	97.9	80	120	07/22/2024
Beryllium		0.0010		0.0488	0.0500	0	97.5	80	120	07/22/2024
Boron		0.0250		0.463	0.5000	0	92.7	80	120	07/22/2024
Cadmium	*	0.0010		0.0471	0.0500	0	94.3	80	120	07/22/2024
Chromium		0.0015		0.193	0.2000	0	96.7	80	120	07/22/2024
Cobalt		0.0010		0.491	0.5000	0	98.3	80	120	07/23/2024
Iron		0.0250		2.13	2.000	0	106.6	80	120	07/23/2024
Lead		0.0010		0.475	0.5000	0	95.0	80	120	07/22/2024
Lithium	*	0.0030		0.529	0.5000	0	105.7	80	120	07/23/2024
Manganese		0.0020		0.484	0.5000	0	96.9	80	120	07/22/2024
Molybdenum		0.0015		0.442	0.5000	0	88.3	80	120	07/22/2024
Selenium		0.0010		0.493	0.5000	0	98.5	80	120	07/22/2024
Thallium		0.0020		0.223	0.2500	0	89.4	80	120	07/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225932 SampType: MS Units mg/L

SampleID: 24061962-026BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.497	0.5000	0	99.4	75	125	07/23/2024
Arsenic		0.0010		0.461	0.5000	0	92.2	75	125	07/23/2024
Barium		0.0010		2.00	2.000	0.05742	97.3	75	125	07/23/2024
Beryllium		0.0010		0.0481	0.0500	0	96.2	75	125	07/23/2024
Boron		0.0250		2.17	0.5000	1.625	108.9	75	125	07/23/2024
Cadmium	*	0.0010		0.0460	0.0500	0	92.0	75	125	07/23/2024
Chromium		0.0015		0.177	0.2000	0	88.4	75	125	07/23/2024
Cobalt		0.0010		0.482	0.5000	0	96.4	75	125	07/23/2024
Lead		0.0010		0.466	0.5000	0	93.2	75	125	07/23/2024
Lithium	*	0.0030		0.581	0.5000	0.06300	103.6	75	125	07/23/2024
Molybdenum		0.0015		0.466	0.5000	0	93.2	75	125	07/23/2024
Selenium		0.0010		0.487	0.5000	0	97.3	75	125	07/23/2024
Thallium		0.0020		0.239	0.2500	0	95.7	75	125	07/23/2024

Batch 225932 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24061962-026BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.481	0.5000	0	96.3	0.4971	3.23	07/23/2024
Arsenic		0.0010		0.464	0.5000	0	92.9	0.4608	0.79	07/23/2024
Barium		0.0010		1.94	2.000	0.05742	94.0	2.004	3.41	07/23/2024
Beryllium		0.0010		0.0465	0.0500	0	93.0	0.04809	3.33	07/23/2024
Boron		0.0250		2.10	0.5000	1.625	94.4	2.169	3.40	07/23/2024
Cadmium	*	0.0010		0.0443	0.0500	0	88.7	0.04599	3.63	07/23/2024
Chromium		0.0015		0.178	0.2000	0	88.9	0.1767	0.59	07/23/2024
Cobalt		0.0010		0.494	0.5000	0	98.7	0.4818	2.44	07/23/2024
Lead		0.0010		0.469	0.5000	0	93.8	0.4662	0.59	07/23/2024
Lithium	*	0.0030		0.563	0.5000	0.06300	100.0	0.5810	3.13	07/23/2024
Molybdenum		0.0015		0.443	0.5000	0	88.7	0.4660	4.97	07/23/2024
Selenium		0.0010		0.483	0.5000	0	96.5	0.4867	0.84	07/23/2024
Thallium		0.0020		0.229	0.2500	0	91.6	0.2392	4.39	07/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225998		SampType: MBLK		Units mg/L							
SampID: MBLK-225998											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/23/2024	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/23/2024	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/23/2024	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/23/2024	
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	07/23/2024	
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/23/2024	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/23/2024	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/23/2024	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/23/2024	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/23/2024	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/23/2024	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/23/2024	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/23/2024	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/23/2024	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/23/2024	

Batch 225998		SampType: LCS		Units mg/L							
SampID: LCS-225998											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.527	0.5000	0	105.4	85	115	07/23/2024	
Arsenic		0.0010		0.522	0.5000	0	104.4	85	115	07/23/2024	
Barium		0.0010		2.07	2.000	0	103.5	85	115	07/23/2024	
Beryllium		0.0010		0.0477	0.0500	0	95.3	85	115	07/23/2024	
Boron	*	0.0250		0.459	0.5000	0	91.7	85	115	07/23/2024	
Cadmium	*	0.0010		0.0498	0.0500	0	99.7	85	115	07/23/2024	
Chromium		0.0015		0.211	0.2000	0	105.7	85	115	07/23/2024	
Cobalt		0.0010		0.495	0.5000	0	99.1	85	115	07/23/2024	
Iron	*	0.0250		2.22	2.000	0	111.1	85	115	07/23/2024	
Lead		0.0010		0.477	0.5000	0	95.5	85	115	07/23/2024	
Lithium	*	0.0030		0.477	0.5000	0	95.5	85	115	07/23/2024	
Manganese		0.0020		0.510	0.5000	0	102.0	85	115	07/23/2024	
Molybdenum		0.0015		0.447	0.5000	0	89.3	85	115	07/23/2024	
Selenium		0.0010		0.512	0.5000	0	102.4	85	115	07/23/2024	
Thallium		0.0020		0.246	0.2500	0	98.3	85	115	07/23/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 225998 SampType: MS Units mg/L

SampID: 24071547-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium	*	0.0010		0.0507	0.0500	0.0002640	100.8	70	130	07/23/2024
Selenium		0.0010		0.510	0.5000	0.002438	101.5	70	130	07/23/2024

Batch 225998 SampType: MSD Units mg/L

RPD Limit 20

SampID: 24071547-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cadmium	*	0.0010		0.0488	0.0500	0.0002640	97.1	0.05068	3.74	07/23/2024
Selenium		0.0010		0.497	0.5000	0.002438	99.0	0.5099	2.53	07/23/2024

Batch 225998 SampType: MS Units mg/L

SampID: 24071644-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Thallium		0.0020		0.242	0.2500	0	96.7	70	130	07/24/2024

Batch 225998 SampType: MSD Units mg/L

RPD Limit 20

SampID: 24071644-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Thallium		0.0020		0.236	0.2500	0	94.4	0.2416	2.41	07/24/2024

Batch 226025 SampType: MBLK Units mg/L

SampID: MBLK-226025

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	0.0012	0.0004	0	261.6	-100	100	07/24/2024
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/25/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/24/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/24/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/24/2024
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/24/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/24/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/24/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/24/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/24/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226025		SampType: LCS		Units mg/L						
SampID: LCS-226025										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	B	0.548	0.5000	0	109.5	80	120	07/24/2024
Arsenic		0.0010		0.501	0.5000	0	100.1	80	120	07/24/2024
Barium		0.0010		2.09	2.000	0	104.7	80	120	07/24/2024
Beryllium		0.0010		0.0495	0.0500	0	99.0	80	120	07/24/2024
Boron		0.0250		0.497	0.5000	0	99.4	80	120	07/24/2024
Cadmium	*	0.0010		0.0513	0.0500	0	102.6	80	120	07/24/2024
Chromium		0.0015		0.207	0.2000	0	103.6	80	120	07/24/2024
Cobalt		0.0010		0.492	0.5000	0	98.3	80	120	07/24/2024
Lead		0.0010		0.515	0.5000	0	103.0	80	120	07/24/2024
Lithium	*	0.0030		0.524	0.5000	0	104.9	80	120	07/24/2024
Molybdenum		0.0015		0.449	0.5000	0	89.8	80	120	07/24/2024
Selenium		0.0010		0.521	0.5000	0	104.3	80	120	07/24/2024
Thallium		0.0020		0.222	0.2500	0	88.9	80	120	07/24/2024

Batch 226025		SampType: MS		Units mg/L							
SampID: 24061962-044BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010	B	0.549	0.5000	0.0004561	109.8	75	125	07/24/2024	
Arsenic		0.0010		0.512	0.5000	0.004724	101.4	75	125	07/24/2024	
Barium		0.0010		2.21	2.000	0.2377	98.6	75	125	07/24/2024	
Beryllium		0.0010		0.0508	0.0500	0	101.5	75	125	07/24/2024	
Cadmium	*	0.0010		0.0503	0.0500	0	100.7	75	125	07/24/2024	
Chromium		0.0015		0.206	0.2000	0	103.2	75	125	07/24/2024	
Cobalt		0.0010		0.493	0.5000	0.0005248	98.4	75	125	07/24/2024	
Lead		0.0010		0.495	0.5000	0	99.0	75	125	07/24/2024	
Lithium	*	0.0030		0.535	0.5000	0.01302	104.3	75	125	07/24/2024	
Molybdenum		0.0015		0.512	0.5000	0.08787	84.7	75	125	07/24/2024	
Selenium		0.0010		0.500	0.5000	0.001211	99.8	75	125	07/24/2024	
Thallium		0.0020		0.240	0.2500	0	96.1	75	125	07/24/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226025		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 24061962-044BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		0.0010	B	0.551	0.5000	0.0004561	110.1	0.5493	0.28	07/24/2024	
Arsenic		0.0010		0.518	0.5000	0.004724	102.6	0.5118	1.18	07/24/2024	
Barium		0.0010		2.22	2.000	0.2377	99.2	2.209	0.56	07/24/2024	
Beryllium		0.0010		0.0494	0.0500	0	98.8	0.05076	2.72	07/24/2024	
Cadmium	*	0.0010		0.0523	0.0500	0	104.7	0.05034	3.89	07/24/2024	
Chromium		0.0015		0.212	0.2000	0	106.2	0.2063	2.92	07/24/2024	
Cobalt		0.0010		0.507	0.5000	0.0005248	101.2	0.4925	2.85	07/24/2024	
Lead		0.0010		0.473	0.5000	0	94.7	0.4948	4.41	07/24/2024	
Lithium	*	0.0030		0.528	0.5000	0.01302	103.0	0.5346	1.22	07/24/2024	
Molybdenum		0.0015		0.526	0.5000	0.08787	87.6	0.5116	2.80	07/24/2024	
Selenium		0.0010		0.510	0.5000	0.001211	101.7	0.5000	1.92	07/24/2024	
Thallium		0.0020		0.243	0.2500	0	97.1	0.2403	1.03	07/24/2024	

Batch 226025		SampType: MS		Units mg/L							Date Analyzed
SampID: 24071773-006DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.562	0.5000	0.0007643	112.2	75	125		
Arsenic		0.0010		0.586	0.5000	0.03279	110.6	75	125		
Lithium	*	0.0030		0.583	0.5000	0.08986	98.5	75	125		
Thallium		0.0020		0.245	0.2500	0	98.2	75	125		

Batch	226025	SampType:	MSD	Units mg/L					RPD Limit 20		
SampID: 24071773-006DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony			0.0010		0.572	0.5000	0.0007643	114.3	0.5616	1.88	07/25/2024
Arsenic			0.0010		0.624	0.5000	0.03279	118.3	0.5860	6.29	07/24/2024
Lithium	*		0.0030		0.591	0.5000	0.08986	100.2	0.5826	1.43	07/24/2024
Thallium			0.0020		0.243	0.2500	0	97.1	0.2454	1.12	07/24/2024



Quality Control Results

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Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226068 SampType: MBLK Units mg/L

SampleID: MBLK-226068

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	0.0011	0.0004	0	236.9	-100	100	07/25/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/24/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/24/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/24/2024
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	07/26/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/25/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/25/2024
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/25/2024
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/24/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/26/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/24/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/25/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/24/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/25/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/24/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/26/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226068		SampType: LCS		Units mg/L							
SampID: LCS-226068											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010	BS	0.579	0.5000	0	115.8	85	115	07/25/2024	
Arsenic		0.0010		0.524	0.5000	0	104.9	85	115	07/25/2024	
Barium		0.0010		2.21	2.000	0	110.7	85	115	07/25/2024	
Beryllium		0.0010		0.0533	0.0500	0	106.7	85	115	07/25/2024	
Boron	*	0.0250		0.531	0.5000	0	106.3	85	115	07/26/2024	
Cadmium	*	0.0010		0.0534	0.0500	0	106.9	85	115	07/25/2024	
Chromium		0.0015		0.217	0.2000	0	108.5	85	115	07/25/2024	
Cobalt		0.0010		0.519	0.5000	0	103.7	85	115	07/25/2024	
Iron	*	0.0250		1.90	2.000	0	95.0	85	115	07/26/2024	
Lead		0.0010	E	0.517	0.5000	0	103.5	85	115	07/25/2024	
Lithium	*	0.0030		0.531	0.5000	0	106.2	85	115	07/29/2024	
Manganese		0.0020		0.531	0.5000	0	106.2	85	115	07/25/2024	
Molybdenum		0.0015		0.472	0.5000	0	94.3	85	115	07/25/2024	
Selenium		0.0010		0.535	0.5000	0	107.0	85	115	07/25/2024	
Thallium		0.0020		0.244	0.2500	0	97.8	85	115	07/26/2024	

Batch 226068		SampType: MS		Units mg/L							Date Analyzed
SampID: 24061962-015CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010	B	0.586	0.5000	0.0006849	117.1	75	125	07/25/2024	
Arsenic		0.0010		0.551	0.5000	0.001167	110.0	75	125	07/25/2024	
Barium		0.0010		2.34	2.000	0.1113	111.6	75	125	07/25/2024	
Beryllium		0.0010		0.0539	0.0500	0	107.7	75	125	07/25/2024	
Boron		0.0250		0.705	0.5000	0.1819	104.6	75	125	07/26/2024	
Cadmium	*	0.0010		0.0545	0.0500	0	109.1	75	125	07/25/2024	
Chromium		0.0015		0.215	0.2000	0	107.4	75	125	07/25/2024	
Cobalt		0.0010		0.518	0.5000	0	103.6	75	125	07/25/2024	
Iron		0.0250		2.34	2.000	0.3898	97.3	75	125	07/26/2024	
Lead		0.0010		0.520	0.5000	0	103.9	75	125	07/25/2024	
Lithium	*	0.0030		0.594	0.5000	0.01422	116.1	75	125	07/29/2024	
Manganese		0.0020		0.621	0.5000	0.08213	107.8	75	125	07/25/2024	
Molybdenum		0.0015		0.499	0.5000	0.004104	99.0	75	125	07/25/2024	
Selenium		0.0010		0.562	0.5000	0	112.4	75	125	07/25/2024	
Thallium		0.0020		0.249	0.2500	0	99.4	75	125	07/25/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226068		SampType: MSD		Units mg/L				RPD Limit 20			
SampleID: 24061962-015CMSD											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		0.0010	B	0.561	0.5000	0.0006849	112.0	0.5859	4.44	07/25/2024	
Arsenic		0.0010		0.532	0.5000	0.001167	106.1	0.5513	3.60	07/25/2024	
Barium		0.0010		2.29	2.000	0.1113	108.9	2.344	2.36	07/25/2024	
Beryllium		0.0010		0.0510	0.0500	0	102.0	0.05386	5.50	07/25/2024	
Boron		0.0250		0.710	0.5000	0.1819	105.7	0.7051	0.75	07/26/2024	
Cadmium	*	0.0010		0.0519	0.0500	0	103.7	0.05455	5.05	07/25/2024	
Chromium		0.0015		0.206	0.2000	0	102.8	0.2149	4.43	07/25/2024	
Cobalt		0.0010		0.503	0.5000	0	100.6	0.5180	2.96	07/25/2024	
Iron		0.0250		2.34	2.000	0.3898	97.4	2.335	0.12	07/26/2024	
Lead		0.0010		0.518	0.5000	0	103.6	0.5196	0.34	07/25/2024	
Lithium	*	0.0030		0.566	0.5000	0.01422	110.4	0.5945	4.84	07/29/2024	
Manganese		0.0020		0.602	0.5000	0.08213	103.9	0.6213	3.19	07/25/2024	
Molybdenum		0.0015		0.478	0.5000	0.004104	94.8	0.4992	4.34	07/25/2024	
Selenium		0.0010		0.540	0.5000	0	107.9	0.5622	4.11	07/25/2024	
Thallium		0.0020		0.234	0.2500	0	93.6	0.2486	6.06	07/25/2024	

Batch 226078		SampType: MBLK		Units mg/L						
SampleID: MBLK-226078										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	S	0.0010	0.0004	0	225.8	-100	100	07/24/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/24/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/24/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/24/2024
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	07/24/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/25/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/24/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/24/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/24/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/24/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/24/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/24/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/24/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226078		SampType: LCS		Units mg/L							
SampID: LCS-226078											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010	B	0.562	0.5000	0	112.3	80	120	07/24/2024	
Arsenic		0.0010		0.543	0.5000	0	108.6	80	120	07/24/2024	
Barium		0.0010		2.17	2.000	0	108.7	80	120	07/24/2024	
Beryllium		0.0010		0.0501	0.0500	0	100.2	80	120	07/24/2024	
Boron		0.0250		0.447	0.5000	0	89.4	80	120	07/24/2024	
Cadmium	*	0.0010		0.0533	0.0500	0	106.6	80	120	07/24/2024	
Chromium		0.0015		0.216	0.2000	0	108.0	80	120	07/25/2024	
Cobalt		0.0010		0.546	0.5000	0	109.2	80	120	07/24/2024	
Iron		0.0250		2.30	2.000	0	115.1	80	120	07/24/2024	
Lead		0.0010		0.510	0.5000	0	101.9	80	120	07/24/2024	
Lithium	*	0.0030		0.508	0.5000	0	101.6	80	120	07/24/2024	
Manganese		0.0020		0.530	0.5000	0	106.1	80	120	07/24/2024	
Molybdenum		0.0015		0.472	0.5000	0	94.3	80	120	07/24/2024	
Selenium		0.0010		0.519	0.5000	0	103.8	80	120	07/24/2024	
Thallium		0.0020		0.253	0.2500	0	101.2	80	120	07/24/2024	

Batch 226078		SampType: MS		Units mg/L						
SampID: 24061962-019CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		2.30	2.000	0.1626	106.8	75	125	07/25/2024
Manganese		0.0020		0.542	0.5000	0.06245	96.0	75	125	07/25/2024

Batch 226078		SampType:	MSD	Units mg/L					RPD Limit 20		Date Analyzed
SampID: 24061962-019CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Iron			0.0250		2.31	2.000	0.1626	107.5	2.299	0.54	
Manganese			0.0020		0.561	0.5000	0.06245	99.7	0.5422	3.42	

Batch 226553		SampType: MBLK		Units mg/L							
SampID: MBLK-226553											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/05/2024	
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	08/05/2024	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/05/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

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

Batch 226553		SampType: LCS		Units mg/L						
SampID: LCS-226553										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		0.503	0.5000	0	100.6	85	115	08/05/2024
Boron	*	0.0250		0.465	0.5000	0	93.1	85	115	08/05/2024
Selenium		0.0010		0.520	0.5000	0	103.9	85	115	08/05/2024

SW-846 7470A (TOTAL)

Batch 225881		SampType: MBLK		Units mg/L							
SampID: MBLK-225881											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/19/2024	

Batch 225881		SampType: LCS		Units mg/L							
SampID: LCS-225881											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00482	0.0050	0	96.4	85	115	07/19/2024	

Batch 225881		SampType: MS		Units mg/L							
SampID: 24061962-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00470	0.0050	0	94.0	75	125	07/19/2024	

Batch 225881		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-009BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00467	0.0050	0	93.4	0.004699	0.58	07/19/2024

Batch 225881		SampType: MS		Units mg/L							
SampID: 24061962-040BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00481	0.0050	0	96.1	75	125	07/19/2024	

Batch 225881		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-040BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00486	0.0050	0	97.1	0.004806	1.03	07/19/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 7470A (TOTAL)

Batch 225937		SampType: MBLK		Units mg/L							
SampID: MBLK-225937											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/22/2024	

Batch 225937		SampType: MS		Units mg/L							
SampID: 24061962-022BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00441	0.0050	0	88.2	75	125	07/22/2024	

Batch 225937		SampType: MSD		Units mg/L				RPD Limit 15				
SampID: 24061962-022BMSD												Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.00020		0.00454	0.0050	0	90.7	0.004410	2.84	07/22/2024	

Batch 225937		SampType: MS		Units mg/L							
SampID: 24061962-048BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00438	0.0050	0	87.7	75	125	07/22/2024	

Batch 225937		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-048BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00459	0.0050	0	91.8	0.004384	4.60	07/22/2024

Batch 225987		SampType: MBLK		Units mg/L							
SampID: MBLK-225987											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/23/2024	

Batch 225987		SampType: LCS		Units mg/L							
SampID: LCS-225987											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00479	0.0050	0	95.9	85	115	07/23/2024	

Batch 225987		SampType: MS		Units mg/L							
SampID: 24061962-013BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00485	0.0050	0	97.1	75	125	07/23/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 7470A (TOTAL)

Batch 225987		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-013BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00472	0.0050	0	94.4	0.004853	2.81	07/23/2024	

Batch 226026		SampType: MBLK		Units mg/L							
SampID: MBLK-226026											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/23/2024	

Batch 226026		SampType: LCS		Units mg/L							
SampID: LCS-226026											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00447	0.0050	0	89.4	85	115	07/23/2024	

Batch 226026		SampType: MS		Units mg/L							
SampID: 24061962-049BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00467	0.0050	0	93.3	75	125	07/23/2024	

Batch 226026		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24061962-049BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00462	0.0050	0	92.4	0.004667	0.99	07/23/2024

Batch 226026		SampType: MS		Units mg/L							
SampID: 24071717-018BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00467	0.0050	0	93.3	75	125	07/23/2024	

Batch 226026		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24071717-018BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00475	0.0050	0	95.1	0.004665	1.90	07/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

SW-846 7470A (TOTAL)

Batch 226132		SampType: MBLK		Units mg/L							
SampID: MBLK-226132											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/29/2024	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	07/26/2024	

Batch 226132		SampType: LCS		Units mg/L							
SampID: LCS-226132											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00561	0.0050	0	112.1	85	115	07/29/2024	
Mercury		0.00020		0.00469	0.0050	0	93.8	85	115	07/26/2024	

Batch 226132		SampType: MS		Units mg/L							
SampID: 24071862-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00557	0.0050	0	111.5	75	125	07/29/2024	

Batch 226132		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24071862-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00551	0.0050	0	110.2	0.005574	1.19	07/29/2024	

Batch 226132		SampType: MS		Units mg/L							
SampID: 24071896-003DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00507	0.0050	0	101.4	75	125	07/26/2024	

Batch 226132		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 24071896-003DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00514	0.0050	0	102.8	0.005069	1.35	07/26/2024	



Receiving Check List

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

Client: Ramboll

Work Order: 24061962

Client Project: BAL-24Q3

Report Date: 13-Aug-24

Carrier: Justin Colp

Received By: PRS

Completed by:

On:

18-Jul-24

Paul Schultz

Reviewed by:

On:

23-Jul-24

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 19.9
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☒	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

Any No responses must be detailed below or on the COC.

pH strip #96651. - pschultz - 7/18/2024 8:30:22 AM

Additional Nitric Acid (98584) preservative was needed in MW304, MW393, MW394, PZ170, and MW304 Duplicate upon arrival at the laboratory. - pschultz - 7/18/2024 8:30:24 AM

Samples were received on 7/18/2024 at 16:30 on ice [10.7C - LTG#9]. - pschultz - 7/19/2024 8:24:42 AM

pH strip #96651. - pschultz - 7/19/2024 8:24:52 AM

Additional Nitric Acid (98584) was needed in MW369 upon arrival at the laboratory. - pschultz - 7/19/2024 8:24:54 AM

Samples were received on 7/19/24 at 1220 on ice [5.7C - LTG5]. pH strip #96651. - amberdilallo - 7/19/2024 1:51:13 PM

Samples were received on 7/22/24 at 1450 on ice [17.3C - LTG5]. Additional Nitric Acid (98584) was needed in PZ-178 Duplicate upon arrival at the laboratory. - amberdilallo - 7/22/2024 3:07:45 PM

pH strip #96651. - amberdilallo - 7/22/2024 3:07:47 PM

Samples were received on 7/23/24 at 1324 on ice [22.3C - LTG5]. Field Blank and Equipment Blank 1 were filtered unpreserved and preserved with Nitric Acid (98584) for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 7/23/2024 1:58:51 PM

pH strip #96651. - amberdilallo - 7/23/2024 1:58:54 PM

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Page: 1 of 3

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes						COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↑	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	Project No./ Lab I.D.	
		MATRIX CODES (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE	DRINKING WATER DW	WATER WT	WASTE WATER WW						PRODUCT SL	SOIL/SOLID QL	OIL WP	WIPE AR	AIR OT	OTHER TS	Unpreserved	H ₂ SO ₄		HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL-257-601			BAL-257-605
1	MW-104DR	WT	G	7.17.24	1207		4	2	2												X										24061962-001
2	MW-104SR	WT	G	7.17.24	1233		4	2	2												X										24061962-002
3	MW-150	WT	G				4	2	2												X		X		X						24061962-003
4	MW-151	WT	G				4	2	2												X		X		X						24061962-004
5	MW-152	WT	G				4	2	2												X		X		X						24061962-005
6	MW-153	WT	G				4	2	2												X		X		X						24061962-006
7	MW-154	WT	G				4	2	2															X							24061962-007
8	MW-155	WT	G				4	2	2															X							24061962-008
9	MW-192	WT	G	7.17.24	1412		2	1	1												X		X								24061962-009
10	MW-193	WT	G	7-17-24	0826		2	1	1												X		X								24061962-010
11	MW-195	WT	G				3	1	2																X						24061962-011
12	MW-196	WT	G				3	1	2															X							24061962-012
13	MW-197	WT	G				3	1	2															X							24061962-013
14	MW-252	WT	G				4	2	2													X		X		X					24061962-014
15	MW-253R	WT	G				4	2	2													X		X		X					24061962-015
16	MW-304	WT	G	7.17.24	1020		4	2	2												X	X	X	X	X						24061962-016
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION				DATE	TIME		ACCEPTED BY / AFFILIATION				DATE	TIME		SAMPLE CONDITIONS															
BAL-24Q3 Rev 0		J. Colp				7-17	1600		Paul [Signature]				7/17/24	1600		[Initials] z															
																19.9 JGG															

12/9/65

Added HNO₃ (95584) to MW304, MW323

MW 394, PZ 170, & MW 309 dup

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 7-17-24

temp in °C

Received on
Ice (Y/N)

Custody	
Sealed	

Samples
Intact (Y/N)

24061962

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:

Company: **Vistra Corp-Baldwin**
Address: **10901 Baldwin Road**
Baldwin, IL 62217
Email To: **Brian.Voelker@VistraCorp.com**
Phone: **(217) 753-8911** Fax:
Requested Due Date/TAT: **10 day**

Section B

Required Project Information:

Report To: **Brian Voelker**
Copy To: **Sam Davies: samantha.davies@visstracorp.com**
Kim Edmiaston
Purchase Order No.: **Kimberly.Edmiaston@visstracorp.com**
Project Name:
Project Number: **2285**

Section C

Invoice Information:

Attention: **Brian Voelker**
Company Name: **Vistra Corp**
Address: **see Section A**
Quote Reference:
Project Manager:
Profile #:

Page: **2** of **3**

Section D Required Client Information		Valid Matrix Codes		COLLECTED		SAMPLE TEMP AT COLLECTION		Preservatives		Requested Analysis Filtered (Y/N)										Project No./ Lab I.D.											
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOLID/SOLID SL OIL WP WIPE AR AIR OT OTHER TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test										Residual Chlorine (Y/N)					
																BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605										
1	MW-350R		WT	G			4	2	2								X		X		X									24061962-017	
2	MW-352		WT	G			4	2	2								X		X		X									24061962-018	
3	MW-355		WT	G			4	2	2												X									24061962-019	
4	MW-356		WT	G			2	1	1								X		X											24061962-020	
5	MW-358		WT	G			2	1	1								X	X	X	X										24061962-021	
6	MW-366		WT	G			2	1	1									X		X										24061962-022	
7	MW-369		WT	G			2	1	1								X		X											24061962-023	
8	MW-370		WT	G			2	1	1								X		X											24061962-024	
9	MW-375		WT	G			2	1	1									X		X										24061962-025	
10	MW-377		WT	G			2	1	1									X		X										24061962-026	
11	MW-382		WT	G			2	1	1								X		X											24061962-027	
12	MW-383		WT	G	7-17-24	1115	2	1	1								X		X											24061962-028	
13	MW-384		WT	G	7-17-24	1211	2	1	1								X		X											24061962-029	
14	MW-390		WT	G	7-17-24	1332	2	1	1								X		X											24061962-030	
15	MW-391		WT	G			2	1	1								X		X											24061962-031	
16	MW-392		WT	G	7-17-24	1323	2	1	1								X		X											24061962-032	
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																	
BAL-24Q3 Rev 0		J. Cole		7-17		1600		Paul [Signature]		7/17/24		1600		Y		N															

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **Justin Cole**
SIGNATURE of SAMPLER: **[Signature]**
DATE Signed (MM/DD/YY): **7-17-24**

Temp in °C
Received on ice (Y/N)
Custody Sealed Cooler (Y/N)
Samples Intact (Y/N)

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Page: 3 of 3

[illegible]

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 Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-17-24				

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:		Site Location IL	
						STATE:	

ITEM #	Section D Required Client Information	Valid Matrix Codes				MATRIX CODE (see valid codes to lab)	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						DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

PH/96651 Added Hubs (98584) to
PS 7119 MW369

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:		JUSTIN COLE	
SIGNATURE of SAMPLER:		[Signature]	
DATE Signed (MM/DD/YY):		7-18-24	

UTG9 on ice

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:		Site Location STATE: IL	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:			

ITEM #	Section D Required Client Information	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	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		DRINKING WATER	DOW			WATER	WV			WASTE WATER	WP	PRODUCT SOL/SOLID	SL	OL	WP	AR	OT		TS	AIR	OTHER	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	BAL-257-601			BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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 Calp					
SIGNATURE of SAMPLER: Justin Calp					
DATE Signed (MM/DD/YY): 7-18-24					

LTG 9
on ice

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

Invoice Information:

Page: 3 of 3

Company: Vistra Corp-Baldwin		Report To: Brian Voelker	Attention: Brian Voelker		REGULATORY AGENCY		
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp				
Baldwin, IL 62217		Kim Edmiaston	Address: see Section A		NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com	Quote Reference:		UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:		Site Location		
Requested Due Date/TAT: 10 day		Project Number: 2285	Profile #:		STATE:	IL	

[illegible]

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 Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-18-24				

LTG 9 on ice

24061952

[illegible]

Section C

Invoice information:

Page: 1 of 3

	Requested Analysis Filtered (Y/N)	

SAMPLER NAME AND SIGNATURE		°C	on	/	(N)	s

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 Cap					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-19-24				

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

Section C

Invoice information:

Page: 2 of 3

Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Invoice Information: Attention: Brian Voelker			
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY	
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.: <u>Kimberly.Edmiaston@vistracorp.com</u>		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:		Site Location	
						STATE: IL	

[illegible]

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 Cole					
SIGNATURE of SAMPLER: Justin Cole	DATE Signed (MM/DD/YY): 7-19-24				

24061962

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:

Company: **Visira Corp-Baldwin**
Address: **10901 Baldwin Road**
Baldwin, IL 62217
Email To: **Brian.Voelker@VisiraCorp.com**
Phone: **(217) 753-8911** Fax:
Requested Due Date/TAT: **10 day**

Section B

Required Project Information:

Report To: **Brian Voelker**
Copy To: **Sam Davies: samantha.davies@vistracorp.com**
Kim Edmiaston
Purchase Order No.: **Kimberly.Edmiaston@vistracorp.com**
Project Name:
Project Number: **2285**

Section C

Invoice Information:

Attention: **Brian Voelker**
Company Name: **Visira Corp**
Address: **see Section A**
Quote Reference:
Project Manager:
Profile #:

Page: **3** of **3**

Section D Required Client Information		Matrix Codes		COLLECTED		Preservatives		Requested Analysis Filtered (Y/N)												Project No./ Lab I.D.					
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOIL/SOLID SL OIL WP WIPE AR AIR OT OTHER TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	
1	MW-393		WT	G				2	1	1							X	X							24061962-033
2	MW-394		WT	G				2	1	1							X	X							24061962-034
3	OW-156		WT	G				0													X				24061962-035
4	OW-157		WT	G				0													X				24061962-036
5	OW-256		WT	G				2	1	1							X	X							24061962-037
6	OW-257		WT	G				2	1	1							X	X							24061962-038
7	PZ-178		WT	G	7-22	1012		2	1	1							X	X							24061962-039
8	PZ-178		WT	G	7-22	1056		2	1	1							X	X							24061962-040
9	TPZ-164		WT	G	7-22	1313		2	1	1							X	X							24061962-041
10	XPW01		WT	G	7-22	1203		2	1	1							X	X							24061962-042
11	XPW05		WT	G	7-22	1742		2	1	1							X	X							24061962-043
12	XPW06		WT	G	7-22	1127		2	1	1							X	X							24061962-044
13	Field Blank		WT	G				4	2	2							X	X	X	X	X	X			24061962-045
14	MW-304 Duplicate		WT	G				4	2	2							X	X	X	X	X	X			24061962-046
15	Equipment Blank 1		WT	G				4	2	2							X	X	X	X	X	X			24061962-047
16	PZ-178 Dup				7-22	1012																			24061962-052

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-24Q3 Rev 0	J. Gal	7-22	1450	Amber Delauro	7/22/24	1450	17.3	>	=	Y
							Temp in °C	Received on ice (Y/N)	Custody Sealed Color (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YYYY):

Added HNO₃ (98584) to
PZ-178 Dup. pH & glee51
um 7/22/24

TE
um
7/22/24

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

Required Client Information:

Required Project Information:

Section C
Invoice information:

Page: 2 of 3

Company: Vistra Corp-Baldwin		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiston	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiston@vistracorp.com	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location		
Requested Due Date/TAT: 10 day		Project Number: 2285	Profile #:	STATE:	IL	

ITEM #	Section D Required Client Information	Matrix Codes DRINKING WATER DW WT WATER WW P WASTE WATER SL OL WP AR OT TS PRODUCT SOIL/SOLID AIR OTHER	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)						Residual Chlorine (Y/N)	Project No / Lab I.D.		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605				
1	MW-350R		WT G				4	2	2						X		X		X								24061962-017
2	MW-352		WT G				4	2	2						X		X		X								24061962-018
3	MW-355		WT G		7-23-24	1153	4	2	2								X		X								24061962-019
4	MW-356		WT G				2	1	1						X		X										24061962-020
5	MW-358		WT G				2	1	1						X	X	X	X									24061962-021
6	MW-366		WT G				2	1	1						X		X										24061962-022
7	MW-369		WT G				2	1	1						X		X										24061962-023
8	MW-370		WT G				2	1	1						X		X										24061962-024
9	MW-375		WT G				2	1	1							X		X									24061962-025
10	MW-377		WT G				2	1	1							X		X									24061962-026
11	MW-382		WT G				2	1	1						X		X										24061962-027
12	MW-383		WT G				2	1	1							X		X									24061962-028
13	MW-384		WT G				2	1	1							X		X									24061962-029
14	MW-390		WT G				2	1	1							X		X									24061962-030
15	MW-391		WT G				2	1	1							X		X									24061962-031
16	MW-392		WT G				2	1	1						X		X										24061962-032
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS														
BAL-24Q3 Rev 0			Pay 2			7/23/24	1324	Ambis Oball			7/23/24	1324	> z														

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 COLE SIGNATURE of SAMPLER: <i>[Signature]</i>				
DATE Signed (MM/DD/YY): 7-23-21					

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:		REGULATORY AGENCY	
Phone: (217) 753-8911		Project Name:		Project Manager:		NPDES GROUND WATER DRINKING WATER	
Fax:		Project Number: 2285		Profile #:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day						Site Location	
						STATE: IL	

ITEM #	Section D Required Client Information	Vendor Matrix Codes	MATRIX	COLLECTED	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
									Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other															
1	MW-393	WT	G				2	1	1																	24061962-033					
2	MW-394	WT	G				2	1	1																	24061962-034					
3	OW-156	WT	G				0																			24061962-035					
4	OW-157	WT	G				0																			24061962-036					
5	OW-256	WT	G				2	1	1																	24061962-037					
6	OW-257	WT	G				2	1	1																	24061962-038					
7	PZ-170	WT	G				2	1	1																	24061962-039					
8	PZ-182	WT	G				2	1	1																	24061962-040					
9	TPZ-164	WT	G				2	1	1																	24061962-041					
10	XPW01	WT	G				2	1	1																	24061962-042					
11	XPW05	WT	G				2	1	1																	24061962-043					
12	XPW06	WT	G				2	1	1																	24061962-044					
13	Field Blank	WT	G	7-23-24	1204		4	2	2																	24061962-045					
14	MW-304 Duplicate	WT	G				4	2	2																	24061962-046					
15	Equipment Blank 1	WT	G	7-23-24	1211		4	2	2																	24061962-047					
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
BAL-24Q3 Rev 0	Wing 2	7/23/24	1324	Sharon Orrell	7/23/24	1324					

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:					
		DATE Signed (MM/DD/YY): 7-23-24			

August 26, 2024

Eric Bauer
Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
TEL: (414) 837-3607
FAX: (414) 837-3608



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-24Q3

WorkOrder: 24061963

Dear Eric Bauer:

TEKLAB, INC received 45 samples on 7/23/2024 1:24:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: Ramboll

Work Order: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	50
Receiving Check List	52
Chain of Custody	Appended

Definitions

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

Client: Ramboll

Work Order: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

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: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

Qualifiers

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



Case Narrative

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

Client: Ramboll

Work Order: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

Cooler Receipt Temp: 19.9 °C

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

Equipment Blank 2 was not needed.

MW-152 collection time per field file. EAH 7/25/24

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

This report was revised on August 26, 2024 per Eric Bauer's request. The reason for the revision is to correct the collection time of MW-366 from 1204 to 1206 to align with the field data file and to omit MW-195 from the subcontractor's report. Please replace report dated August 21, 2024 with this report. EAH 8/26/24

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: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-001
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-150
Collection Date: 07/18/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:42	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-002
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-151
Collection Date: 07/18/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:42	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-003
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-152
Collection Date: 07/18/2024 10:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-004
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-153
Collection Date: 07/18/2024 8:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-005
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-192
Collection Date: 07/17/2024 14:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-006
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-193
Collection Date: 07/17/2024 8:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-008
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-196
Collection Date: 07/23/2024 10:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-009
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-197
Collection Date: 07/19/2024 10:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-010
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-252
Collection Date: 07/18/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:44	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-011
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-253R
Collection Date: 07/18/2024 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:44	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-012
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-304
Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:44	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-013
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-350R
Collection Date: 07/18/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:44	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-014
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-352
Collection Date: 07/18/2024 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 12:04	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-015
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-356
Collection Date: 07/18/2024 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 12:04	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-016
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-358
Collection Date: 07/18/2024 11:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 12:04	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll	Work Order: 24061963
Client Project: BAL-24Q3	Report Date: 26-Aug-24
Lab ID: 24061963-017	Client Sample ID: MW-366
Matrix: GROUNDWATER	Collection Date: 07/18/2024 12:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 12:04	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-018
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-369
Collection Date: 07/18/2024 9:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 12:04	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-019
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-370
Collection Date: 07/18/2024 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:42	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-020
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-375
Collection Date: 07/18/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:15	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-021
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-377
Collection Date: 07/18/2024 14:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:37	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-022
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-382
Collection Date: 07/18/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:37	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-023
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-383
Collection Date: 07/17/2024 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:37	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-024
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-384
Collection Date: 07/17/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:37	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-025
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-390
Collection Date: 07/17/2024 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:37	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll	Work Order: 24061963
Client Project: BAL-24Q3	Report Date: 26-Aug-24
Lab ID: 24061963-026	Client Sample ID: MW-391
Matrix: GROUNDWATER	Collection Date: 07/19/2024 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:38	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-027
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-392
Collection Date: 07/17/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:38	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-028
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-393
Collection Date: 07/17/2024 9:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:38	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-029
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-394
Collection Date: 07/17/2024 9:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:34	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-030
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: OW-256
Collection Date: 07/17/2024 14:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:34	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-031
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: OW-257
Collection Date: 07/17/2024 10:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:35	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-032
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: PZ-170
Collection Date: 07/17/2024 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:35	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-033
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: PZ-182
Collection Date: 07/17/2024 11:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:35	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-034
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: TPZ-164
Collection Date: 07/22/2024 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:35	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll

Client Project: BAL-24Q3

Lab ID: 24061963-035

Matrix: GROUNDWATER

Work Order: 24061963

Report Date: 26-Aug-24

Client Sample ID: XPW01

Collection Date: 07/22/2024 12:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:35	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll

Client Project: BAL-24Q3

Lab ID: 24061963-036

Matrix: GROUNDWATER

Work Order: 24061963

Report Date: 26-Aug-24

Client Sample ID: XPW05

Collection Date: 07/22/2024 12:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:31	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-037
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: XPW06
Collection Date: 07/22/2024 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:31	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-038
Matrix: AQUEOUS

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: Field Blank
Collection Date: 07/23/2024 12:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:31	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

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

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-039
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: MW-304 Duplicate
Collection Date: 07/17/2024 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2024 11:31	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll	Work Order: 24061963
Client Project: BAL-24Q3	Report Date: 26-Aug-24
Lab ID: 24061963-040	Client Sample ID: Equipment Blank 1
Matrix: AQUEOUS	Collection Date: 07/23/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2024 12:42	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-041
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: PZ-174
Collection Date: 07/18/2024 15:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2024 12:42	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-042
Matrix: GROUNDWATER
Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: PZ-176
Collection Date: 07/22/2024 10:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2024 12:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll

Client Project: BAL-24Q3

Lab ID: 24061963-043

Matrix: GROUNDWATER

Work Order: 24061963

Report Date: 26-Aug-24

Client Sample ID: PZ-178

Collection Date: 07/22/2024 10:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2024 12:43	R352068



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601
<http://www.teklabinc.com/>

Client: Ramboll
Client Project: BAL-24Q3
Lab ID: 24061963-045
Matrix: GROUNDWATER

Work Order: 24061963
Report Date: 26-Aug-24
Client Sample ID: PZ-178 Duplicate
Collection Date: 07/22/2024 10:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2024 12:43	R352068



Sample Summary

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

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061963-001	MW-150	Groundwater	1	07/18/2024 12:57
24061963-002	MW-151	Groundwater	1	07/18/2024 13:32
24061963-003	MW-152	Groundwater	1	07/18/2024 10:44
24061963-004	MW-153	Groundwater	1	07/18/2024 8:36
24061963-005	MW-192	Groundwater	1	07/17/2024 14:12
24061963-006	MW-193	Groundwater	1	07/17/2024 8:26
24061963-008	MW-196	Groundwater	1	07/23/2024 10:34
24061963-009	MW-197	Groundwater	1	07/19/2024 10:24
24061963-010	MW-252	Groundwater	1	07/18/2024 11:18
24061963-011	MW-253R	Groundwater	1	07/18/2024 9:24
24061963-012	MW-304	Groundwater	1	07/17/2024 10:20
24061963-013	MW-350R	Groundwater	1	07/18/2024 13:48
24061963-014	MW-352	Groundwater	1	07/18/2024 12:01
24061963-015	MW-356	Groundwater	1	07/18/2024 9:55
24061963-016	MW-358	Groundwater	1	07/18/2024 11:10
24061963-017	MW-366	Groundwater	1	07/18/2024 12:06
24061963-018	MW-369	Groundwater	1	07/18/2024 9:56
24061963-019	MW-370	Groundwater	1	07/18/2024 10:51
24061963-020	MW-375	Groundwater	1	07/18/2024 13:23
24061963-021	MW-377	Groundwater	1	07/18/2024 14:41
24061963-022	MW-382	Groundwater	1	07/18/2024 12:04
24061963-023	MW-383	Groundwater	1	07/17/2024 11:15
24061963-024	MW-384	Groundwater	1	07/17/2024 12:11
24061963-025	MW-390	Groundwater	1	07/17/2024 13:32
24061963-026	MW-391	Groundwater	1	07/19/2024 11:05
24061963-027	MW-392	Groundwater	1	07/17/2024 13:23
24061963-028	MW-393	Groundwater	1	07/17/2024 9:08
24061963-029	MW-394	Groundwater	1	07/17/2024 9:54
24061963-030	OW-256	Groundwater	1	07/17/2024 14:06
24061963-031	OW-257	Groundwater	1	07/17/2024 10:33
24061963-032	PZ-170	Groundwater	1	07/17/2024 12:25
24061963-033	PZ-182	Groundwater	1	07/17/2024 11:38
24061963-034	TPZ-164	Groundwater	1	07/22/2024 13:13
24061963-035	XPW01	Groundwater	1	07/22/2024 12:03
24061963-036	XPW05	Groundwater	1	07/22/2024 12:42
24061963-037	XPW06	Groundwater	1	07/22/2024 11:27
24061963-038	Field Blank	Aqueous	1	07/23/2024 12:04
24061963-039	MW-304 Duplicate	Groundwater	1	07/17/2024 10:20
24061963-040	Equipment Blank 1	Aqueous	1	07/23/2024 12:11



Sample Summary

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

Client: Ramboll
Client Project: BAL-24Q3

Work Order: 24061963
Report Date: 26-Aug-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24061963-041	PZ-174	Groundwater	1	07/18/2024 15:01
24061963-042	PZ-176	Groundwater	1	07/22/2024 10:56
24061963-043	PZ-178	Groundwater	1	07/22/2024 10:12
24061963-044	Equipment Blank 2	Aqueous	1	
24061963-045	PZ-178 Duplicate	Groundwater	1	07/22/2024 10:12



Receiving Check List

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

Client: Ramboll

Work Order: 24061963

Client Project: BAL-24Q3

Report Date: 26-Aug-24

Carrier: Justin Colp

Received By: PRS

Completed by:

On:

18-Jul-24

Paul Schultz

Reviewed by:

On:

23-Jul-24

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 19.9
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☒	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

Any No responses must be detailed below or on the COC.

pH strip #96651. - pschultz - 7/18/2024 8:46:24 AM

Additional Nitric Acid (98584) was needed in MW304, MW384, MW393, MW394, PZ170, and MW304 Duplicate upon arrival at the laboratory. - pschultz - 7/18/2024 8:46:27 AM

Samples were received on 7/18/2024 at 16:30 on ice [10.7C - LTG#9]. - pschultz - 7/19/2024 8:43:47 AM

pH strip #96651. - pschultz - 7/19/2024 8:44:24 AM

Samples were received on 7/19/24 at 1220 on ice [5.7C - LTG#5]. pH strip #96651. - amberdilallo - 7/19/2024 1:56:08 PM

Samples were received on 7/22/24 at 1450 on ice [17.3C - LTG5]. pH strip #96651. - amberdilallo - 7/22/2024 3:12:28 PM

Samples were received on 7/23/24 at 1324 on ice [22.3C - LTG5]. pH strip #96651. - NO/amberdilallo - 7/23/2024 2:00:21 PM

24061963

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WIPE WIP 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)												Radium 226/228, only	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)							
1	MW-104DR		WT	G	7-17-24	1201																									N/A
2	MW-104SR		WT	G	7-17-24	1233																									N/A
3	MW-150		WT	G			2		2																						24061963-001
4	MW-151		WT	G			2		2																						24061963-002
5	MW-152		WT	G			2		2																						24061963-003
6	MW-153		WT	G			2		2																						24061963-004
7	MW-154		WT	G																											N/A
8	MW-155		WT	G																											N/A
9	MW-192		WT	G	7-17-24	1412	2		2																						24061963-005
10	MW-193		WT	G	7-17-24	6826	2		2																						24061963-006
11	MW-195		WT	G			2		2																						24061963-007
12	MW-196		WT	G			2		2																						24061963-008
13	MW-197		WT	G			2		2																						24061963-009
14	MW-252		WT	G			2		2																						24061963-010
15	MW-253R		WT	G			2		2																						24061963-011
16	MW-304		WT	G	7-17-24	1020	2		2																						24061963-012
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																
BAL-24Q3 Rev 0					J. Colp			7-17	1600	Paul Zolty			7/17/24	1600	Temp in °C: 19.9 Received on Ice (Y/N): 469 Custody Sealed Cooler (Y/N): Samples Intact (Y/N):																

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Colp					
SIGNATURE of SAMPLER: [Signature]					
DATE Signed (MM/DD/YY): 7-17-24					

Added H₂SO₄ (85584) to MW 204, MW 384, MW 393,
MW 394, PZ 120, MW 304 dup

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Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

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 QL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=C-PROP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)							Radium 226/228, only								
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605									Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT G							2						X		X		X										24061963-013						
2	MW-352	WT G							2						X		X		X										24061963-014						
3	MW-355	WT G																								N/A									
4	MW-356	WT G							2						X		X												24061963-015						
5	MW-358	WT G							2						X	X	X	X											24061963-016						
6	MW-366	WT G							2						X		X												24061963-017						
7	MW-369	WT G							2						X		X												24061963-018						
8	MW-370	WT G							2						X		X												24061963-019						
9	MW-375	WT G							2							X		X											24061963-020						
10	MW-377	WT G							2							X		X											24061963-021						
11	MW-382	WT G							2						X		X												24061963-022						
12	MW-383	WT G			7-17-24	1115			2							X		X											24061963-023						
13	MW-384	WT G			7-17-24	1211			2							X		X											24061963-024						
14	MW-390	WT G			7-17-24	1332			2							X		X											24061963-025						
15	MW-391	WT G							2							X		X											24061963-026						
16	MW-392	WT G			7-17-24	1323			2						X		X												24061963-027						
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																					
BAL-24Q3 Rev 0		J. Cole		7-17		1600		Paul [Signature]		7/17/24		1600		>	Z																				

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:	Justin Colp	DATE Signed (MM/DD/YY):	7-17-24		

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Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location IL STATE:	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:			
Phone: (217) 753-8911	Fax:	Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number: 2285		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 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#	Requested Analysis Filtered (Y/N)												Radium 226/228, only				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605									Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-393		WT	G	7-17-24	0908		2		2								X	X												24061963-02-02		
2	MW-394		WT	G	7-17-24	0954		2		2								X	X												24061963-02-02		
3	OW-156		WT	G	7-17-24	931																									N/A		
4	OW-157		WT	G	7-17-24	955																									N/A		
5	OW-256		WT	G	7-17-24	1406		2		2								X	X												24061963-02-03		
6	OW-257		WT	G	7-17-24	1053		2		2								X	X												24061963-04-03		
7	PZ-170		WT	G	7-17-24	1225		2		2								X	X												24061963-02-02		
8	PZ-182		WT	G	7-17-24	1138		2		2								X	X												24061963-02-02		
9	TPZ-164		WT	G				2		2								X	X												24061963-04-02		
10	XPW01		WT	G				2		2								X	X												24061963-05-02		
11	XPW05		WT	G				2		2								X	X												24061963-06-03		
12	XPW06		WT	G				2		2								X	X												24061963-07-02		
13	Field Blank		WT	G				2		2								X	X	X	X	X	X								24061963-08-03		
14	MW-304 Duplicate		WT	G	7-17-24	10210		2		2								X	X	X	X		X								24061963-09-03		
15	Equipment Blank 1		WT	G				2		2								X	X	X	X	X	X								24061963-10-04		
16																																	
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																				
BAL-24Q3 Rev 0			J. Colp			7-17	1600	Paul Gilling			7/17/24	1600	> z																				

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 Golt					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-17-24				

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

Page: 1 of 3

Invoice information:

Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker					
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com *		Company Name: Vistra Corp		REGULATORY AGENCY			
Baldwin, IL 62217		Kim Edmiston		Address: see Section A		NPDES		GROUND WATER DRINKING WATER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiston@vistracorp.com		Quote Reference:		UST		RCRA OTHER	
Phone: (217) 753-8911		Fax:		Project Name:		Site Location			
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		STATE:		IL	
				Profile #:					

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									$\downarrow$ Analysis Test $\downarrow$	Requested Analysis Filtered (Y/N)								Radium 226/228, only			
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other													Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G															BAL-257-601					X			N/A						
2	MW-104SR	WT	G															BAL-257-605					X			N/A						
3	MW-150	WT	G			7-18-24	1257			2		2						BAL-845-601	X		X		X			24061963-001						
4	MW-151	WT	G			7-18-24	1332			2		2						BAL-845-605	X		X		X			24061963-002						
5	MW-152	WT	G			7-18-24	1046			2		2						BAL-NE-605	X		X		X			24061963-003						
6	MW-153	WT	G			7-18-24	0836			2		2						BAL-WPCP-605	X		X		X			24061963-004						
7	MW-154	WT	G																			X			N/A							
8	MW-155	WT	G																			X			N/A							
9	MW-192	WT	G							2		2						X		X						24061963-005						
10	MW-193	WT	G							2		2						X		X						24061963-006						
11	MW-195	WT	G							2		2										X				24061963-007						
12	MW-196	WT	G							2		2										X				24061963-008						
13	MW-197	WT	G							2		2										X				24061963-009						
14	MW-252	WT	G			7-18-24	1118			2		2						X		X		X				24061963-010						
15	MW-253R	WT	G			7-18-24	0924			2		2						X		X		X				24061963-011						
16	MW-304	WT	G							2		2						X	X	X	X	X				24061963-012						
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																		
BAL-24Q3 Rev 0		[Signature]		7-18		1630		Paul [Signature]		7/18		1630		10.7 y																		

PAJ 96651

PS 7119

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 Cole				
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 7-18-24				

LTG 9 on ice

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Page: 2 of 3

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/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)										Radium 226/228, only					
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605									Residual Chlorine (Y/N)	Project No / Lab I.D.
1	MW-350R		WT	G	7-18-24	1348		2								X		X	X											24061963-013			
2	MW-352		WT	G	7-18-24	1201		2								X		X	X											24061963-014			
3	MW-355		WT	G																X										N/A			
4	MW-356		WT	G	7-18-24	955		2								X		X												24061963-015			
5	MW-358		WT	G	7-18-24	1110		2								X	X	X	X											24061963-016			
6	MW-366		WT	G	7-18-24	1204		2									X		X											24061963-017			
7	MW-369		WT	G	7-18-24	956		2								X		X												24061963-018			
8	MW-370		WT	G	7-18-24	1051		2								X		X												24061963-019			
9	MW-375		WT	G	7-18-24	1323		2									X		X											24061963-020			
10	MW-377		WT	G	7-18-24	1441		2									X		X											24061963-021			
11	MW-382		WT	G	7-18-24	1204		2								X		X												24061963-022			
12	MW-383		WT	G				2									X		X											24061963-023			
13	MW-384		WT	G				2									X		X											24061963-024			
14	MW-390		WT	G				2									X		X											24061963-025			
15	MW-391		WT	G				2									X		X											24061963-026			
16	MW-392		WT	G				2								X		X												24061963-027			
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION								DATE	TIME	SAMPLE CONDITIONS														
BAL-24Q3 Rev 0							7-18	1630									7/18	1630	10.7 y														

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-18-24				

LTG 9 on ice

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiaston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiaston@vistracorp.com		Quote Reference:		Site Location	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		STATE: IL	
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:			

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOLID/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Radium 226/228, only	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Galt		DATE Signed (MM/DD/YY): 7-18-24	
SIGNATURE of SAMPLER: [Signature]			

LOG 9 on ice

ECM
7/19/24

24061963

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

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

Required Client Information:

Section B

Required Project Information:

Section C

Invoice information:

Attention:	Brian Voelker
Company Name:	Vistra Corp
Address:	see Section A
Quote	
Reference:	
Project	
Manager:	
Profile #:	

Page: 1 of 3

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 DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL QL WIPE WP AIR AR OTHER OR 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)								Radium 226/228, only					
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other:												Residual Chlorine (Y/N)	Project No./ Lab ID.
1	MW-104DR		WT	G										BAL-257-601						X				N/A						
2	MW-104SR		WT	G										BAL-257-605						X			N/A							
3	MW-150		WT	G			2		2					BAL-845-601	X		X		X				24061963-001							
4	MW-151		WT	G			2		2					BAL-845-605	X		X		X				24061963-002							
5	MW-152		WT	G			2		2					BAL-NE-605	X		X		X				24061963-003							
6	MW-153		WT	G			2		2					BAL-WPCP-605	X		X		X				24061963-004							
7	MW-154		WT	G	7-19-24	1001													X				N/A							
8	MW-155		WT	G															X				N/A							
9	MW-192		WT	G			2		2						X		X						24061963-005							
10	MW-193		WT	G			2		2						X		X						24061963-006							
11	MW-195		WT	G	7-19-24	0943			2		2							X					24061963-007							
12	MW-196		WT	G					2		2							X					24061963-008							
13	MW-197		WT	G	7-19-24	1024			2		2							X					24061963-009							
14	MW-252		WT	G			2		2						X		X		X				24061963-010							
15	MW-253R		WT	G			2		2						X		X		X				24061963-011							
16	MW-304		WT	G			2		2						X	X	X	X	X				24061963-012							
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																	
BAL-24Q3 Rev 0			B-S			7-18	1220	John Decker			7/19/24	1220	57	Y	Z															
													#5																	
SAMPLER NAME AND SIGNATURE													Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)														
PRINT Name of SAMPLER: Justin Cold																														
SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YYYY): 7-19-24																														

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:

Company: **Vistra Corp-Baldwin**
Address: **10901 Baldwin Road**
Baldwin, IL 62217
Email To: **Brian.Voelker@VistraCorp.com**
Phone: **(217) 753-8911** Fax:
Requested Due Date/TAT: **10 day**

Section B Required Project Information:

Report To: **Brian Voelker**
Copy To: **Sam Davies: samantha.davies@vistracorp.com**
Kim Edmiaston
Purchase Order No.: **Kimberly.Edmiaston@vistracorp.com**
Project Name:
Project Number: **2285**

Section C Invoice Information:

Attention: **Brian Voelker**
Company Name: **Vistra Corp**
Address: **see Section A**
Quote Reference:
Project Manager:
Profile #:

Page: **2** of **3**

Section D Required Client Information				Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)												Radium 226/228, only										
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	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-NE-605	BAL-WPCP-605										
1	MW-350R	WT	G				2										X		X		X											24061963-013
2	MW-352	WT	G				2										X		X		X											24061963-014
3	MW-355	WT	G																		X											N/A
4	MW-356	WT	G				2										X		X													24061963-015
5	MW-358	WT	G				2										X	X	X	X												24061963-016
6	MW-366	WT	G				2											X		X												24061963-017
7	MW-369	WT	G				2										X		X													24061963-018
8	MW-370	WT	G				2										X		X													24061963-019
9	MW-375	WT	G				2											X		X												24061963-020
10	MW-377	WT	G				2											X		X												24061963-021
11	MW-382	WT	G				2										X		X													24061963-022
12	MW-383	WT	G				2											X		X												24061963-023
13	MW-384	WT	G				2											X		X												24061963-024
14	MW-390	WT	G				2											X		X												24061963-025
15	MW-391	WT	G	7-19-24	1105		2											X		X												24061963-026
18	MW-392	WT	G				2										X		X													24061963-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
BAL-24Q3 Rev 0	8-150	7-19	1220	Justin Cold	7/19/24	1200		Y		Z	

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 Cold				
SIGNATURE of SAMPLER:	Justin Cold	DATE Signed (MM/DD/YY):	7-19-24		

24061963

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 3	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 10901 Baldwin Road		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217		Kim Edmiston		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.: Kimberly.Edmiston@vistracorp.com		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number: 2285		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	DATE	TIME	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)												Radium 226/228, only
	SAMPLE ID (A-Z, 0-9 / .-) Sample IDs MUST BE UNIQUE	Drinking Water DW Water WT Waste Water WW Product P Solid/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS																					
1	MW-393	WT	G					2			X												24061963-027
2	MW-394	WT	G					2			X												24061963-28
3	OW-156	WT	G																				N/A
4	OW-157	WT	G																				N/A
5	OW-256	WT	G					2			X												24061963-30
6	OW-257	WT	G					2			X												24061963-31
7	PZ-170 PZ-176	WT	G	7-22	1012			2			X												24061963-32 043
8	PZ-182 PZ-176	WT	G	7-22	1056			2			X												24061963-33 042
9	TPZ-164	WT	G	7-22	1313			2			X												24061963-34
10	XPW01	WT	G	7-22	1203			2			X												24061963-35
11	XPW05	WT	G	7-22	1242			2			X												24061963-36
12	XPW06	WT	G	7-22	1127			2			X												24061963-37
13	Field Blank	WT	G					2			X	X	X	X	X	X							24061963-38
14	MW-304 Duplicate	WT	G					2			X	X	X	X	X								24061963-39
15	Equipment Blank 1	WT	G					2			X	X	X	X	X	X							24061963-40
16	PZ-178 0.0			7-22	1012																		24061963-45
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS												
BAL-24Q3 Rev 0			J. Colp		7-22	1450	Bamber Ouellet		7/22/24	1450	17.3	>											
											1005	Y											

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Colp		DATE Signed (MM/DD/YY): 7-22-24	
SIGNATURE of SAMPLER: [Signature]			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

pH ✓ 9.0651 um
7/22/24

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

Page: 1	of	3

$$= 22.3 \text{ kg}$$

PhV96651 No 7/23

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRNT Name of SAMPLER: Justin Gasp					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 7-23-24				

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:

Company: **Vistra Corp-Baldwin**
Address: **10901 Baldwin Road**
Baldwin, IL 62217
Email To: **Brian.Voelker@VistraCorp.com**
Phone: **(217) 753-8911** Fax:
Requested Due Date/TAT: **10 day**

Section B

Required Project Information:

Report To: **Brian Voelker**
Copy To: **Sam Davies; samantha.davies@vistracorp.com**
Kim Edmiaston
Purchase Order No.: **Kimberly.Edmiaston@vistracorp.com**
Project Name:
Project Number: **2285**

Section C

Invoice Information:

Attention: **Brian Voelker**
Company Name: **Vistra Corp**
Address: **see Section A**
Quote Reference:
Project Manager:
Profile #:

Page: **2** of **3**

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOL/SOLID SL OIL CL WIPE WP AIR AR OTHER OT TISSE 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)	Radium 226/228, only	Project No./ Lab I.D.							
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605														
1	MW-350R	WT	G				2		2									X		X												24061963-013					
2	MW-352	WT	G				2		2									X		X												24061963-014					
3	MW-355	WT	G		7-23-24	1153																										N/A					
4	MW-356	WT	G				2		2									X		X												24061963-015					
5	MW-358	WT	G				2		2									X	X	X	X											24061963-016					
6	MW-366	WT	G				2		2									X		X												24061963-017					
7	MW-369	WT	G				2		2									X		X												24061963-018					
8	MW-370	WT	G				2		2									X		X												24061963-019					
9	MW-375	WT	G				2		2										X		X											24061963-020					
10	MW-377	WT	G				2		2										X		X											24061963-021					
11	MW-382	WT	G				2		2									X		X												24061963-022					
12	MW-383	WT	G				2		2										X		X											24061963-023					
13	MW-384	WT	G				2		2										X	X	X											24061963-024					
14	MW-390	WT	G				2		2										X	X	X											24061963-025					
15	MW-391	WT	G				2		2										X	X	X											24061963-026					
16	MW-392	WT	G				2		2									X		X												24061963-027					
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																							
BAL-24Q3 Rev 0		V. Voelker		7/23/24		1324		S. Davies		7/23/24		1324		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 CAMP																																					
SIGNATURE of SAMPLER: [Signature]																DATE Signed (MM/DD/YY): 7-23-24																					

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:

Company: Vistra Corp-Baldwin
Address: 10901 Baldwin Road
Baldwin, IL 62217
Email To: Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911 Fax:
Requested Due Date/TAT: 10 day

Section B

Required Project Information:

Report To: Brian Voelker
Copy To: Sam Davies; samantha.davies@vistracorp.com
Kim Edmiaston
Purchase Order No.: Kimberly.Edmiaston@vistracorp.com
Project Name:
Project Number: 2285

Section C

Invoice Information:

Attention: Brian Voelker
Company Name: Vistra Corp
Address: see Section A
Quote Reference:
Project Manager:
Profile #:

Page: 3 of 3

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)												Radium 226/228, only											
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test												Residual Chlorine (Y/N)	Project No./ Lab I.D.		
																BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605										
1	MW-393	WT	G				2		2								X	X													24061963-027
2	MW-394	WT	G				2		2								X	X													24061963-28
3	OW-156	WT	G																												N/A
4	OW-157	WT	G																												N/A
5	OW-256	WT	G				2		2								X	X													24061963-30
6	OW-257	WT	G				2		2								X	X													24061963-31
7	PZ-170	WT	G				2		2								X	X													24061963-32
8	PZ-182	WT	G				2		2								X	X													24061963-33
9	TPZ-164	WT	G				2		2								X	X													24061963-34
10	XPW01	WT	G				2		2								X	X													24061963-35
11	XPW05	WT	G				2		2								X	X													24061963-36
12	XPW06	WT	G				2		2								X	X													24061963-37
13	Field Blank	WT	G	7-23-24	1704		2		2								X	X	X	X	X										24061963-38
14	MW-304 Duplicate	WT	G				2		2								X	X	X	X	X										24061963-39
15	Equipment Blank 1	WT	G	7-23-24	1211		2		2								X	X	X	X	X										24061963-40
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS									
BAL-24Q3 Rev 0	<i>[Signature]</i>	7/23/24	1724	<i>[Signature]</i>	7/23/24	1724										

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>Justin Col</i>				
SIGNATURE of SAMPLER:	<i>[Signature]</i>	DATE Signed (MM/DD/YY):	7-23-24		

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 8/26/2024 2:19:06 PM Revision 1

JOB DESCRIPTION

Radium-226 and Radium-228
24061963

JOB NUMBER

160-54800-1

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
8/26/2024 2:19:06 PM
Revision 1

Authorized for release by
Erika Jordan, Project Manager
erika.jordan@et.eurofinsus.com
(314)298-8566

Table of Contents

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Case Narrative	4
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QC Sample Results	40
QC Association Summary	44
Tracer Carrier Summary	47



Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Job ID: 160-54800-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-54800-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 24061963

Report Number: 160-54800-1 Revision 1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

All solid sample results for Chemistry analyses are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

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.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

The method blank (MB) z-score is within limits, unless stated otherwise below.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

Reference the chain of custody and receipt report for any variations on receipt conditions.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

Revision

The report being provided is a revision of the original report sent on 8/20/2024. The report (revision 1) is being revised in order to correct a collection time for sample 24061963-017 that was inaccurate on the original chain-of-custody (COC). Additionally, sample 24061963-007 was removed from the original report as requested. The email request is included with the revised report.

Receipt

The samples were received on 7/24/2024 12:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 4 coolers at receipt time were 21.6°C, 21.7°C, 21.9°C and 22.4°C.

There was a transcription error from the field to the Chain-of-Custody (CoC). 24061963-003 should be reported as collected at 1044, rather than 1046. The email will be included in the final report for documentation.

Eurofins St. Louis

Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Job ID: 160-54800-1

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-54800-1 (Continued)

Eurofins St. Louis

Method 903.0 - Radium-226 (GFPC)

Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Radium-226 (GFPC). The samples were prepared on 7/25/2024 and 7/26/2024 and analyzed on 8/16/2024 and 8/19/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method 904.0 - Radium-228 (GFPC)

Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Radium-228 (GFPC). The samples were prepared on 7/25/2024 and 7/26/2024 and analyzed on 8/5/2024 and 8/6/2024.

The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: 24061963-004 (160-54800-4) . Analytical results are reported with the detection limit achieved.

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24061963-022 (160-54800-22) and 24061963-033 (160-54800-33) . Analytical results are reported with the detection limit achieved.

The Radium-228 laboratory control sample(LCS) recovery associated with the following sample(s) is outside the upper QC limit, indicating a potential positive bias for that analyte. This analyte was not observed above the MDC/RL in the associated samples; therefore the sample data is not adversely affected by this excursion. The data have been reported with this narrative. 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Samples 24061963-001 (160-54800-1), 24061963-002 (160-54800-2), 24061963-003 (160-54800-3), 24061963-004 (160-54800-4), 24061963-005 (160-54800-5), 24061963-006 (160-54800-6), 24061963-008 (160-54800-8), 24061963-009 (160-54800-9), 24061963-010 (160-54800-10), 24061963-011 (160-54800-11), 24061963-012 (160-54800-12), 24061963-013 (160-54800-13), 24061963-014 (160-54800-14), 24061963-015 (160-54800-15), 24061963-016 (160-54800-16), 24061963-017 (160-54800-17), 24061963-018 (160-54800-18), 24061963-019 (160-54800-19), 24061963-020 (160-54800-20), 24061963-021 (160-54800-21), 24061963-022 (160-54800-22), 24061963-023 (160-54800-23), 24061963-024 (160-54800-24), 24061963-025 (160-54800-25), 24061963-026 (160-54800-26), 24061963-027 (160-54800-27), 24061963-028 (160-54800-28), 24061963-029 (160-54800-29), 24061963-030 (160-54800-30), 24061963-031 (160-54800-31), 24061963-032 (160-54800-32), 24061963-033 (160-54800-33), 24061963-034 (160-54800-34), 24061963-035 (160-54800-35), 24061963-036 (160-54800-36), 24061963-037 (160-54800-37), 24061963-038 (160-54800-38), 24061963-039 (160-54800-39), 24061963-040 (160-54800-40), 24061963-041 (160-54800-41), 24061963-042 (160-54800-42), 24061963-043 (160-54800-43) and 24061963-045 (160-54800-44) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 8/20/2024.

No analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins St. Louis

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Thursday, July 25, 2024 2:51 PM
To: Erika Jordan
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-54800-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Erika,

There was a transcription error from the field to the CoC. 24061963-003 should be reported as collected at 1044 rather than 1046. Please update the time prior to final reporting.

Thanks for your help.

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
www.teklabinc.com

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From: Erika Jordan <TALS@reports.et.eurofinsus.com>
Sent: Wednesday, July 24, 2024 3:31 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-54800-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the sample confirmation files for job 160-54800-1; Radium-226 and Radium-228

The samples were received on 7/24/2024 12:45 PM.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

Erika Jordan
Project Manager

Eurofins St. Louis

E-mail: erika.jordan@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-300574]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

pg 1 of 4

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: Teklab, Inc.	
Project# 24061963		Comments: Please Issue reports and invoices via email only			
		Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.			
		Method changes require Teklab authorization. Samples collected from an IL site.			
		Batch QC is required for all analyses requested. Vistra-EDD requested.			
Contact: Elizabeth Hurley		Email: EHurley@TekLabInc.com		Phone: (618) 344-1004 ext. 33	
Requested Due Date: Standard TAT		Billing/PO: 36676			

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
	24061963-001	7/18/24 1257	HNO3	Groundwater
	24061963-002	7/18/24 1332	HNO3	Groundwater
	24061963-003	7/18/24 1046	HNO3	Groundwater
	24061963-004	7/18/24 0836	HNO3	Groundwater
	24061963-005	7/17/24 1412	HNO3	Groundwater
	24061963-006	7/17/24 0826	HNO3	Groundwater
	24061963-007	7/19/24 0943	HNO3	Groundwater
	24061963-008	7/23/24 1034	HNO3	Groundwater
	24061963-009	7/19/24 1024	HNO3	Groundwater
	24061963-010	7/18/24 1118	HNO3	Groundwater
	24061963-011	7/18/24 0924	HNO3	Groundwater

Relinquished By	Date/Time	Received By	Date/Time
Amey Sivarajah	7/6/24 11:30	Amey	7/24/24 11:30
	7/24/24 12:00	Amey	7/24/24 12:45

160-54800 Chain of Custody

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 62234Cooler Temp: Sampler: Teklab, Inc.QC Level: 2

Project#

24061963

Contact:

Elizabeth Hurley

Email:

EHurley@TekLabInc.com

Requested Due Date:

Standard TAT

Billing/PO: 36676

Phone:

(618) 344-1004 ext. 33

Comments: **Please issue reports and invoices via email only**

Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.

Method changes require Teklab authorization. Samples collected from an IL site.

Batch QC is required for all analyses requested. Vistra-EDD requested.

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
	24061963-023	7/17/24 1115	HNO3	Groundwater
	24061963-024	7/17/24 1211	HNO3	Groundwater
	24061963-025	7/17/24 1332	HNO3	Groundwater
	24061963-026	7/19/24 1105	HNO3	Groundwater
	24061963-027	7/17/24 1323	HNO3	Groundwater
	24061963-028	7/17/24 0908	HNO3	Groundwater
	24061963-029	7/17/24 0954	HNO3	Groundwater
	24061963-030	7/17/24 1406	HNO3	Groundwater
	24061963-031	7/17/24 1033	HNO3	Groundwater
	24061963-032	7/17/24 1225	HNO3	Groundwater
	24061963-033	7/17/24 1138	HNO3	Groundwater

Ra226/228 ☒ Radium 226 ☒ Radium 228 ☒

*Relinquished By

Elizabeth Hurley

Date/Time

7/24/24 1130

Received By

Elizabeth Hurley

Date/Time

7/24/24 1130

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)

SubCocRevA
3/2/2016

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, August 26, 2024 12:40 PM
To: Erika Jordan
Subject: RE: Eurofins TestAmerica invoice, EDD and report files from 160-54800-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Erika,

May I request a revised report? Please correct 24061963-017 collection time from 1204 to 1206 to align with the field data file and to omit 24061963-007 (reporting for this well is on hold until further notice).

Thanks!

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
www.teklabinc.com

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From: Erika Jordan <TALS@reports.et.eurofinsus.com>
Sent: Tuesday, August 20, 2024 3:36 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica invoice, EDD and report files from 160-54800-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the invoice, EDD and report files for job 160-54800-1; Radium-226 and Radium-228

The samples were received on 7/24/2024 12:45 PM.

Please feel free to contact me if you have any questions.

Thank you and have a great day!

Erika Jordan
Project Manager

Eurofins St. Louis

E-mail: erika.jordan@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-303303]
Attachments: 4

> > Bank information has changed, please refer to remittance information on invoice. < <

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-54800-1

SDG Number: 24061963

Login Number: 54800

List Number: 1

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Job ID: 160-54800-1
SDG: 24061963

Qualifiers

Rad

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
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.
□	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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

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, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-54800-1
SDG: 24061963

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-54800-1	24061963-001	Water	07/18/24 12:57	07/24/24 12:45
160-54800-2	24061963-002	Water	07/18/24 13:32	07/24/24 12:45
160-54800-3	24061963-003	Water	07/18/24 10:44	07/24/24 12:45
160-54800-4	24061963-004	Water	07/18/24 08:36	07/24/24 12:45
160-54800-5	24061963-005	Water	07/17/24 14:12	07/24/24 12:45
160-54800-6	24061963-006	Water	07/17/24 08:26	07/24/24 12:45
160-54800-8	24061963-008	Water	07/23/24 10:34	07/24/24 12:45
160-54800-9	24061963-009	Water	07/19/24 10:24	07/24/24 12:45
160-54800-10	24061963-010	Water	07/18/24 11:18	07/24/24 12:45
160-54800-11	24061963-011	Water	07/18/24 09:24	07/24/24 12:45
160-54800-12	24061963-012	Water	07/17/24 10:20	07/24/24 12:45
160-54800-13	24061963-013	Water	07/18/24 13:48	07/24/24 12:45
160-54800-14	24061963-014	Water	07/18/24 12:01	07/24/24 12:45
160-54800-15	24061963-015	Water	07/18/24 09:55	07/24/24 12:45
160-54800-16	24061963-016	Water	07/18/24 11:10	07/24/24 12:45
160-54800-17	24061963-017	Water	07/18/24 12:06	07/24/24 12:45
160-54800-18	24061963-018	Water	07/18/24 09:56	07/24/24 12:45
160-54800-19	24061963-019	Water	07/18/24 10:51	07/24/24 12:45
160-54800-20	24061963-020	Water	07/18/24 13:23	07/24/24 12:45
160-54800-21	24061963-021	Water	07/18/24 14:41	07/24/24 12:45
160-54800-22	24061963-022	Water	07/18/24 12:04	07/24/24 12:45
160-54800-23	24061963-023	Water	07/17/24 11:15	07/24/24 12:45
160-54800-24	24061963-024	Water	07/17/24 12:11	07/24/24 12:45
160-54800-25	24061963-025	Water	07/17/24 13:32	07/24/24 12:45
160-54800-26	24061963-026	Water	07/19/24 11:05	07/24/24 12:45
160-54800-27	24061963-027	Water	07/17/24 13:23	07/24/24 12:45
160-54800-28	24061963-028	Water	07/17/24 09:08	07/24/24 12:45
160-54800-29	24061963-029	Water	07/17/24 09:54	07/24/24 12:45
160-54800-30	24061963-030	Water	07/17/24 14:06	07/24/24 12:45
160-54800-31	24061963-031	Water	07/17/24 10:33	07/24/24 12:45
160-54800-32	24061963-032	Water	07/17/24 12:25	07/24/24 12:45
160-54800-33	24061963-033	Water	07/17/24 11:38	07/24/24 12:45
160-54800-34	24061963-034	Water	07/22/24 13:13	07/24/24 12:45
160-54800-35	24061963-035	Water	07/22/24 12:03	07/24/24 12:45
160-54800-36	24061963-036	Water	07/22/24 12:42	07/24/24 12:45
160-54800-37	24061963-037	Water	07/22/24 11:27	07/24/24 12:45
160-54800-38	24061963-038	Water	07/23/24 12:04	07/24/24 12:45
160-54800-39	24061963-039	Water	07/17/24 10:20	07/24/24 12:45
160-54800-40	24061963-040	Water	07/23/24 12:11	07/24/24 12:45
160-54800-41	24061963-041	Water	07/18/24 15:01	07/24/24 12:45
160-54800-42	24061963-042	Water	07/22/24 10:56	07/24/24 12:45
160-54800-43	24061963-043	Water	07/22/24 10:12	07/24/24 12:45
160-54800-44	24061963-045	Water	07/22/24 10:12	07/24/24 12:45

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-001

Lab Sample ID: 160-54800-1

Date Collected: 07/18/24 12:57

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0216	U	0.0643	0.0643	1.00	0.120	pCi/L	07/25/24 08:14	08/16/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					07/25/24 08:14	08/16/24 07:45	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	0.00682	U	0.312	0.312	1.00	0.581	pCi/L	07/25/24 08:17	08/05/24 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					07/25/24 08:17	08/05/24 11:42	1
Y Carrier	82.2		30 - 110					07/25/24 08:17	08/05/24 11:42	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	0.0284	U	0.319	0.319	5.00	0.581	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-002

Lab Sample ID: 160-54800-2

Date Collected: 07/18/24 13:32

Matrix: Water

Date Received: 07/24/24 12:45

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	0.177		0.0832	0.0847	1.00	0.0932	pCi/L	07/25/24 08:14	08/16/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					07/25/24 08:14	08/16/24 07:45	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		0.362	0.368	1.00	0.500	pCi/L	07/25/24 08:17	08/05/24 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					07/25/24 08:17	08/05/24 11:42	1
Y Carrier	76.3		30 - 110					07/25/24 08:17	08/05/24 11:42	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		0.371	0.378	5.00	0.500	pCi/L		08/20/24 10:30	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-003

Lab Sample ID: 160-54800-3

Date Collected: 07/18/24 10:44

Matrix: Water

Date Received: 07/24/24 12:45

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	-0.0307	U	0.0635	0.0636	1.00	0.138	pCi/L	07/25/24 08:14	08/16/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					07/25/24 08:14	08/16/24 07:45	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	0.508	U	0.372	0.374	1.00	0.562	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	79.6		30 - 110					07/25/24 08:17	08/05/24 11:43	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	0.508	U	0.377	0.379	5.00	0.562	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-004

Lab Sample ID: 160-54800-4

Date Collected: 07/18/24 08:36

Matrix: Water

Date Received: 07/24/24 12:45

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	U	0.113	0.114	1.00	0.156	pCi/L	07/25/24 08:14	08/16/24 09:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.3		30 - 110					07/25/24 08:14	08/16/24 09:35	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	1.20	G	0.750	0.758	1.00	1.10	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.3		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	77.4		30 - 110					07/25/24 08:17	08/05/24 11:43	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	1.35		0.758	0.767	5.00	1.10	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-005

Lab Sample ID: 160-54800-5

Date Collected: 07/17/24 14:12

Matrix: Water

Date Received: 07/24/24 12:45

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	0.199		0.0968	0.0985	1.00	0.123	pCi/L	07/25/24 08:14	08/16/24 09:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					07/25/24 08:14	08/16/24 09:35	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	0.266	U	0.357	0.358	1.00	0.597	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	82.2		30 - 110					07/25/24 08:17	08/05/24 11:43	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	0.465	U	0.370	0.371	5.00	0.597	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-006

Lab Sample ID: 160-54800-6

Date Collected: 07/17/24 08:26

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0757	U	0.0671	0.0675	1.00	0.102	pCi/L	07/25/24 08:14	08/16/24 09:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.3		30 - 110					07/25/24 08:14	08/16/24 09:35	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	0.608		0.387	0.391	1.00	0.571	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.3		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	77.0		30 - 110					07/25/24 08:17	08/05/24 11:43	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	0.684		0.393	0.397	5.00	0.571	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-008

Lab Sample ID: 160-54800-8

Date Collected: 07/23/24 10:34

Matrix: Water

Date Received: 07/24/24 12:45

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	0.133		0.0951	0.0958	1.00	0.132	pCi/L	07/25/24 08:14	08/16/24 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					07/25/24 08:14	08/16/24 09:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.134	U	0.457	0.457	1.00	0.815	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	79.3		30 - 110					07/25/24 08:17	08/05/24 11:43	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	0.267	U	0.467	0.467	5.00	0.815	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-009

Lab Sample ID: 160-54800-9

Date Collected: 07/19/24 10:24

Matrix: Water

Date Received: 07/24/24 12:45

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	0.145		0.0777	0.0788	1.00	0.0941	pCi/L	07/25/24 08:14	08/16/24 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					07/25/24 08:14	08/16/24 09:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.390	U	0.330	0.332	1.00	0.513	pCi/L	07/25/24 08:17	08/05/24 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					07/25/24 08:17	08/05/24 11:43	1
Y Carrier	80.0		30 - 110					07/25/24 08:17	08/05/24 11:43	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	0.535		0.339	0.341	5.00	0.513	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-010

Lab Sample ID: 160-54800-10

Date Collected: 07/18/24 11:18

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0865	U	0.0669	0.0673	1.00	0.0944	pCi/L	07/25/24 08:14	08/16/24 09:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					07/25/24 08:14	08/16/24 09:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.470	U	0.388	0.390	1.00	0.605	pCi/L	07/25/24 08:17	08/05/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					07/25/24 08:17	08/05/24 11:44	1
Y Carrier	77.8		30 - 110					07/25/24 08:17	08/05/24 11:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.557	U	0.394	0.396	5.00	0.605	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-011

Lab Sample ID: 160-54800-11

Date Collected: 07/18/24 09:24

Matrix: Water

Date Received: 07/24/24 12:45

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	0.252		0.0974	0.100	1.00	0.0954	pCi/L	07/25/24 08:14	08/16/24 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/25/24 08:14	08/16/24 09:40	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	0.870		0.426	0.434	1.00	0.586	pCi/L	07/25/24 08:17	08/05/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					07/25/24 08:17	08/05/24 11:44	1
Y Carrier	80.4		30 - 110					07/25/24 08:17	08/05/24 11:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.12		0.437	0.445	5.00	0.586	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-012

Lab Sample ID: 160-54800-12

Date Collected: 07/17/24 10:20

Matrix: Water

Date Received: 07/24/24 12:45

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		0.0693	0.0702	1.00	0.0788	pCi/L	07/25/24 08:14	08/16/24 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					07/25/24 08:14	08/16/24 09:40	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	0.375	U	0.363	0.365	1.00	0.582	pCi/L	07/25/24 08:17	08/05/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					07/25/24 08:17	08/05/24 11:44	1
Y Carrier	80.7		30 - 110					07/25/24 08:17	08/05/24 11:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.499	U	0.370	0.372	5.00	0.582	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-013

Lab Sample ID: 160-54800-13

Date Collected: 07/18/24 13:48

Matrix: Water

Date Received: 07/24/24 12:45

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	0.113		0.0669	0.0676	1.00	0.0800	pCi/L	07/25/24 08:14	08/16/24 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.1		30 - 110					07/25/24 08:14	08/16/24 09:40	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	0.226	U	0.317	0.318	1.00	0.534	pCi/L	07/25/24 08:17	08/05/24 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.1		30 - 110					07/25/24 08:17	08/05/24 11:44	1
Y Carrier	78.5		30 - 110					07/25/24 08:17	08/05/24 11:44	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.340	U	0.324	0.325	5.00	0.534	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-014

Lab Sample ID: 160-54800-14

Date Collected: 07/18/24 12:01

Matrix: Water

Date Received: 07/24/24 12:45

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	0.382		0.122	0.126	1.00	0.104	pCi/L	07/25/24 08:14	08/16/24 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					07/25/24 08:14	08/16/24 09:40	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	0.496	U	0.419	0.422	1.00	0.654	pCi/L	07/25/24 08:17	08/05/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.7		30 - 110					07/25/24 08:17	08/05/24 12:04	1
Y Carrier	79.3		30 - 110					07/25/24 08:17	08/05/24 12:04	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	0.878		0.436	0.440	5.00	0.654	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-015

Lab Sample ID: 160-54800-15

Date Collected: 07/18/24 09:55

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0734	U	0.0719	0.0722	1.00	0.113	pCi/L	07/25/24 08:14	08/16/24 09:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					07/25/24 08:14	08/16/24 09:40	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	0.617		0.371	0.375	1.00	0.538	pCi/L	07/25/24 08:17	08/05/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					07/25/24 08:17	08/05/24 12:04	1
Y Carrier	81.5		30 - 110					07/25/24 08:17	08/05/24 12:04	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	0.691		0.378	0.382	5.00	0.538	pCi/L		08/20/24 10:30	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-016

Lab Sample ID: 160-54800-16

Date Collected: 07/18/24 11:10

Matrix: Water

Date Received: 07/24/24 12:45

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	0.329		0.108	0.112	1.00	0.0960	pCi/L	07/25/24 08:14	08/16/24 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					07/25/24 08:14	08/16/24 09:42	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	-0.244	U	0.271	0.272	1.00	0.589	pCi/L	07/25/24 08:17	08/05/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					07/25/24 08:17	08/05/24 12:04	1
Y Carrier	79.6		30 - 110					07/25/24 08:17	08/05/24 12:04	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	0.329	U	0.292	0.294	5.00	0.589	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-017

Lab Sample ID: 160-54800-17

Date Collected: 07/18/24 12:06

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0582	U	0.0713	0.0715	1.00	0.118	pCi/L	07/25/24 08:14	08/16/24 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					07/25/24 08:14	08/16/24 09:42	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	0.0982	U	0.308	0.308	1.00	0.553	pCi/L	07/25/24 08:17	08/05/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					07/25/24 08:17	08/05/24 12:04	1
Y Carrier	81.9		30 - 110					07/25/24 08:17	08/05/24 12:04	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	0.156	U	0.316	0.316	5.00	0.553	pCi/L		08/20/24 10:30	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-018

Lab Sample ID: 160-54800-18

Date Collected: 07/18/24 09:56

Matrix: Water

Date Received: 07/24/24 12:45

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	0.414		0.133	0.138	1.00	0.133	pCi/L	07/25/24 08:14	08/16/24 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					07/25/24 08:14	08/16/24 09:42	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	0.721		0.464	0.469	1.00	0.692	pCi/L	07/25/24 08:17	08/05/24 12:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					07/25/24 08:17	08/05/24 12:04	1
Y Carrier	79.3		30 - 110					07/25/24 08:17	08/05/24 12:04	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		0.483	0.489	5.00	0.692	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-019

Lab Sample ID: 160-54800-19

Date Collected: 07/18/24 10:51

Matrix: Water

Date Received: 07/24/24 12:45

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	0.439		0.133	0.139	1.00	0.131	pCi/L	07/25/24 08:14	08/16/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.3		30 - 110					07/25/24 08:14	08/16/24 07:45	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	0.318	U	0.341	0.342	1.00	0.555	pCi/L	07/25/24 08:17	08/05/24 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.3		30 - 110					07/25/24 08:17	08/05/24 11:42	1
Y Carrier	81.5		30 - 110					07/25/24 08:17	08/05/24 11:42	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	0.757		0.366	0.369	5.00	0.555	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-020

Lab Sample ID: 160-54800-20

Date Collected: 07/18/24 13:23

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0743	U	0.0651	0.0655	1.00	0.0963	pCi/L	07/25/24 08:20	08/16/24 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					07/25/24 08:20	08/16/24 14:07	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	0.174	U	0.315	0.315	1.00	0.546	pCi/L	07/25/24 08:23	08/05/24 11:15	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					07/25/24 08:23	08/05/24 11:15	1
Y Carrier	74.0		30 - 110					07/25/24 08:23	08/05/24 11:15	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	0.248	U	0.322	0.322	5.00	0.546	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-021

Lab Sample ID: 160-54800-21

Date Collected: 07/18/24 14:41

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0865		0.0617	0.0622	1.00	0.0814	pCi/L	07/25/24 08:20	08/16/24 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					07/25/24 08:20	08/16/24 14:07	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	0.275	U	0.375	0.376	1.00	0.628	pCi/L	07/25/24 08:23	08/05/24 11:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					07/25/24 08:23	08/05/24 11:37	1
Y Carrier	77.8		30 - 110					07/25/24 08:23	08/05/24 11:37	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	0.362	U	0.380	0.381	5.00	0.628	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-022

Lab Sample ID: 160-54800-22

Date Collected: 07/18/24 12:04

Matrix: Water

Date Received: 07/24/24 12:45

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	0.324		0.169	0.172	1.00	0.199	pCi/L	07/25/24 08:20	08/16/24 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					07/25/24 08:20	08/16/24 14:07	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	1.50	G	0.935	0.945	1.00	1.40	pCi/L	07/25/24 08:23	08/05/24 11:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					07/25/24 08:23	08/05/24 11:37	1
Y Carrier	79.6		30 - 110					07/25/24 08:23	08/05/24 11:37	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	1.83		0.950	0.961	5.00	1.40	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-023

Lab Sample ID: 160-54800-23

Date Collected: 07/17/24 11:15

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0437	U	0.0736	0.0737	1.00	0.128	pCi/L	07/25/24 08:20	08/16/24 14:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/25/24 08:20	08/16/24 14:07	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	0.131	U	0.385	0.386	1.00	0.684	pCi/L	07/25/24 08:23	08/05/24 11:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					07/25/24 08:23	08/05/24 11:37	1
Y Carrier	78.9		30 - 110					07/25/24 08:23	08/05/24 11:37	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	0.174	U	0.392	0.393	5.00	0.684	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-024

Lab Sample ID: 160-54800-24

Date Collected: 07/17/24 12:11

Matrix: Water

Date Received: 07/24/24 12:45

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	0.113	U	0.0854	0.0860	1.00	0.125	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					07/25/24 08:20	08/16/24 14:10	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	0.555		0.373	0.377	1.00	0.555	pCi/L	07/25/24 08:23	08/05/24 11:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					07/25/24 08:23	08/05/24 11:37	1
Y Carrier	80.4		30 - 110					07/25/24 08:23	08/05/24 11:37	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	0.668		0.383	0.387	5.00	0.555	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-025

Lab Sample ID: 160-54800-25

Date Collected: 07/17/24 13:32

Matrix: Water

Date Received: 07/24/24 12:45

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	0.203		0.0894	0.0913	1.00	0.0970	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					07/25/24 08:20	08/16/24 14:10	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	0.171	U	0.335	0.336	1.00	0.580	pCi/L	07/25/24 08:23	08/05/24 11:37	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					07/25/24 08:23	08/05/24 11:37	1
Y Carrier	83.0		30 - 110					07/25/24 08:23	08/05/24 11:37	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	0.375	U	0.347	0.348	5.00	0.580	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-026

Lab Sample ID: 160-54800-26

Date Collected: 07/19/24 11:05

Matrix: Water

Date Received: 07/24/24 12:45

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	0.242		0.0988	0.101	1.00	0.103	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					07/25/24 08:20	08/16/24 14:10	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	-0.0489	U	0.325	0.325	1.00	0.620	pCi/L	07/25/24 08:23	08/05/24 11:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					07/25/24 08:23	08/05/24 11:38	1
Y Carrier	81.1		30 - 110					07/25/24 08:23	08/05/24 11:38	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	0.242	U	0.340	0.340	5.00	0.620	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-027

Lab Sample ID: 160-54800-27

Date Collected: 07/17/24 13:23

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0635	0.0639	1.00	0.0896	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					07/25/24 08:20	08/16/24 14:10	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	0.279	0.280	1.00	0.450	pCi/L	07/25/24 08:23	08/05/24 11:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					07/25/24 08:23	08/05/24 11:38	1
Y Carrier	84.1		30 - 110					07/25/24 08:23	08/05/24 11:38	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	0.350	U	0.286	0.287	5.00	0.450	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-028

Lab Sample ID: 160-54800-28

Date Collected: 07/17/24 09:08

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0632	U	0.0597	0.0600	1.00	0.0909	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					07/25/24 08:20	08/16/24 14:10	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	0.209	U	0.293	0.293	1.00	0.493	pCi/L	07/25/24 08:23	08/05/24 11:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					07/25/24 08:23	08/05/24 11:38	1
Y Carrier	81.9		30 - 110					07/25/24 08:23	08/05/24 11:38	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	0.272	U	0.299	0.299	5.00	0.493	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-029

Lab Sample ID: 160-54800-29

Date Collected: 07/17/24 09:54

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0243	U	0.0686	0.0686	1.00	0.126	pCi/L	07/25/24 08:20	08/16/24 14:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					07/25/24 08:20	08/16/24 14:10	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	-0.101	U	0.283	0.283	1.00	0.551	pCi/L	07/25/24 08:23	08/05/24 11:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					07/25/24 08:23	08/05/24 11:34	1
Y Carrier	80.7		30 - 110					07/25/24 08:23	08/05/24 11:34	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	0.0243	U	0.291	0.291	5.00	0.551	pCi/L		08/20/24 10:30	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-030

Lab Sample ID: 160-54800-30

Date Collected: 07/17/24 14:06

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0455	U	0.0707	0.0708	1.00	0.122	pCi/L	07/25/24 08:20	08/16/24 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					07/25/24 08:20	08/16/24 14:09	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	0.282	U	0.335	0.336	1.00	0.553	pCi/L	07/25/24 08:23	08/05/24 11:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					07/25/24 08:23	08/05/24 11:34	1
Y Carrier	80.7		30 - 110					07/25/24 08:23	08/05/24 11:34	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	0.328	U	0.342	0.343	5.00	0.553	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-031

Lab Sample ID: 160-54800-31

Date Collected: 07/17/24 10:33

Matrix: Water

Date Received: 07/24/24 12:45

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	0.458		0.120	0.127	1.00	0.0915	pCi/L	07/25/24 08:20	08/16/24 14:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110					07/25/24 08:20	08/16/24 14:09	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	0.512	U	0.347	0.350	1.00	0.517	pCi/L	07/25/24 08:23	08/05/24 11:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.0		30 - 110					07/25/24 08:23	08/05/24 11:35	1
Y Carrier	77.0		30 - 110					07/25/24 08:23	08/05/24 11:35	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	0.969		0.367	0.372	5.00	0.517	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-032

Lab Sample ID: 160-54800-32

Date Collected: 07/17/24 12:25

Matrix: Water

Date Received: 07/24/24 12:45

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		0.0912	0.0927	1.00	0.112	pCi/L	07/25/24 08:20	08/16/24 14:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					07/25/24 08:20	08/16/24 14:12	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	0.0365	U	0.310	0.310	1.00	0.573	pCi/L	07/25/24 08:23	08/05/24 11:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					07/25/24 08:23	08/05/24 11:35	1
Y Carrier	76.3		30 - 110					07/25/24 08:23	08/05/24 11:35	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	0.223	U	0.323	0.324	5.00	0.573	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-033

Lab Sample ID: 160-54800-33

Date Collected: 07/17/24 11:38

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0885	U	0.149	0.149	1.00	0.260	pCi/L	07/25/24 08:20	08/16/24 14:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.2		30 - 110					07/25/24 08:20	08/16/24 14:12	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	0.923	U G	0.778	0.783	1.00	1.21	pCi/L	07/25/24 08:23	08/05/24 11:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.2		30 - 110					07/25/24 08:23	08/05/24 11:35	1
Y Carrier	81.9		30 - 110					07/25/24 08:23	08/05/24 11:35	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	1.01	U	0.792	0.797	5.00	1.21	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-034

Lab Sample ID: 160-54800-34

Date Collected: 07/22/24 13:13

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0684	U	0.0694	0.0697	1.00	0.109	pCi/L	07/25/24 08:20	08/16/24 14:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					07/25/24 08:20	08/16/24 14:12	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	0.331	U	0.330	0.332	1.00	0.531	pCi/L	07/25/24 08:23	08/05/24 11:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					07/25/24 08:23	08/05/24 11:35	1
Y Carrier	83.0		30 - 110					07/25/24 08:23	08/05/24 11:35	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	0.399	U	0.337	0.339	5.00	0.531	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-035

Lab Sample ID: 160-54800-35

Date Collected: 07/22/24 12:03

Matrix: Water

Date Received: 07/24/24 12:45

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	0.113		0.0739	0.0746	1.00	0.100	pCi/L	07/25/24 08:20	08/16/24 14:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					07/25/24 08:20	08/16/24 14:12	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	0.289	U	0.342	0.343	1.00	0.565	pCi/L	07/25/24 08:23	08/05/24 11:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					07/25/24 08:23	08/05/24 11:35	1
Y Carrier	83.7		30 - 110					07/25/24 08:23	08/05/24 11:35	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	0.402	U	0.350	0.351	5.00	0.565	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-036

Lab Sample ID: 160-54800-36

Date Collected: 07/22/24 12:42

Matrix: Water

Date Received: 07/24/24 12:45

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	0.339		0.106	0.111	1.00	0.0924	pCi/L	07/25/24 08:20	08/16/24 16:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					07/25/24 08:20	08/16/24 16:01	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	0.597		0.333	0.338	1.00	0.467	pCi/L	07/25/24 08:23	08/05/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					07/25/24 08:23	08/05/24 11:31	1
Y Carrier	81.5		30 - 110					07/25/24 08:23	08/05/24 11:31	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		0.349	0.356	5.00	0.467	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-037

Lab Sample ID: 160-54800-37

Date Collected: 07/22/24 11:27

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0907	U	0.0726	0.0731	1.00	0.105	pCi/L	07/25/24 08:20	08/16/24 16:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					07/25/24 08:20	08/16/24 16:01	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	0.410	U	0.344	0.346	1.00	0.533	pCi/L	07/25/24 08:23	08/05/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					07/25/24 08:23	08/05/24 11:31	1
Y Carrier	81.1		30 - 110					07/25/24 08:23	08/05/24 11:31	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	0.501	U	0.352	0.354	5.00	0.533	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-038

Lab Sample ID: 160-54800-38

Date Collected: 07/23/24 12:04

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0474	U	0.0555	0.0556	1.00	0.0898	pCi/L	07/25/24 08:20	08/16/24 16:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					07/25/24 08:20	08/16/24 16:01	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	0.0324	U	0.263	0.263	1.00	0.489	pCi/L	07/25/24 08:23	08/05/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					07/25/24 08:23	08/05/24 11:31	1
Y Carrier	82.2		30 - 110					07/25/24 08:23	08/05/24 11:31	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	0.0798	U	0.269	0.269	5.00	0.489	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-039

Lab Sample ID: 160-54800-39

Date Collected: 07/17/24 10:20

Matrix: Water

Date Received: 07/24/24 12:45

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	0.140		0.0756	0.0766	1.00	0.0915	pCi/L	07/25/24 08:20	08/16/24 16:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					07/25/24 08:20	08/16/24 16:01	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	0.443	U	0.324	0.326	1.00	0.491	pCi/L	07/25/24 08:23	08/05/24 11:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.8		30 - 110					07/25/24 08:23	08/05/24 11:31	1
Y Carrier	83.7		30 - 110					07/25/24 08:23	08/05/24 11:31	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	0.583		0.333	0.335	5.00	0.491	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-040

Lab Sample ID: 160-54800-40

Date Collected: 07/23/24 12:11

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0854	U	0.0683	0.0687	1.00	0.0990	pCi/L	07/26/24 08:38	08/19/24 08:29	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					07/26/24 08:38	08/19/24 08:29	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	0.0738	U *	0.344	0.344	1.00	0.627	pCi/L	07/26/24 08:44	08/06/24 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					07/26/24 08:44	08/06/24 12:42	1
Y Carrier	80.7		30 - 110					07/26/24 08:44	08/06/24 12:42	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.159	U	0.351	0.351	5.00	0.627	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-041

Lab Sample ID: 160-54800-41

Date Collected: 07/18/24 15:01

Matrix: Water

Date Received: 07/24/24 12:45

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	0.0553	U	0.0600	0.0602	1.00	0.0954	pCi/L	07/26/24 08:38	08/19/24 08:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					07/26/24 08:38	08/19/24 08:30	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	0.00784	U *	0.363	0.363	1.00	0.674	pCi/L	07/26/24 08:44	08/06/24 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					07/26/24 08:44	08/06/24 12:42	1
Y Carrier	80.4		30 - 110					07/26/24 08:44	08/06/24 12:42	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0631	U	0.368	0.368	5.00	0.674	pCi/L		08/20/24 10:30	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-042

Lab Sample ID: 160-54800-42

Date Collected: 07/22/24 10:56

Matrix: Water

Date Received: 07/24/24 12:45

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112		0.0716	0.0723	1.00	0.0933	pCi/L	07/26/24 08:38	08/19/24 08:34	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					07/26/24 08:38	08/19/24 08:34	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.413	U *	0.394	0.395	1.00	0.629	pCi/L	07/26/24 08:44	08/06/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					07/26/24 08:44	08/06/24 12:43	1
Y Carrier	81.5		30 - 110					07/26/24 08:44	08/06/24 12:43	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	0.525	U	0.400	0.402	5.00	0.629	pCi/L		08/20/24 10:30	1

Client Sample ID: 24061963-043

Lab Sample ID: 160-54800-43

Date Collected: 07/22/24 10:12

Matrix: Water

Date Received: 07/24/24 12:45

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	0.189		0.0941	0.0956	1.00	0.118	pCi/L	07/26/24 08:38	08/19/24 08:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					07/26/24 08:38	08/19/24 08:35	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	-0.164	U *	0.278	0.278	1.00	0.579	pCi/L	07/26/24 08:44	08/06/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					07/26/24 08:44	08/06/24 12:43	1
Y Carrier	79.3		30 - 110					07/26/24 08:44	08/06/24 12:43	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	0.189	U	0.293	0.294	5.00	0.579	pCi/L		08/20/24 10:30	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
Q45 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Client Sample ID: 24061963-045

Lab Sample ID: 160-54800-44

Date Collected: 07/22/24 10:12

Matrix: Water

Date Received: 07/24/24 12:45

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	0.225		0.0991	0.101	1.00	0.113	pCi/L	07/26/24 08:38	08/19/24 08:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					07/26/24 08:38	08/19/24 08:35	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	0.112	U *	0.392	0.392	1.00	0.701	pCi/L	07/26/24 08:44	08/06/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					07/26/24 08:44	08/06/24 12:43	1
Y Carrier	82.2		30 - 110					07/26/24 08:44	08/06/24 12:43	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	0.338	U	0.404	0.405	5.00	0.701	pCi/L		08/20/24 10:30	1

QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-672314/1-A
Matrix: Water
Analysis Batch: 675304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672314

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01236	U	0.0502	0.0502	1.00	0.0983	pCi/L	07/25/24 08:14	08/16/24 07:44	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					07/25/24 08:14	08/16/24 07:44	1

Lab Sample ID: LCS 160-672314/2-A
Matrix: Water
Analysis Batch: 675304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672314

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.487		0.995	1.00	0.0877	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	96.8		30 - 110							

Lab Sample ID: 160-54800-2 DU
Matrix: Water
Analysis Batch: 675304

Client Sample ID: 24061963-002
Prep Type: Total/NA
Prep Batch: 672314

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.177		0.1296		0.0799	1.00	0.105	pCi/L	0.29	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	92.3		30 - 110							

Lab Sample ID: MB 160-672316/1-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03511	U	0.0299	0.0301	1.00	0.0909	pCi/L	07/25/24 08:20	08/16/24 14:04	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.0		30 - 110					07/25/24 08:20	08/16/24 14:04	1

Lab Sample ID: LCS 160-672316/2-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672316

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.416		0.991	1.00	0.0898	pCi/L	98	75 - 125

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-672316/2-A
Matrix: Water
Analysis Batch: 675292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672316

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	93.1		30 - 110

Lab Sample ID: 160-54800-20 DU
Matrix: Water
Analysis Batch: 675292

Client Sample ID: 24061963-020
Prep Type: Total/NA
Prep Batch: 672316

Total											
Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Uncert. (2σ+/-)	RL	MDC	Unit		RER	Limit
Radium-226	0.0743	U	0.04394	U	0.0507	1.00	0.0804	pCi/L		0.26	1
DU DU											
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	87.3		30 - 110								

Lab Sample ID: MB 160-672514/1-A
Matrix: Water
Analysis Batch: 675559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672514

Count Total											
Analyte	MB Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
Radium-226	0.02840	U	0.0451	0.0452	1.00	0.0788	pCi/L	07/26/24 08:38	08/19/24 08:28	1	
MB MB											
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	95.0		30 - 110								
								Prepared	Analyzed	Dil Fac	
								07/26/24 08:38	08/19/24 08:28	1	

Lab Sample ID: LCS 160-672514/2-A
Matrix: Water
Analysis Batch: 675559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672514

Spike LCS LCS Total											
Analyte			Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits
Radium-226			9.58	9.384		0.976	1.00	0.0786	pCi/L	98	75 - 125
LCS LCS											
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	99.3		30 - 110								

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-672315/1-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672315

Count Total											
Analyte	MB Result	MB Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac	
Radium-228	0.2689	U	0.327	0.328	1.00	0.540	pCi/L	07/25/24 08:17	08/05/24 11:42	1	
MB MB											
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	91.6		30 - 110								
								Prepared	Analyzed	Dil Fac	
								07/25/24 08:17	08/05/24 11:42	1	

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-672315/1-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672315

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	80.4		30 - 110	07/25/24 08:17	08/05/24 11:42	1

Lab Sample ID: LCS 160-672315/2-A
Matrix: Water
Analysis Batch: 673675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672315

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.70	10.80		1.41	1.00	0.479	pCi/L	124	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	96.8		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: 160-54800-2 DU
Matrix: Water
Analysis Batch: 673675

Client Sample ID: 24061963-002
Prep Type: Total/NA
Prep Batch: 672315

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.666		0.1142	U	0.295	1.00	0.524	pCi/L	0.83	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	92.3		30 - 110							
Y Carrier	81.9		30 - 110							

Lab Sample ID: MB 160-672317/1-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672317

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4854		0.310	0.313	1.00	0.456	pCi/L	07/25/24 08:23	08/05/24 11:15	1
Carrier	MB %Yield	MB Qualifier	Limits							
Ba Carrier	96.0		30 - 110							
Y Carrier	85.6		30 - 110							

Lab Sample ID: LCS 160-672317/2-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672317

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.70	10.62		1.38	1.00	0.470	pCi/L	122	75 - 125

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QC Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-672317/2-A
Matrix: Water
Analysis Batch: 673678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672317

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	93.1		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 160-54800-20 DU
Matrix: Water
Analysis Batch: 673671

Client Sample ID: 24061963-020
Prep Type: Total/NA
Prep Batch: 672317

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.174	U	0.6953		0.419	1.00	0.603	pCi/L	0.71	1

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.3		30 - 110
Y Carrier	77.4		30 - 110

Lab Sample ID: MB 160-672518/1-A
Matrix: Water
Analysis Batch: 673927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 672518

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3331	U	0.336	0.338	1.00	0.541	pCi/L	07/26/24 08:44	08/06/24 12:42	1

	MB	MB						Prepared	Analyzed	Dil Fac
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	95.0		30 - 110					07/26/24 08:44	08/06/24 12:42	1
Y Carrier	84.5		30 - 110					07/26/24 08:44	08/06/24 12:42	1

Lab Sample ID: LCS 160-672518/2-A
Matrix: Water
Analysis Batch: 673927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 672518

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.70	11.36	*	1.49	1.00	0.582	pCi/L	131	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	99.3		30 - 110
Y Carrier	82.2		30 - 110

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-54800-1
SDG: 24061963

Rad

Prep Batch: 672314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-1	24061963-001	Total/NA	Water	PrecSep-21	
160-54800-2	24061963-002	Total/NA	Water	PrecSep-21	
160-54800-3	24061963-003	Total/NA	Water	PrecSep-21	
160-54800-4	24061963-004	Total/NA	Water	PrecSep-21	
160-54800-5	24061963-005	Total/NA	Water	PrecSep-21	
160-54800-6	24061963-006	Total/NA	Water	PrecSep-21	
160-54800-8	24061963-008	Total/NA	Water	PrecSep-21	
160-54800-9	24061963-009	Total/NA	Water	PrecSep-21	
160-54800-10	24061963-010	Total/NA	Water	PrecSep-21	
160-54800-11	24061963-011	Total/NA	Water	PrecSep-21	
160-54800-12	24061963-012	Total/NA	Water	PrecSep-21	
160-54800-13	24061963-013	Total/NA	Water	PrecSep-21	
160-54800-14	24061963-014	Total/NA	Water	PrecSep-21	
160-54800-15	24061963-015	Total/NA	Water	PrecSep-21	
160-54800-16	24061963-016	Total/NA	Water	PrecSep-21	
160-54800-17	24061963-017	Total/NA	Water	PrecSep-21	
160-54800-18	24061963-018	Total/NA	Water	PrecSep-21	
160-54800-19	24061963-019	Total/NA	Water	PrecSep-21	
MB 160-672314/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672314/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-54800-2 DU	24061963-002	Total/NA	Water	PrecSep-21	

Prep Batch: 672315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-1	24061963-001	Total/NA	Water	PrecSep_0	
160-54800-2	24061963-002	Total/NA	Water	PrecSep_0	
160-54800-3	24061963-003	Total/NA	Water	PrecSep_0	
160-54800-4	24061963-004	Total/NA	Water	PrecSep_0	
160-54800-5	24061963-005	Total/NA	Water	PrecSep_0	
160-54800-6	24061963-006	Total/NA	Water	PrecSep_0	
160-54800-8	24061963-008	Total/NA	Water	PrecSep_0	
160-54800-9	24061963-009	Total/NA	Water	PrecSep_0	
160-54800-10	24061963-010	Total/NA	Water	PrecSep_0	
160-54800-11	24061963-011	Total/NA	Water	PrecSep_0	
160-54800-12	24061963-012	Total/NA	Water	PrecSep_0	
160-54800-13	24061963-013	Total/NA	Water	PrecSep_0	
160-54800-14	24061963-014	Total/NA	Water	PrecSep_0	
160-54800-15	24061963-015	Total/NA	Water	PrecSep_0	
160-54800-16	24061963-016	Total/NA	Water	PrecSep_0	
160-54800-17	24061963-017	Total/NA	Water	PrecSep_0	
160-54800-18	24061963-018	Total/NA	Water	PrecSep_0	
160-54800-19	24061963-019	Total/NA	Water	PrecSep_0	
MB 160-672315/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672315/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-54800-2 DU	24061963-002	Total/NA	Water	PrecSep_0	

Prep Batch: 672316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-20	24061963-020	Total/NA	Water	PrecSep-21	
160-54800-21	24061963-021	Total/NA	Water	PrecSep-21	
160-54800-22	24061963-022	Total/NA	Water	PrecSep-21	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-54800-1
SDG: 24061963

Rad (Continued)

Prep Batch: 672316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-23	24061963-023	Total/NA	Water	PrecSep-21	
160-54800-24	24061963-024	Total/NA	Water	PrecSep-21	
160-54800-25	24061963-025	Total/NA	Water	PrecSep-21	
160-54800-26	24061963-026	Total/NA	Water	PrecSep-21	
160-54800-27	24061963-027	Total/NA	Water	PrecSep-21	
160-54800-28	24061963-028	Total/NA	Water	PrecSep-21	
160-54800-29	24061963-029	Total/NA	Water	PrecSep-21	
160-54800-30	24061963-030	Total/NA	Water	PrecSep-21	
160-54800-31	24061963-031	Total/NA	Water	PrecSep-21	
160-54800-32	24061963-032	Total/NA	Water	PrecSep-21	
160-54800-33	24061963-033	Total/NA	Water	PrecSep-21	
160-54800-34	24061963-034	Total/NA	Water	PrecSep-21	
160-54800-35	24061963-035	Total/NA	Water	PrecSep-21	
160-54800-36	24061963-036	Total/NA	Water	PrecSep-21	
160-54800-37	24061963-037	Total/NA	Water	PrecSep-21	
160-54800-38	24061963-038	Total/NA	Water	PrecSep-21	
160-54800-39	24061963-039	Total/NA	Water	PrecSep-21	
MB 160-672316/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672316/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-54800-20 DU	24061963-020	Total/NA	Water	PrecSep-21	

Prep Batch: 672317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-20	24061963-020	Total/NA	Water	PrecSep_0	
160-54800-21	24061963-021	Total/NA	Water	PrecSep_0	
160-54800-22	24061963-022	Total/NA	Water	PrecSep_0	
160-54800-23	24061963-023	Total/NA	Water	PrecSep_0	
160-54800-24	24061963-024	Total/NA	Water	PrecSep_0	
160-54800-25	24061963-025	Total/NA	Water	PrecSep_0	
160-54800-26	24061963-026	Total/NA	Water	PrecSep_0	
160-54800-27	24061963-027	Total/NA	Water	PrecSep_0	
160-54800-28	24061963-028	Total/NA	Water	PrecSep_0	
160-54800-29	24061963-029	Total/NA	Water	PrecSep_0	
160-54800-30	24061963-030	Total/NA	Water	PrecSep_0	
160-54800-31	24061963-031	Total/NA	Water	PrecSep_0	
160-54800-32	24061963-032	Total/NA	Water	PrecSep_0	
160-54800-33	24061963-033	Total/NA	Water	PrecSep_0	
160-54800-34	24061963-034	Total/NA	Water	PrecSep_0	
160-54800-35	24061963-035	Total/NA	Water	PrecSep_0	
160-54800-36	24061963-036	Total/NA	Water	PrecSep_0	
160-54800-37	24061963-037	Total/NA	Water	PrecSep_0	
160-54800-38	24061963-038	Total/NA	Water	PrecSep_0	
160-54800-39	24061963-039	Total/NA	Water	PrecSep_0	
MB 160-672317/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672317/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-54800-20 DU	24061963-020	Total/NA	Water	PrecSep_0	

Prep Batch: 672514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-40	24061963-040	Total/NA	Water	PrecSep-21	
160-54800-41	24061963-041	Total/NA	Water	PrecSep-21	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-54800-1
SDG: 24061963

Rad (Continued)

Prep Batch: 672514 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-42	24061963-042	Total/NA	Water	PrecSep-21	
160-54800-43	24061963-043	Total/NA	Water	PrecSep-21	
160-54800-44	24061963-045	Total/NA	Water	PrecSep-21	
MB 160-672514/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-672514/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 672518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-54800-40	24061963-040	Total/NA	Water	PrecSep_0	
160-54800-41	24061963-041	Total/NA	Water	PrecSep_0	
160-54800-42	24061963-042	Total/NA	Water	PrecSep_0	
160-54800-43	24061963-043	Total/NA	Water	PrecSep_0	
160-54800-44	24061963-045	Total/NA	Water	PrecSep_0	
MB 160-672518/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-672518/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-54800-1	24061963-001	92.1					
160-54800-2	24061963-002	93.5					
160-54800-2 DU	24061963-002	92.3					
160-54800-3	24061963-003	87.3					
160-54800-4	24061963-004	63.3					
160-54800-5	24061963-005	93.8					
160-54800-6	24061963-006	94.3					
160-54800-8	24061963-008	89.6					
160-54800-9	24061963-009	92.3					
160-54800-10	24061963-010	88.1					
160-54800-11	24061963-011	86.4					
160-54800-12	24061963-012	90.8					
160-54800-13	24061963-013	91.1					
160-54800-14	24061963-014	78.7					
160-54800-15	24061963-015	94.5					
160-54800-16	24061963-016	88.6					
160-54800-17	24061963-017	88.3					
160-54800-18	24061963-018	81.6					
160-54800-19	24061963-019	93.3					
160-54800-20	24061963-020	84.4					
160-54800-20 DU	24061963-020	87.3					
160-54800-21	24061963-021	89.1					
160-54800-22	24061963-022	82.6					
160-54800-23	24061963-023	83.6					
160-54800-24	24061963-024	87.3					
160-54800-25	24061963-025	91.3					
160-54800-26	24061963-026	85.4					
160-54800-27	24061963-027	94.0					
160-54800-28	24061963-028	97.0					
160-54800-29	24061963-029	97.0					
160-54800-30	24061963-030	89.8					
160-54800-31	24061963-031	95.0					
160-54800-32	24061963-032	89.3					
160-54800-33	24061963-033	75.2					
160-54800-34	24061963-034	89.6					
160-54800-35	24061963-035	92.3					
160-54800-36	24061963-036	94.5					
160-54800-37	24061963-037	83.9					
160-54800-38	24061963-038	95.8					
160-54800-39	24061963-039	95.8					
160-54800-40	24061963-040	86.6					
160-54800-41	24061963-041	87.1					
160-54800-42	24061963-042	88.1					
160-54800-43	24061963-043	91.6					
160-54800-44	24061963-045	84.1					
LCS 160-672314/2-A	Lab Control Sample	96.8					
LCS 160-672316/2-A	Lab Control Sample	93.1					
LCS 160-672514/2-A	Lab Control Sample	99.3					
MB 160-672314/1-A	Method Blank	91.6					

Eurofins St. Louis

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALEWIN POWER PLANT, BOTTOM ASH POND

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-54800-1
SDG: 24061963

Method: 903.0 - Radium-226 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba (30-110)					
MB 160-672316/1-A	Method Blank	96.0					
MB 160-672514/1-A	Method Blank	95.0					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)				
160-54800-1	24061963-001	92.1	82.2				
160-54800-2	24061963-002	93.5	76.3				
160-54800-2 DU	24061963-002	92.3	81.9				
160-54800-3	24061963-003	87.3	79.6				
160-54800-4	24061963-004	63.3	77.4				
160-54800-5	24061963-005	93.8	82.2				
160-54800-6	24061963-006	94.3	77.0				
160-54800-8	24061963-008	89.6	79.3				
160-54800-9	24061963-009	92.3	80.0				
160-54800-10	24061963-010	88.1	77.8				
160-54800-11	24061963-011	86.4	80.4				
160-54800-12	24061963-012	90.8	80.7				
160-54800-13	24061963-013	91.1	78.5				
160-54800-14	24061963-014	78.7	79.3				
160-54800-15	24061963-015	94.5	81.5				
160-54800-16	24061963-016	88.6	79.6				
160-54800-17	24061963-017	88.3	81.9				
160-54800-18	24061963-018	81.6	79.3				
160-54800-19	24061963-019	93.3	81.5				
160-54800-20	24061963-020	84.4	74.0				
160-54800-20 DU	24061963-020	87.3	77.4				
160-54800-21	24061963-021	89.1	77.8				
160-54800-22	24061963-022	82.6	79.6				
160-54800-23	24061963-023	83.6	78.9				
160-54800-24	24061963-024	87.3	80.4				
160-54800-25	24061963-025	91.3	83.0				
160-54800-26	24061963-026	85.4	81.1				
160-54800-27	24061963-027	94.0	84.1				
160-54800-28	24061963-028	97.0	81.9				
160-54800-29	24061963-029	97.0	80.7				
160-54800-30	24061963-030	89.8	80.7				
160-54800-31	24061963-031	95.0	77.0				
160-54800-32	24061963-032	89.3	76.3				
160-54800-33	24061963-033	75.2	81.9				
160-54800-34	24061963-034	89.6	83.0				
160-54800-35	24061963-035	92.3	83.7				
160-54800-36	24061963-036	94.5	81.5				
160-54800-37	24061963-037	83.9	81.1				
160-54800-38	24061963-038	95.8	82.2				

Eurofins St. Louis

Tracer/Carrier Summary

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
Lab ID: 160-54800-1
SDG: 24061963

Method: 904.0 - Radium-228 (GFPC) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-54800-39	24061963-039	95.8	83.7
160-54800-40	24061963-040	86.6	80.7
160-54800-41	24061963-041	87.1	80.4
160-54800-42	24061963-042	88.1	81.5
160-54800-43	24061963-043	91.6	79.3
160-54800-44	24061963-045	84.1	82.2
LCS 160-672315/2-A	Lab Control Sample	96.8	81.9
LCS 160-672317/2-A	Lab Control Sample	93.1	82.2
LCS 160-672518/2-A	Lab Control Sample	99.3	82.2
MB 160-672315/1-A	Method Blank	91.6	80.4
MB 160-672317/1-A	Method Blank	96.0	85.6
MB 160-672518/1-A	Method Blank	95.0	84.5

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

WO Sample	Well ID	Program/ Sample Type	Weather				Well Condition				
			Temp ("F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
001	MW-104DR	Groundwater Sample	77.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
002	MW-104SR	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
003	MW-150	Groundwater Sample	78.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
004	MW-151	Groundwater Sample	79.0	None	SW	Clear	Good	Good	Good	Yes	Yes
005	MW-152	Groundwater Sample	74.0	None	SW	Clear	Good	Good	Good	Yes	Yes
006	MW-153	Groundwater Sample	66.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
007	MW-154	Groundwater Sample	68.0	None	SW	Clear	Good	Good	Good	Yes	Yes
008	MW-155	Groundwater Sample	80.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
009	MW-192	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
010	MW-193	Groundwater Sample	74.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
011	MW-195	Groundwater Sample	70.0	None	S	Clear	Good	Good	Good	No	No
012	MW-196	Groundwater Sample	79.0	None	N	Cloudy	Good	Good	Good	No	No
013	MW-197	Groundwater Sample	71.0	None	S	Clear	Good	Good	Good	No	No
014	MW-252	Groundwater Sample	76.0	None	SW	Clear	Good	Good	Good	Yes	Yes
015	MW-253R	Groundwater Sample	69.0	None	S	Clear	Good	Good	Good	Yes	Yes
016	MW-304	Groundwater Sample	76.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
017	MW-350R	Groundwater Sample	79.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
018	MW-352	Groundwater Sample	77.0	None	SW	Clear	Good	Good	Good	Yes	Yes
019	MW-355	Groundwater Sample	82.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
020	MW-356	Groundwater Sample	71.0	None	SW	Clear	Good	Good	Good	Yes	Yes
021	MW-358	Groundwater Sample	72.0	None	SW	Clear	Good	Good	Good	Yes	Yes
022	MW-366	Groundwater Sample	76.0	None	SW	Clear	Good	Good	Good	Yes	Yes
023	MW-369	Groundwater Sample	73.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
024	MW-370	Groundwater Sample	73.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
025	MW-375	Groundwater Sample	74.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
026	MW-377	Groundwater Sample	76.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
027	MW-382	Groundwater Sample	74.0	None	SW	Partly cloudy	Good	Good	Good	Yes	Yes
028	MW-383	Groundwater Sample	79.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
029	MW-384	Groundwater Sample	81.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
030	MW-390	Groundwater Sample	84.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
031	MW-391	Groundwater Sample	78.0	None	SW	Clear	Good	Good	Good	Yes	Yes
032	MW-392	Groundwater Sample	78.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
033	MW-393	Groundwater Sample	76.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
034	MW-394	Groundwater Sample	77.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
035	OW-156	Stabilization Data Only	77.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
036	OW-157	Stabilization Data Only	78.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes



Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	Program/ Sample Type	Weather				Well Condition				
			Temp ("F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
037	OW-256	Groundwater Sample	84.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
038	OW-257	Groundwater Sample	79.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
039	PZ-170	Groundwater Sample	82.0	None	SE	Partly cloudy	Good	Good	Good	Yes	Yes
040	PZ-182	Groundwater Sample	80.0	None	SE	Cloudy	Good	Good	Good	Yes	Yes
041	TPZ-164	Groundwater Sample	81.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
042	XPW01	Groundwater Sample	79.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
043	XPW05	Groundwater Sample	80.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
044	XPW06	Groundwater Sample	78.0	None	S	Clear	Good	Good	Good	Yes	Yes
045	Field Blank	QA/QC Sample	79.0	None	N	Cloudy					
046	MW-304 Duplicate	QA/QC Sample	76.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
047	Equipment Blank 1	QA/QC Sample	79.0	None	N	Cloudy					
048	PZ-174	Groundwater Sample	80.0	None	SE	Clear	Good	Good	Good	Yes	Yes
049	PZ-176	Groundwater Sample	77.0	None	S	Clear	Good	Good	Good	Yes	Yes
050	PZ-178	Groundwater Sample	75.0	None	S	Clear	Good	Good	Good	Yes	Yes
052	PZ-178 Duplicate	Groundwater Sample	75.0	None	S	Clear	Good	Good	Good	Yes	Yes

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	GW Level Measurement				Purge Activities							
		Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
001	MW-104DR	TAC	7/17/24 10:24	8.10	31.50	TAC	7/17/2024	11:47	12:07	Dedicated Bladder Pump	2"	8.0	400.0
002	MW-104SR	TAC	7/17/24 12:17	8.49	18.00	TAC	7/17/2024	12:17	12:33	Dedicated Bladder Pump	2"	4.0	250.0
003	MW-150	JC	7/18/24 12:40	16.50	27.90	JC	7/18/2024	12:40	12:57	Dedicated Bladder Pump	2"	3.0	176.5
004	MW-151	BG	7/18/24 12:54	7.11	19.00	BG	7/18/2024	12:54	13:32	Dedicated Bladder Pump	2"	3.0	78.9
005	MW-152	BG	7/18/24 10:23	6.37	20.00	BG	7/18/2024	10:23	10:44	Dedicated Bladder Pump	2"	3.0	142.9
006	MW-153	JC	7/18/24 8:15	10.98	23.40	JC	7/18/2024	08:15	08:36	Dedicated Bladder Pump	2"	5.0	238.1
007	MW-154	bg	7/19/24 9:43	6.66	15.40	BG	7/19/2024	00:09	10:01	Peristaltic Pump	2"	1.5	2.5
008	MW-155	JC	7/23/24 11:11	17.86	23.40	JC	7/23/2024	11:12	11:28	Dedicated Bladder Pump	2"	3.0	187.5
009	MW-192	TAC	7/17/24 13:49	8.14	32.91	TAC	7/17/2024	13:51	14:12	Dedicated Bladder Pump	2"	4.5	214.3
010	MW-193	JC	7/17/24 7:59	9.19	35.54	JC	7/17/2024	08:00	08:26	Dedicated Bladder Pump	2"	5.0	192.3
011	MW-195	JC	7/19/24 9:10	37.39	52.62	JC	7/19/2024	09:17	09:43	Submersible Pump	2"	8.0	307.7
012	MW-196	JC	7/23/24 10:12	8.42	21.25	JC	7/23/2024	10:13	10:34	Peristaltic Pump	2"	6.0	285.7
013	MW-197	JC	7/19/24 9:57	4.56	20.66	JC	7/19/2024	09:59	10:24	Peristaltic Pump	2"	5.0	200.0
014	MW-252	BG	7/18/24 10:47	3.23	52.30	BG	7/18/2024	10:47	11:18	Peristaltic Pump	2"	5.0	161.3
015	MW-253R	JC	7/18/24 8:40	18.20	38.49	JC	7/18/2024	08:58	09:24	Dedicated Bladder Pump	2"	4.0	153.8
016	MW-304	TAC	7/17/24 9:56	9.01	57.50	TAC	7/17/2024	09:56	10:20	Dedicated Bladder Pump	2"	2.0	83.3
017	MW-350R	JC	7/18/24 12:59	25.98	50.16	JC	7/18/2024	13:24	13:48	Dedicated Bladder Pump	2"	3.5	145.8
018	MW-352	BG	7/18/24 11:23	2.62	75.70	BG	7/18/2024	11:23	12:01	Dedicated Bladder Pump	2"	4.5	118.4
019	MW-355	JC	7/23/24 11:27	20.15	35.40	JC	7/23/2024	11:35	11:53	Dedicated Bladder Pump	2"	3.0	166.7
020	MW-356	BG	7/18/24 9:19	4.98	68.40	BG	7/18/2024	09:19	09:55	Dedicated Bladder Pump	2"	4.0	111.1
021	MW-358	JC	7/18/24 10:03	2.16	92.14	JC	7/18/2024	10:05	11:10	Dedicated Bladder Pump	2"	12.0	184.6
022	MW-366	JC	7/18/24 11:50	13.52	54.50	JC	7/18/2024	11:50	12:06	Dedicated Bladder Pump	2"	3.0	187.5
023	MW-369	TAC	7/18/24 9:25	11.27	68.20	TAC	7/18/2024	09:31	09:56	Dedicated Bladder Pump	2"	4.6	184.0
024	MW-370	TAC	7/18/24 10:34	18.32	65.20	TAC	7/18/2024	10:34	10:51	Dedicated Bladder Pump	2"	3.0	176.5
025	MW-375	TAC	7/18/24 13:01	33.37	69.50	TAC	7/18/2024	13:01	13:23	Dedicated Bladder Pump	2"	3.0	136.4
026	MW-377	TAC	7/18/24 14:18	6.54	7.72	TAC	7/18/2024	14:18	14:41	Dedicated Bladder Pump	2"	4.5	195.7
027	MW-382	TAC	7/18/24 11:36	16.13	68.50	TAC	7/18/2024	11:36	12:04	Dedicated Bladder Pump	2"	4.5	160.7
028	MW-383	JC	7/17/24 10:23	36.09	70.30	JC	7/17/2024	10:25	11:15	Dedicated Bladder Pump	2"	9.0	180.0
029	MW-384	JC	7/17/24 11:49	23.40	72.70	JC	7/17/2024	11:50	12:11	Dedicated Bladder Pump	2"	3.5	166.7
030	MW-390	JC	7/17/24 13:04	12.53	67.10	JC	7/17/2024	13:05	13:32	Dedicated Bladder Pump	2"	5.0	185.2
031	MW-391	BG	7/19/24 10:39	66.31	72.40	BG	7/19/2024	10:39	11:05	Dedicated Bladder Pump	2"	1.5	57.7
032	MW-392	TAC	7/17/24 12:59	8.79	86.96	TAC	7/17/2024	13:00	13:23	Dedicated Bladder Pump	2"	4.0	173.9
033	MW-393	JC	7/17/24 8:43	8.20	88.27	JC	7/17/2024	08:52	09:08	Dedicated Bladder Pump	2"	3.0	187.5
034	MW-394	JC	7/17/24 9:40	10.52	85.78	JC	7/17/2024	09:40	09:54	Dedicated Bladder Pump	2"	3.0	214.3
035	OW-156	BG	7/17/24 9:27	6.31	20.40	BG	7/17/2024	09:27	09:31	Bailer	2"	2.0	500.0
036	OW-157	BG	7/17/24 9:47	7.88	20.40	BG	7/17/2024	09:47	09:55	Bailer	2"	2.0	250.0

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	GW Level Measurement				Purge Activities							
		Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Actual Volume Purged (L)	Purge Rate (mL/min)
037	OW-256	BG	7/17/24 13:43	7.62	35.60	BG	7/17/2024	13:43	14:06	Peristaltic Pump	2"	3.0	130.4
038	OW-257	BG	7/17/24 10:05	6.24	41.90	BG	7/17/2024	10:05	10:33	Peristaltic Pump	2"	5.0	178.6
039	PZ-170	BG	7/17/24 12:00	15.18	34.00	BG	7/17/2024	12:00	12:25	Peristaltic Pump	2"	3.0	120.0
040	PZ-182	BG	7/17/24 10:52	16.73	37.10	BG	7/17/2024	10:52	11:38	Peristaltic Pump	2"	2.0	43.5
041	TPZ-164	JC	7/22/24 12:56	4.31	12.90	JC	7/22/2024	12:57	13:13	Peristaltic Pump	2"	3.0	187.5
042	XPW01	JC	7/22/24 11:44	6.57	14.53	JC	7/22/2024	11:44	12:03	Dedicated Bladder Pump	2"	3.0	157.9
043	XPW05	JC	7/22/24 12:23	5.15	31.15	JC	7/22/2024	12:23	12:42	Dedicated Bladder Pump	2"	3.5	184.2
044	XPW06	JC	7/22/24 11:14	2.47	9.66	JC	7/22/2024	11:15	11:27	Dedicated Bladder Pump	2"	2.5	208.3
045	Field Blank	-	-	-	-	-	-	-	-			-	-
046	MW-304 Duplicate	TAC	7/17/24 9:56	9.01	57.50	TAC	7/17/2024	09:56	10:20	Dedicated Bladder Pump	2"	2.0	83.3
047	Equipment Blank 1	-	-	-	-	-	-	-	-			-	-
048	PZ-174	BG	7/18/24 14:28	7.24	27.84	BG	7/18/2024	14:28	15:01	Peristaltic Pump	2"	4.5	136.4
049	PZ-176	JC	7/22/24 10:35	11.45	31.43	JC	7/22/2024	10:38	10:56	Peristaltic Pump	2"	4.0	222.2
050	PZ-178	JC	7/22/24 9:52	6.34	45.71	JC	7/22/2024	09:56	10:12	Peristaltic Pump	2"	3.0	187.5
052	PZ-178 Duplicate	JC	7/22/24 9:52	6.34	45.71	JC	7/22/2024	09:56	10:12	Peristaltic Pump	2"	3.0	187.5

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-104DR	TAC	07/17/24	12:07	Low Flow	218083	Yes	Clear	None	None	8.72	0.62
002	MW-104SR	TAC	07/17/24	12:33	Low Flow	218083	Yes	Clear	None	None	10.35	1.86
003	MW-150	JC	07/18/24	12:57	Low Flow	51294	Yes	Clear	None	none	16.81	0.31
004	MW-151	BG	07/18/24	13:32	Low Flow	45720	Yes	Clear	None	CLEAR	9.76	2.65
005	MW-152	BG	07/18/24	10:44	Low Flow	45720	Yes	Clear	None	CLEAR	7.45	1.08
006	MW-153	JC	07/18/24	08:36	Low Flow	51294	Yes	Slightly cloudy	None	none	11.91	0.93
007	MW-154	BG	07/19/24	10:01	Low Flow	45720	Yes	Clear	None	CLEAR	7.56	0.9
008	MW-155	JC	07/23/24	11:28	Low Flow	51294	Yes	Clear	None	none	18.53	0.67
009	MW-192	TAC	07/17/24	14:12	Low Flow	218083	No	Clear	None	None	16.29	8.15
010	MW-193	JC	07/17/24	08:26	Low Flow	51294	No	Clear	None	none	9.20	0.01
011	MW-195	JC	07/19/24	09:43	Low Flow	51294	Yes	Clear	None	none	37.85	0.46
012	MW-196	JC	07/23/24	10:34	Low Flow	51294	Yes	Clear	None	none	13.08	4.66
013	MW-197	JC	07/19/24	10:24	Low Flow	51294	Yes	Clear	None	none	10.04	5.48
014	MW-252	BG	07/18/24	11:18	Low Flow	45720	Yes	Clear	None	CLEAR	3.98	0.75
015	MW-253R	JC	07/18/24	09:24	Low Flow	51294	Yes	Clear	None	none	22.68	4.48
016	MW-304	TAC	07/17/24	10:20	Low Flow	218083	Yes	Clear	None	None	11.91	2.9
017	MW-350R	JC	07/18/24	13:48	Low Flow	51294	Yes	Clear	None	none	29.35	3.37
018	MW-352	BG	07/18/24	12:01	Low Flow	45720	Yes	Clear	None	CLEAR	3.21	0.59
019	MW-355	JC	07/23/24	11:53	Low Flow	51294	Yes	Clear	None	none	20.20	0.05
020	MW-356	BG	07/18/24	09:55	Low Flow	45720	No	Clear	Moderate	CLEAR	5.31	0.33
021	MW-358	JC	07/18/24	11:10	Low Flow	51294	No	Clear	Slight	none	5.34	3.18
022	MW-366	JC	07/18/24	12:06	Low Flow	51294	No	Clear	None	none	16.14	2.62
023	MW-369	TAC	07/18/24	09:56	Low Flow	218083	No	Clear	Slight	None	16.77	5.5
024	MW-370	TAC	07/18/24	10:51	Low Flow	218083	No	Clear	None	None	22.59	4.27
025	MW-375	TAC	07/18/24	13:23	Low Flow	218083	No	Clear	None	None	37.64	4.27
026	MW-377	TAC	07/18/24	14:41	Low Flow	218083	No	Clear	None	None	11.51	4.97
027	MW-382	TAC	07/18/24	12:04	Low Flow	218083	No	Cloudy	None	None	22.08	5.95
028	MW-383	JC	07/17/24	11:15	Low Flow	51294	No	Clear	None	none	36.09	0
029	MW-384	JC	07/17/24	12:11	Low Flow	51294	No	Clear	None	none	23.40	23.4
030	MW-390	JC	07/17/24	13:32	Low Flow	51294	No	Clear	None	none	12.68	0.15
031	MW-391	BG	07/19/24	11:05	Low Flow	45720	Yes	Clear	None	cLEAR	67.21	0.9
032	MW-392	TAC	07/17/24	13:23	Low Flow	218083	No	Clear	None	None	14.45	5.66
033	MW-393	JC	07/17/24	09:08	Low Flow	51294	No	Clear	Slight	none	8.20	0
034	MW-394	JC	07/17/24	09:54	Low Flow	51294	No	Clear	Slight	none	10.87	0.35
035	OW-156	BG	07/17/24	09:31	Bailer Purge	45720	No	Clear	None	CLEAR	6.39	0.08
036	OW-157	BG	07/17/24	09:55	Bailer Purge	45720	No	Clear	None	clear	7.89	0.01

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
037	OW-256	BG	07/17/24	14:06	Low Flow	45720	No	Clear	None	CLEAR	8.36	0.74
038	OW-257	BG	07/17/24	10:33	Low Flow	45720	No	Clear	None	CLEAR	6.44	0.2
039	PZ-170	BG	07/17/24	12:25	Low Flow	45720	No	Clear	Moderate	CLEAR	16.05	0.87
040	PZ-182	BG	07/17/24	11:38	Low Flow	45720	No	Clear	Slight	CLRAR	17.12	0.39
041	TPZ-164	JC	07/22/24	13:13	Low Flow	51294	No	Clear	None	none	4.87	0.56
042	XPW01	JC	07/22/24	12:03	Low Flow	51294	No	Clear	None	none	9.58	3.01
043	XPW05	JC	07/22/24	12:42	Low Flow	51294	No	Clear	Slight	none	5.15	0
044	XPW06	JC	07/22/24	11:27	Low Flow	51294	No	Clear	None	none	2.87	0.4
045	Field Blank	JC	07/23/24	12:04		-	No	Clear	None	None	-	-
046	MW-304 Duplicate	TAC	07/17/24	10:20	Low Flow	218083	Yes	Clear	None	None	11.91	2.9
047	Equipment Blank 1	JC	07/23/24	12:11		-	No	Clear	None	None	-	-
048	PZ-174	BG	07/18/24	15:01	Low Flow	0	Yes	Clear	None	CLEAR	7.77	0.53
049	PZ-176	JC	07/22/24	10:56	Low Flow	51294	Yes	Clear	None	none	12.58	1.13
050	PZ-178	JC	07/22/24	10:12	Low Flow	51294	Yes	Clear	None	none	7.31	0.97
052	PZ-178 Duplicate	JC	07/22/24	10:12	Low Flow	51294	Yes	Clear	None	none	7.31	0.97

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

WO Sample	Well ID	COMMENTS
001	MW-104DR	
002	MW-104SR	
003	MW-150	
004	MW-151	
005	MW-152	
006	MW-153	
007	MW-154	
008	MW-155	
009	MW-192	
010	MW-193	
011	MW-195	
012	MW-196	
013	MW-197	
014	MW-252	
015	MW-253R	
016	MW-304	
017	MW-350R	
018	MW-352	
019	MW-355	
020	MW-356	
021	MW-358	
022	MW-366	
023	MW-369	
024	MW-370	
025	MW-375	
026	MW-377	
027	MW-382	
028	MW-383	
029	MW-384	
030	MW-390	
031	MW-391	
032	MW-392	
033	MW-393	
034	MW-394	
035	OW-156	
036	OW-157	

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Baldwin- 3Q 2024

WO Sample	Well ID	COMMENTS
037	OW-256	
038	OW-257	
039	PZ-170	
040	PZ-182	
041	TPZ-164	
042	XPW01	
043	XPW05	
044	XPW06	
045	Field Blank	
046	MW-304 Duplicate	
047	Equipment Blank 1	
048	PZ-174	
049	PZ-176	
050	PZ-178	
052	PZ-178 Duplicate	

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary
Baldwin- 3Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-104DR	7/17/2024	12:07	16.8	62.2	6.90	901.2	0.31	26.87	90.0	8.10	24061962-001A
MW-104SR	7/17/2024	12:33	18.5	65.3	6.64	1,134.3	0.20	38.09	-139.3	8.49	24061962-002A
MW-150	7/18/2024	12:57	16.0	60.9	7.28	2,063.4	0.49	3.81	-61.2	16.50	24061962-003A
MW-151	7/18/2024	13:32	15.9	60.6	7.01	1,029.4	1.00	6.04	4.3	7.11	24061962-004A
MW-152	7/18/2024	10:44	16.2	61.1	7.07	1,263.1	1.29	6.98	87.1	6.37	24061962-005A
MW-153	7/18/2024	8:36	15.6	60.1	7.26	635.2	1.10	114.36	-42.3	10.98	24061962-006A
MW-154	7/19/2024	10:01	17.3	63.1	7.15	666.8	2.85	8.93	74.5	6.66	24061962-007A
MW-155	7/23/2024	11:28	17.9	64.2	7.14	838.0	1.15	11.90	28.4	17.86	24061962-008A
MW-192	7/17/2024	14:12	18.9	66.0	6.75	701.7	0.16	109.48	-109.7	8.14	24061962-009A
MW-193	7/17/2024	8:26	18.8	65.8	6.96	940.2	0.45	16.81	-38.6	9.19	24061962-010A
MW-195	7/19/2024	9:43	16.7	62.1	7.40	590.7	0.51	10.39	-48.3	37.39	24061962-011A
MW-196	7/23/2024	10:34	20.3	68.5	7.18	1,345.7	1.75	24.05	-17.6	8.42	24061962-012A
MW-197	7/19/2024	10:24	20.6	69.0	7.17	1,116.8	4.12	1.98	0.9	4.56	24061962-013A
MW-252	7/18/2024	11:18	18.5	65.4	6.91	1,579.3	2.34	33.20	-60.7	3.23	24061962-014A
MW-253R	7/18/2024	9:24	15.8	60.4	7.08	1,653.1	0.47	4.91	-78.0	18.20	24061962-015A
MW-304	7/17/2024	10:20	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1	9.01	24061962-016A
MW-350R	7/18/2024	13:48	18.2	64.8	7.69	818.5	0.48	16.52	-86.6	25.98	24061962-017A
MW-352	7/18/2024	12:01	17.2	62.9	7.74	1,997.7	4.60	2.04	-43.4	2.62	24061962-018A
MW-355	7/23/2024	11:53	17.2	63.0	7.19	870.3	0.82	2.75	-10.7	20.15	24061962-019A
MW-356	7/18/2024	9:55	17.4	63.3	7.90	1,040.7	1.90	18.31	46.5	4.98	24061962-020A
MW-358	7/18/2024	11:10	17.8	64.0	7.60	1,118.0	0.00	787.38	-223.9	2.16	24061962-021A
MW-366	7/18/2024	12:06	17.6	63.6	6.90	1,967.3	0.17	11.66	-23.7	13.52	24061962-022A
MW-369	7/18/2024	9:56	16.8	62.2	7.61	1,587.4	0.16	48.67	-238.7	11.27	24061962-023A
MW-370	7/18/2024	10:51	16.9	62.4	7.51	5,438.6	0.27	6.81	-48.7	18.32	24061962-024A
MW-375	7/18/2024	13:23	15.7	60.3	7.69	1,483.5	0.22	22.63	-209.4	33.37	24061962-025A
MW-377	7/18/2024	14:41	17.0	62.6	7.04	1,049.1	0.40	26.28	-22.8	6.54	24061962-026A
MW-382	7/18/2024	12:04	17.0	62.6	7.62	1,665.4	0.22	123.36	-45.1	16.13	24061962-027A
MW-383	7/17/2024	11:15	19.7	67.5	7.71	1,482.7	0.08	48.61	-80.9	36.09	24061962-028A
MW-384	7/17/2024	12:11	19.8	67.6	8.31	2,857.4	0.18	9.63	-4.5	23.40	24061962-029A
MW-390	7/17/2024	13:32	18.3	64.9	7.47	2,317.5	0.05	15.29	-93.9	12.53	24061962-030A
MW-391	7/19/2024	11:05	18.8	65.8	7.76	1,246.5	5.67	92.66	91.2	66.31	24061962-031A
MW-392	7/17/2024	13:23	19.7	67.4	7.66	3,310.6	0.49	37.72	-150.8	8.79	24061962-032A
MW-393	7/17/2024	9:08	19.3	66.7	8.41	4,314.7	0.11	17.40	-141.4	8.20	24061962-033A
MW-394	7/17/2024	9:54	18.9	66.0	8.26	4,280.7	0.04	9.94	-279.2	10.52	24061962-034A
OW-156	7/17/2024	9:31	22.3	72.1	6.71	788.4	4.94	20.81	134.2	6.31	24061962-035A
OW-157	7/17/2024	9:55	21.2	70.2	6.43	3,699.5	2.35	2.96	79.9	7.88	24061962-036A
OW-256	7/17/2024	14:06	18.6	65.5	7.05	825.0	1.36	2.57	24.3	7.62	24061962-037A
OW-257	7/17/2024	10:33	18.6	65.4	6.87	1,101.5	4.30	2.90	112.8	6.24	24061962-038A
PZ-170	7/17/2024	12:25	18.3	65.0	6.74	1,627.7	0.97	1.70	-121.6	15.18	24061962-039A
PZ-182	7/17/2024	11:38	28.2	82.7	6.78	777.0	3.16	16.94	-49.4	16.73	24061962-040A
TPZ-164	7/22/2024	13:13	21.0	69.8	7.39	887.9	0.15	6.08	-179.7	4.31	24061962-041A
XPW01	7/22/2024	12:03	19.1	66.3	7.18	646.1	0.13	5.53	-67.8	6.57	24061962-042A

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary

Baldwin- 3Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
XPW05	7/22/2024	12:42	22.6	72.7	7.21	853.3	0.55	10.92	-97.0	5.15	24061962-043A
XPW06	7/22/2024	11:27	21.4	70.6	7.35	814.5	0.09	2.82	-71.4	2.47	24061962-044A
Field Blank	7/23/2024	12:04	QA/QC Sample							-	24061962-045A
MW-304 Duplicate	7/17/2024	10:20	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1	9.01	24061962-046A
Equipment Blank 1	7/23/2024	12:11	QA/QC Sample							-	24061962-047A
PZ-174	7/18/2024	15:01	17.7	63.9	7.22	1,473.6	3.74	38.65	79.5	7.24	24061962-048A
PZ-176	7/22/2024	10:56	17.4	63.4	7.02	1,133.8	0.42	53.71	56.8	11.45	24061962-049A
PZ-178	7/22/2024	10:12	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6	6.34	24061962-050A
PZ-178 Duplicate	7/22/2024	10:12	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6	6.34	24061962-052A

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104DR	7/17/2024	11:55	8.10	17.0	62.6	6.86	905.8	0.70	6.88	92.5
MW-104DR	7/17/2024	11:58	8.10	16.9	62.4	6.87	905.4	0.50	10.38	92.7
MW-104DR	7/17/2024	12:01	8.10	16.8	62.3	6.87	904.1	0.40	13.79	92.3
MW-104DR	7/17/2024	12:04	8.10	16.8	62.2	6.88	900.7	0.34	17.81	91.3
MW-104DR	7/17/2024	12:07	8.10	16.8	62.2	6.90	901.2	0.31	26.87	90.0

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-104SR	7/17/2024	12:24	8.49	17.9	64.2	6.65	1,137.0	0.39	8.08	-138.4
MW-104SR	7/17/2024	12:27	8.49	18.1	64.5	6.64	1,133.8	0.27	18.73	-140.8
MW-104SR	7/17/2024	12:30	8.49	18.3	64.9	6.64	1,134.9	0.22	27.39	-141.2
MW-104SR	7/17/2024	12:33	8.49	18.5	65.3	6.64	1,134.3	0.20	38.09	-139.3

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-150	7/18/2024	12:45	16.50	17.4	63.3	7.31	2,097.4	0.92	9.14	-78.6
MW-150	7/18/2024	12:48	16.50	16.8	62.2	7.29	2,084.4	0.49	6.08	-76.2
MW-150	7/18/2024	12:51	16.50	16.4	61.4	7.29	2,075.2	0.48	4.72	-70.6
MW-150	7/18/2024	12:54	16.50	16.3	61.4	7.28	2,066.2	0.50	4.11	-65.4
MW-150	7/18/2024	12:57	16.50	16.0	60.9	7.28	2,063.4	0.49	3.81	-61.2

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-151	7/18/2024	13:14	7.11	16.3	61.3	7.09	952.6	1.19	24.10	-9.2
MW-151	7/18/2024	13:17	7.11	16.3	61.3	7.07	977.5	1.15	18.72	-5.2
MW-151	7/18/2024	13:20	7.11	16.3	61.3	7.05	1,000.8	1.12	11.70	-2.1
MW-151	7/18/2024	13:23	7.11	16.2	61.1	7.04	1,014.9	1.09	11.50	0.0
MW-151	7/18/2024	13:26	7.11	16.0	60.9	7.03	1,022.1	1.06	8.84	1.5
MW-151	7/18/2024	13:29	7.11	16.0	60.7	7.02	1,025.9	1.03	8.31	2.9
MW-151	7/18/2024	13:32	7.11	15.9	60.6	7.01	1,029.4	1.00	6.04	4.3

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-152	7/18/2024	10:35	6.37	16.2	61.2	7.13	1,264.3	1.63	7.91	87.5
MW-152	7/18/2024	10:38	6.37	16.2	61.1	7.10	1,263.0	1.49	8.45	87.6
MW-152	7/18/2024	10:41	6.37	16.2	61.2	7.08	1,262.4	1.38	7.66	87.5
MW-152	7/18/2024	10:44	6.37	16.2	61.1	7.07	1,263.1	1.29	6.98	87.1

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-153	7/18/2024	8:27	10.98	15.7	60.2	7.29	648.7	1.04	123.22	-49.1
MW-153	7/18/2024	8:30	10.98	15.7	60.2	7.27	635.4	1.00	118.85	-46.8
MW-153	7/18/2024	8:33	10.98	15.6	60.1	7.27	634.0	1.03	118.13	-44.5
MW-153	7/18/2024	8:36	10.98	15.6	60.1	7.26	635.2	1.10	114.36	-42.3

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-154	7/19/2024	9:49	6.66	16.7	62.1	7.70	715.1	5.22	9.99	74.3
MW-154	7/19/2024	9:52	6.66	17.1	62.8	7.40	680.4	4.26	9.79	73.4
MW-154	7/19/2024	9:55	6.66	17.1	62.8	7.27	669.1	3.61	9.47	73.7
MW-154	7/19/2024	9:58	6.66	17.3	63.1	7.20	666.5	3.14	9.06	74.2
MW-154	7/19/2024	10:01	6.66	17.3	63.1	7.15	666.8	2.85	8.93	74.5

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-155	7/23/2024	11:16	17.86	17.9	64.3	7.22	849.5	2.86	54.09	35.4
MW-155	7/23/2024	11:19	17.86	17.8	64.0	7.18	839.7	1.49	29.56	32.1
MW-155	7/23/2024	11:22	17.86	17.7	63.9	7.16	838.1	1.22	22.39	30.4
MW-155	7/23/2024	11:25	17.86	17.8	64.0	7.15	837.4	1.16	19.15	29.4
MW-155	7/23/2024	11:28	17.86	17.9	64.2	7.14	838.0	1.15	11.90	28.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-192	7/17/2024	14:00	8.14	19.1	66.3	6.75	705.6	0.25	29.04	-113.2
MW-192	7/17/2024	14:03	8.14	19.0	66.2	6.75	703.8	0.21	47.52	-113.1
MW-192	7/17/2024	14:06	8.14	19.0	66.1	6.75	704.0	0.18	65.38	-112.6
MW-192	7/17/2024	14:09	8.14	18.9	66.1	6.75	702.4	0.17	87.34	-112.2
MW-192	7/17/2024	14:12	8.14	18.9	66.0	6.75	701.7	0.16	109.48	-109.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-193	7/17/2024	8:08	9.19	19.5	67.0	7.00	944.6	0.61	53.12	-44.8
MW-193	7/17/2024	8:11	9.19	19.3	66.7	6.97	941.8	0.53	42.82	-44.8
MW-193	7/17/2024	8:14	9.19	19.2	66.6	6.97	940.6	0.50	33.34	-43.9
MW-193	7/17/2024	8:17	9.19	19.1	66.3	6.97	941.8	0.43	25.86	-42.9
MW-193	7/17/2024	8:20	9.19	19.0	66.2	6.97	940.6	0.45	19.89	-41.6
MW-193	7/17/2024	8:23	9.19	18.8	65.9	6.96	940.2	0.36	19.05	-40.2
MW-193	7/17/2024	8:26	9.19	18.8	65.8	6.96	940.2	0.45	16.81	-38.6

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-195	7/19/2024	9:22	37.39	16.1	60.9	7.40	589.1	1.18	44.39	-5.9
MW-195	7/19/2024	9:25	37.39	16.6	61.8	7.40	589.6	1.03	35.76	-19.3
MW-195	7/19/2024	9:28	37.39	16.5	61.7	7.40	590.5	0.92	30.38	-32.2
MW-195	7/19/2024	9:31	37.39	16.7	62.0	7.41	591.3	0.87	24.11	-37.7
MW-195	7/19/2024	9:34	37.39	16.7	62.1	7.41	591.3	0.77	22.56	-41.9
MW-195	7/19/2024	9:37	37.39	16.6	61.9	7.41	590.4	0.65	16.26	-45.1
MW-195	7/19/2024	9:40	37.39	16.7	62.0	7.41	590.5	0.56	13.00	-47.6
MW-195	7/19/2024	9:43	37.39	16.7	62.1	7.40	590.7	0.51	10.39	-48.3

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-196	7/23/2024	10:16	8.42	18.8	65.9	7.22	1,342.8	3.51	14.20	-17.1
MW-196	7/23/2024	10:19	8.42	18.7	65.6	7.18	1,335.4	2.87	13.73	-22.4
MW-196	7/23/2024	10:22	8.42	19.3	66.8	7.16	1,332.4	2.39	14.71	-23.1
MW-196	7/23/2024	10:25	8.42	19.5	67.2	7.20	1,332.0	2.12	41.40	-22.8
MW-196	7/23/2024	10:28	8.42	20.3	68.6	7.20	1,335.7	1.98	39.72	-21.9
MW-196	7/23/2024	10:31	8.42	20.1	68.2	7.19	1,339.8	1.84	29.31	-19.8
MW-196	7/23/2024	10:34	8.42	20.3	68.5	7.18	1,345.7	1.75	24.05	-17.6

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-197	7/19/2024	10:03	4.56	19.3	66.7	7.12	1,110.8	5.19	8.65	-16.4
MW-197	7/19/2024	10:06	4.56	19.5	67.0	7.13	1,113.1	4.94	8.23	-16.0
MW-197	7/19/2024	10:09	4.56	19.5	67.1	7.14	1,112.6	4.74	6.79	-13.3
MW-197	7/19/2024	10:12	4.56	19.8	67.6	7.14	1,113.3	4.55	4.74	-10.7
MW-197	7/19/2024	10:15	4.56	20.0	68.0	7.14	1,113.7	4.41	3.50	-7.9
MW-197	7/19/2024	10:18	4.56	20.4	68.8	7.15	1,114.3	4.28	2.99	-5.2
MW-197	7/19/2024	10:21	4.56	20.5	69.0	7.16	1,116.9	4.20	2.45	-2.2
MW-197	7/19/2024	10:24	4.56	20.6	69.0	7.17	1,116.8	4.12	1.98	0.9

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-252	7/18/2024	11:09	3.23	18.6	65.4	6.92	1,581.0	2.39	23.14	-54.6
MW-252	7/18/2024	11:12	3.23	18.2	64.8	6.92	1,581.8	2.36	23.43	-56.8
MW-252	7/18/2024	11:15	3.23	18.3	64.9	6.91	1,580.6	2.37	32.58	-59.0
MW-252	7/18/2024	11:18	3.23	18.5	65.4	6.91	1,579.3	2.34	33.20	-60.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-253R	7/18/2024	9:06	18.20	15.6	60.1	7.06	1,739.1	0.35	13.12	-82.9
MW-253R	7/18/2024	9:09	18.20	15.7	60.2	7.06	1,715.6	0.38	30.09	-89.6
MW-253R	7/18/2024	9:12	18.20	15.8	60.4	7.06	1,701.1	0.39	36.89	-93.5
MW-253R	7/18/2024	9:15	18.20	15.8	60.5	7.07	1,680.2	0.42	20.48	-91.4
MW-253R	7/18/2024	9:18	18.20	15.8	60.4	7.07	1,667.6	0.43	5.89	-87.0
MW-253R	7/18/2024	9:21	18.20	15.8	60.4	7.07	1,660.0	0.44	10.08	-82.3
MW-253R	7/18/2024	9:24	18.20	15.8	60.4	7.08	1,653.1	0.47	4.91	-78.0

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304	7/17/2024	10:08	9.01	18.9	65.9	7.66	2,253.1	0.72	5.00	-87.9
MW-304	7/17/2024	10:11	9.01	18.7	65.7	7.69	2,247.9	0.58	6.97	-63.9
MW-304	7/17/2024	10:14	9.01	18.7	65.7	7.70	2,244.7	0.48	8.29	-45.9
MW-304	7/17/2024	10:17	9.01	18.7	65.7	7.71	2,241.0	0.42	11.08	-32.4
MW-304	7/17/2024	10:20	9.01	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-350R	7/18/2024	13:33	25.98	18.0	64.5	7.73	764.7	2.46	9.20	-33.2
MW-350R	7/18/2024	13:36	25.98	18.0	64.5	7.71	798.5	1.59	13.13	-53.1
MW-350R	7/18/2024	13:39	25.98	18.0	64.4	7.70	814.8	0.79	14.77	-67.7
MW-350R	7/18/2024	13:42	25.98	18.1	64.5	7.70	817.3	0.55	16.77	-76.6
MW-350R	7/18/2024	13:45	25.98	18.2	64.8	7.69	817.5	0.50	17.32	-82.3
MW-350R	7/18/2024	13:48	25.98	18.2	64.8	7.69	818.5	0.48	16.52	-86.6

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-352	7/18/2024	11:49	2.62	18.0	64.4	7.71	2,008.3	3.36	3.78	-43.9
MW-352	7/18/2024	11:52	2.62	17.2	62.9	7.72	2,001.3	3.65	9.76	-45.6
MW-352	7/18/2024	11:55	2.62	17.1	62.8	7.73	1,997.0	4.01	15.39	-45.4
MW-352	7/18/2024	11:58	2.62	17.1	62.7	7.74	1,994.2	4.30	4.19	-44.1
MW-352	7/18/2024	12:01	2.62	17.2	62.9	7.74	1,997.7	4.60	2.04	-43.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-355	7/23/2024	11:41	20.15	17.1	62.9	7.26	879.1	1.77	3.44	-34.0
MW-355	7/23/2024	11:44	20.15	17.1	62.8	7.24	872.1	1.15	2.90	-24.3
MW-355	7/23/2024	11:47	20.15	17.0	62.7	7.21	870.5	0.98	2.64	-16.5
MW-355	7/23/2024	11:50	20.15	17.2	62.9	7.19	870.0	0.88	2.59	-12.8
MW-355	7/23/2024	11:53	20.15	17.2	63.0	7.19	870.3	0.82	2.75	-10.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-356	7/18/2024	9:28	4.98	17.7	63.9	8.05	1,116.4	2.93	8.78	36.3
MW-356	7/18/2024	9:31	4.98	17.7	63.9	8.01	1,081.6	2.70	10.37	37.8
MW-356	7/18/2024	9:34	4.98	17.6	63.7	7.98	1,061.7	2.57	14.34	39.4
MW-356	7/18/2024	9:37	4.98	17.5	63.6	7.96	1,047.9	2.51	15.61	40.9
MW-356	7/18/2024	9:40	4.98	17.6	63.6	7.94	1,043.4	2.45	24.84	42.3
MW-356	7/18/2024	9:43	4.98	17.5	63.6	7.93	1,041.5	2.37	14.66	43.3
MW-356	7/18/2024	9:46	4.98	17.4	63.4	7.93	1,042.0	2.23	15.69	44.0
MW-356	7/18/2024	9:49	4.98	17.5	63.4	7.92	1,039.8	2.12	21.24	44.7
MW-356	7/18/2024	9:52	4.98	17.4	63.2	7.91	1,040.8	2.01	16.15	46.0
MW-356	7/18/2024	9:55	4.98	17.4	63.3	7.90	1,040.7	1.90	18.31	46.5

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-358	7/18/2024	10:16	2.16	18.8	65.8	8.31	4,014.1	0.09	216.76	-128.4
MW-358	7/18/2024	10:19	2.16	18.7	65.7	8.34	3,665.8	0.06	366.04	-142.8
MW-358	7/18/2024	10:22	2.16	18.6	65.4	8.37	3,356.6	0.04	680.22	-151.1
MW-358	7/18/2024	10:25	2.16	18.6	65.5	8.40	3,066.2	0.04	751.17	-157.7
MW-358	7/18/2024	10:28	2.16	18.4	65.1	8.41	2,759.1	0.02	935.50	-162.7
MW-358	7/18/2024	10:31	2.16	18.5	65.2	8.39	2,495.3	0.01	790.55	-167.9
MW-358	7/18/2024	10:34	2.16	18.3	65.0	8.21	2,114.6	0.01	1265.73	-170.6
MW-358	7/18/2024	10:37	2.16	18.2	64.7	7.94	1,701.3	0.00	1457.08	-177.5
MW-358	7/18/2024	10:40	2.16	18.2	64.7	7.79	1,429.0	0.01	1534.46	-189.1
MW-358	7/18/2024	10:43	2.16	Tubing disconnected from flow cell (attempt to clear sediment)						
MW-358	7/18/2024	10:46	2.16	18.3	64.9	7.65	1,238.6	0.71	18.00	-163.8
MW-358	7/18/2024	10:49	2.16	18.0	64.5	7.63	1,212.4	0.12	54.87	-185.1
MW-358	7/18/2024	10:52	2.16	18.0	64.4	7.63	1,189.8	0.05	129.42	-195.9
MW-358	7/18/2024	10:55	2.16	18.0	64.3	7.62	1,179.6	0.03	246.17	-203.1
MW-358	7/18/2024	10:58	2.16	17.9	64.1	7.62	1,158.1	0.02	378.73	-208.5
MW-358	7/18/2024	11:01	2.16	17.9	64.3	7.62	1,155.4	0.01	500.58	-213.5
MW-358	7/18/2024	11:04	2.16	17.9	64.2	7.61	1,149.2	0.01	638.25	-216.8
MW-358	7/18/2024	11:07	2.16	17.8	64.0	7.61	1,131.3	0.00	727.38	-220.8
MW-358	7/18/2024	11:10	2.16	17.8	64.0	7.60	1,118.0	0.00	787.38	-223.9

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-366	7/18/2024	11:57	13.52	17.9	64.1	6.91	1,962.3	0.89	8.16	-26.8
MW-366	7/18/2024	12:00	13.52	17.7	63.9	6.92	1,967.6	0.39	8.34	-25.3
MW-366	7/18/2024	12:03	13.52	17.7	63.9	6.90	1,965.3	0.23	10.72	-24.5
MW-366	7/18/2024	12:06	13.52	17.6	63.6	6.90	1,967.3	0.17	11.66	-23.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-369	7/18/2024	9:38	11.27	16.9	62.5	7.70	2,704.5	0.35	33.82	-239.8
MW-369	7/18/2024	9:41	11.27	16.9	62.4	7.93	2,470.8	0.26	41.23	-261.9
MW-369	7/18/2024	9:44	11.27	16.9	62.4	8.15	2,238.5	0.22	46.80	-271.3
MW-369	7/18/2024	9:47	11.27	16.9	62.4	8.29	2,077.7	0.19	43.25	-270.3
MW-369	7/18/2024	9:50	11.27	16.8	62.3	8.34	1,943.0	0.18	45.81	-265.6
MW-369	7/18/2024	9:53	11.27	16.8	62.2	8.19	1,816.1	0.17	46.27	-257.2
MW-369	7/18/2024	9:56	11.27	16.8	62.2	7.61	1,587.4	0.16	48.67	-238.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-370	7/18/2024	10:42	18.32	17.0	62.6	7.54	5,528.0	0.49	2.68	-44.6
MW-370	7/18/2024	10:45	18.32	16.9	62.5	7.53	5,520.1	0.35	4.10	-47.1
MW-370	7/18/2024	10:48	18.32	16.9	62.4	7.53	5,509.8	0.30	5.78	-48.4
MW-370	7/18/2024	10:51	18.32	16.9	62.4	7.51	5,438.6	0.27	6.81	-48.7

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-375	7/18/2024	13:08	33.37	16.1	61.0	7.58	1,638.8	0.71	4.63	-214.3
MW-375	7/18/2024	13:11	33.37	15.9	60.6	7.61	1,594.5	0.55	6.59	-234.9
MW-375	7/18/2024	13:14	33.37	15.8	60.4	7.64	1,558.8	0.33	12.92	-237.5
MW-375	7/18/2024	13:17	33.37	15.8	60.4	7.67	1,527.0	0.27	14.69	-232.3
MW-375	7/18/2024	13:20	33.37	15.8	60.4	7.68	1,502.3	0.24	21.19	-221.3
MW-375	7/18/2024	13:23	33.37	15.7	60.3	7.69	1,483.5	0.22	22.63	-209.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-377	7/18/2024	14:29	6.54	17.2	62.9	7.05	1,059.1	0.29	6.07	-38.0
MW-377	7/18/2024	14:32	6.54	17.2	62.9	7.05	1,056.9	0.25	7.84	-34.7
MW-377	7/18/2024	14:35	6.54	17.0	62.7	7.05	1,054.7	0.24	14.60	-30.8
MW-377	7/18/2024	14:38	6.54	17.1	62.8	7.05	1,051.1	0.29	27.92	-26.9
MW-377	7/18/2024	14:41	6.54	17.0	62.6	7.04	1,049.1	0.40	26.28	-22.8

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-382	7/18/2024	11:49	16.13	17.0	62.6	7.71	1,728.3	0.33	56.59	-72.8
MW-382	7/18/2024	11:52	16.13	17.0	62.7	7.67	1,704.6	0.28	83.49	-63.4
MW-382	7/18/2024	11:55	16.13	17.1	62.8	7.65	1,681.5	0.25	114.17	-56.4
MW-382	7/18/2024	11:58	16.13	17.0	62.6	7.63	1,675.5	0.23	121.50	-51.3
MW-382	7/18/2024	12:01	16.13	17.0	62.6	7.62	1,667.7	0.23	131.31	-47.7
MW-382	7/18/2024	12:04	16.13	17.0	62.6	7.62	1,665.4	0.22	123.36	-45.1

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-383	7/17/2024	10:30	36.09	19.8	67.7	7.93	1,504.5	1.29	2.72	-84.6
MW-383	7/17/2024	10:33	36.09	19.7	67.4	7.88	1,521.5	0.46	4.81	-82.5
MW-383	7/17/2024	10:36	36.09	19.6	67.3	7.85	1,519.9	0.24	6.27	-81.6
MW-383	7/17/2024	10:39	36.09	19.6	67.3	7.84	1,517.0	0.18	20.43	-81.4
MW-383	7/17/2024	10:42	36.09	19.6	67.2	7.83	1,514.3	0.15	58.52	-81.4
MW-383	7/17/2024	10:45	36.09	19.5	67.1	7.81	1,510.1	0.13	89.67	-81.3
MW-383	7/17/2024	10:48	36.09	19.5	67.2	7.79	1,504.3	0.12	120.91	-81.0
MW-383	7/17/2024	10:51	36.09	19.6	67.2	7.78	1,498.6	0.11	185.27	-80.5
MW-383	7/17/2024	10:54	36.09	19.6	67.2	7.75	1,498.6	0.18	62.34	-79.5
MW-383	7/17/2024	10:57	36.09	19.6	67.3	7.75	1,496.7	0.11	73.29	-79.1
MW-383	7/17/2024	11:00	36.09	19.7	67.5	7.74	1,495.1	0.10	53.73	-78.8
MW-383	7/17/2024	11:03	36.09	19.8	67.6	7.74	1,492.6	0.09	55.29	-78.4
MW-383	7/17/2024	11:06	36.09	19.7	67.5	7.73	1,490.3	0.09	72.56	-77.9
MW-383	7/17/2024	11:09	36.09	19.8	67.6	7.72	1,486.7	0.08	63.67	-77.4
MW-383	7/17/2024	11:12	36.09	19.8	67.6	7.72	1,481.8	0.08	48.17	-77.9
MW-383	7/17/2024	11:15	36.09	19.7	67.5	7.71	1,482.7	0.08	48.61	-80.9

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-384	7/17/2024	11:59	23.40	20.3	68.6	8.24	2,846.7	0.95	8.73	0.0
MW-384	7/17/2024	12:02	23.40	20.2	68.3	8.30	2,859.3	0.40	8.25	-1.2
MW-384	7/17/2024	12:05	23.40	20.1	68.1	8.31	2,856.0	0.28	7.37	-2.3
MW-384	7/17/2024	12:08	23.40	20.0	67.9	8.31	2,860.8	0.22	7.37	-3.5
MW-384	7/17/2024	12:11	23.40	19.8	67.6	8.31	2,857.4	0.18	9.63	-4.5

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-390	7/17/2024	13:11	12.53	18.8	65.8	7.44	2,884.5	0.47	10.23	-74.8
MW-390	7/17/2024	13:14	12.53	18.4	65.2	7.61	3,819.7	0.26	25.10	-88.5
MW-390	7/17/2024	13:17	12.53	18.4	65.1	7.63	3,863.9	0.19	21.47	-98.2
MW-390	7/17/2024	13:20	12.53	18.4	65.0	7.60	3,661.0	0.13	11.10	-101.5
MW-390	7/17/2024	13:23	12.53	18.3	64.9	7.56	3,317.1	0.09	19.29	-100.0
MW-390	7/17/2024	13:26	12.53	18.3	65.0	7.51	2,945.6	0.08	11.78	-97.6
MW-390	7/17/2024	13:29	12.53	18.5	65.2	7.48	2,636.8	0.06	16.68	-95.6
MW-390	7/17/2024	13:32	12.53	18.3	64.9	7.47	2,317.5	0.05	15.29	-93.9

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-391	7/19/2024	10:53	66.31	18.9	66.0	7.89	1,332.0	5.24	64.78	87.6
MW-391	7/19/2024	10:56	66.31	19.0	66.2	7.84	1,276.0	5.34	74.45	89.0
MW-391	7/19/2024	10:59	66.31	19.0	66.2	7.80	1,254.6	5.48	77.74	90.0
MW-391	7/19/2024	11:02	66.31	19.0	66.3	7.78	1,248.7	5.63	83.87	90.7
MW-391	7/19/2024	11:05	66.31	18.8	65.8	7.76	1,246.5	5.67	92.66	91.2

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-392	7/17/2024	13:11	8.79	20.0	68.0	7.65	3,317.1	0.66	16.48	-161.5
MW-392	7/17/2024	13:14	8.79	19.8	67.7	7.66	3,314.8	0.58	20.93	-156.8
MW-392	7/17/2024	13:17	8.79	19.8	67.6	7.66	3,315.2	0.53	26.83	-153.8
MW-392	7/17/2024	13:20	8.79	19.7	67.5	7.66	3,312.0	0.50	30.29	-151.9
MW-392	7/17/2024	13:23	8.79	19.7	67.4	7.66	3,310.6	0.49	37.72	-150.8

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-393	7/17/2024	8:59	8.20	19.4	67.0	8.37	4,153.2	0.62	5.97	-108.9
MW-393	7/17/2024	9:02	8.20	19.3	66.8	8.40	4,276.8	0.27	6.80	-123.3
MW-393	7/17/2024	9:05	8.20	19.3	66.8	8.41	4,308.0	0.15	14.81	-133.2
MW-393	7/17/2024	9:08	8.20	19.3	66.7	8.41	4,314.7	0.11	17.40	-141.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-394	7/17/2024	9:45	10.52	19.1	66.4	8.11	4,207.9	0.67	4.76	-125.6
MW-394	7/17/2024	9:48	10.52	19.1	66.5	8.14	4,423.4	0.24	6.00	-173.8
MW-394	7/17/2024	9:51	10.52	19.0	66.3	8.18	4,378.4	0.10	7.58	-231.2
MW-394	7/17/2024	9:54	10.52	18.9	66.0	8.26	4,280.7	0.04	9.94	-279.2

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-156	7/17/2024	9:28	6.31	21.9	71.5	6.80	785.2	5.59	31.60	129.0
OW-156	7/17/2024	9:31	6.31	22.3	72.1	6.71	788.4	4.94	20.81	134.2

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-157	7/17/2024	9:52	7.88	20.7	69.2	6.51	3,670.7	2.77	3.53	82.1
OW-157	7/17/2024	9:55	7.88	21.2	70.2	6.43	3,699.5	2.35	2.96	79.9

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-256	7/17/2024	13:54	7.62	18.9	66.0	7.23	823.3	2.05	5.82	25.3
OW-256	7/17/2024	13:57	7.62	19.0	66.2	7.13	827.6	1.79	4.54	26.7
OW-256	7/17/2024	14:00	7.62	18.7	65.7	7.09	825.7	1.61	2.98	25.9
OW-256	7/17/2024	14:03	7.62	18.7	65.7	7.07	825.1	1.47	2.99	25.1
OW-256	7/17/2024	14:06	7.62	18.6	65.5	7.05	825.0	1.36	2.57	24.3

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
OW-257	7/17/2024	10:18	6.24	18.8	65.8	6.91	1,105.8	4.31	4.99	111.0
OW-257	7/17/2024	10:21	6.24	18.8	65.8	6.90	1,104.5	4.52	3.95	111.8
OW-257	7/17/2024	10:24	6.24	18.7	65.7	6.89	1,104.3	4.56	3.61	112.4
OW-257	7/17/2024	10:27	6.24	18.6	65.6	6.88	1,104.0	4.32	3.20	112.7
OW-257	7/17/2024	10:30	6.24	18.5	65.4	6.87	1,102.9	4.18	3.19	112.7
OW-257	7/17/2024	10:33	6.24	18.6	65.4	6.87	1,101.5	4.30	2.90	112.8

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-170	7/17/2024	12:13	15.18	18.4	65.2	6.88	1,595.0	1.21	2.92	-112.6
PZ-170	7/17/2024	12:16	15.18	19.0	66.2	6.77	1,599.8	1.11	2.02	-120.3
PZ-170	7/17/2024	12:19	15.18	19.0	66.1	6.75	1,597.9	1.04	1.73	-122.0
PZ-170	7/17/2024	12:22	15.18	18.5	65.3	6.75	1,615.1	1.00	1.80	-122.1
PZ-170	7/17/2024	12:25	15.18	18.3	65.0	6.74	1,627.7	0.97	1.70	-121.6

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-182	7/17/2024	11:20	16.73	24.7	76.5	6.79	774.4	3.41	13.73	-61.2
PZ-182	7/17/2024	11:23	16.73	25.5	77.8	6.78	774.6	3.36	14.45	-60.6
PZ-182	7/17/2024	11:26	16.73	26.0	78.7	6.78	776.0	3.35	15.83	-59.5
PZ-182	7/17/2024	11:29	16.73	26.6	79.9	6.77	774.4	3.31	15.48	-58.1
PZ-182	7/17/2024	11:32	16.73	27.1	80.8	6.77	778.7	3.30	16.42	-56.5
PZ-182	7/17/2024	11:35	16.73	27.8	82.0	6.77	776.8	3.29	16.55	-54.0
PZ-182	7/17/2024	11:38	16.73	28.2	82.7	6.78	777.0	3.16	16.94	-49.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
TPZ-164	7/22/2024	13:01	4.31	21.4	70.5	7.50	865.9	0.30	72.89	-207.8
TPZ-164	7/22/2024	13:04	4.31	20.5	68.9	7.44	877.4	0.20	33.15	-201.6
TPZ-164	7/22/2024	13:07	4.31	20.4	68.6	7.42	883.6	0.16	17.19	-192.2
TPZ-164	7/22/2024	13:10	4.31	20.3	68.5	7.41	886.9	0.15	9.05	-184.8
TPZ-164	7/22/2024	13:13	4.31	21.0	69.8	7.39	887.9	0.15	6.08	-179.7

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01	7/22/2024	11:51	6.57	19.0	66.2	7.24	630.8	0.32	72.17	-60.4
XPW01	7/22/2024	11:54	6.57	18.9	66.1	7.22	633.3	0.24	37.36	-63.4
XPW01	7/22/2024	11:57	6.57	19.0	66.2	7.20	640.4	0.19	17.48	-65.1
XPW01	7/22/2024	12:00	6.57	19.0	66.2	7.18	645.3	0.16	7.89	-66.7
XPW01	7/22/2024	12:03	6.57	19.1	66.3	7.18	646.1	0.13	5.53	-67.8

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW05	7/22/2024	12:30	5.15	22.4	72.4	7.06	948.4	1.84	14.18	-66.6
XPW05	7/22/2024	12:33	5.15	22.3	72.1	7.12	898.7	1.02	12.72	-79.3
XPW05	7/22/2024	12:36	5.15	22.3	72.2	7.17	869.9	0.78	11.68	-87.0
XPW05	7/22/2024	12:39	5.15	22.5	72.5	7.20	857.8	0.66	10.45	-92.4
XPW05	7/22/2024	12:42	5.15	22.6	72.7	7.21	853.3	0.55	10.92	-97.0

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW06	7/22/2024	11:18	2.47	20.7	69.2	7.34	836.8	0.26	10.39	-76.2
XPW06	7/22/2024	11:21	2.47	20.9	69.7	7.36	778.4	0.15	6.25	-79.3
XPW06	7/22/2024	11:24	2.47	21.2	70.2	7.35	786.1	0.11	3.71	-75.0
XPW06	7/22/2024	11:27	2.47	21.4	70.6	7.35	814.5	0.09	2.82	-71.4

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	7/23/2024	12:04	-	QA/QC Sample						

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-304 Duplicate	7/17/2024	10:08	9.01	18.9	65.9	7.66	2,253.1	0.72	5.00	-87.9
MW-304 Duplicate	7/17/2024	10:11	9.01	18.7	65.7	7.69	2,247.9	0.58	6.97	-63.9
MW-304 Duplicate	7/17/2024	10:14	9.01	18.7	65.7	7.70	2,244.7	0.48	8.29	-45.9
MW-304 Duplicate	7/17/2024	10:17	9.01	18.7	65.7	7.71	2,241.0	0.42	11.08	-32.4
MW-304 Duplicate	7/17/2024	10:20	9.01	18.6	65.5	7.70	2,239.6	0.39	13.57	-22.1

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	7/23/2024	12:11	-	QA/QC Sample						

Site Sampling Event: BAL- 24Q3

LIMS Workorder: 24061962

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Forms- Groudwnwater Quality Parameters

Baldwin- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-174	7/18/2024	14:52	7.24	17.9	64.3	7.25	1,473.6	3.93	31.32	76.5
PZ-174	7/18/2024	14:55	7.24	17.7	63.9	7.24	1,472.7	3.87	34.83	77.7
PZ-174	7/18/2024	14:58	7.24	17.7	63.9	7.23	1,471.1	3.77	35.58	78.7
PZ-174	7/18/2024	15:01	7.24	17.7	63.9	7.22	1,473.6	3.74	38.65	79.5

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-176	7/22/2024	10:41	11.45	18.0	64.5	7.08	1,143.1	1.09	57.18	59.2
PZ-176	7/22/2024	10:44	11.45	16.6	61.8	7.05	1,139.3	0.76	64.73	58.9
PZ-176	7/22/2024	10:47	11.45	16.8	62.3	7.03	1,138.1	0.58	57.12	58.4
PZ-176	7/22/2024	10:50	11.45	16.7	62.0	7.03	1,139.5	0.50	80.22	57.8
PZ-176	7/22/2024	10:53	11.45	16.9	62.4	7.02	1,139.7	0.45	53.31	57.4
PZ-176	7/22/2024	10:56	11.45	17.4	63.4	7.02	1,133.8	0.42	53.71	56.8

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-178	7/22/2024	10:00	6.34	19.0	66.3	7.04	1,256.8	0.67	68.82	11.8
PZ-178	7/22/2024	10:03	6.34	20.5	68.9	7.02	1,261.7	0.55	139.70	6.5
PZ-178	7/22/2024	10:06	6.34	19.9	67.7	7.04	1,267.9	0.55	72.21	6.9
PZ-178	7/22/2024	10:09	6.34	20.2	68.4	7.04	1,268.9	0.55	89.43	9.2
PZ-178	7/22/2024	10:12	6.34	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6

Site Sampling Event: BAL- 24Q3

Groundwater Sampling Field Forms- Groudnnwater Quality Parameters

LIMS Workorder: 24061962

Baldwin- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-178 Duplicate	7/22/2024	10:00	6.34	19.0	66.3	7.04	1,256.8	0.67	68.82	11.8
PZ-178 Duplicate	7/22/2024	10:03	6.34	20.5	68.9	7.02	1,261.7	0.55	139.70	6.5
PZ-178 Duplicate	7/22/2024	10:06	6.34	19.9	67.7	7.04	1,267.9	0.55	72.21	6.9
PZ-178 Duplicate	7/22/2024	10:09	6.34	20.2	68.4	7.04	1,268.9	0.55	89.43	9.2
PZ-178 Duplicate	7/22/2024	10:12	6.34	21.0	69.7	7.04	1,272.3	0.53	69.99	11.6

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.01	7/17/24 9:42
7.0 Buffer	WC240307F	6.99	7/17/24 9:39
10.0 Buffer	WC230619B	9.99	7/17/24 9:44
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/17/24 9:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/17/24 9:45	28.1	7.02	1,408	1.52		
CCV-1	CCV	7/17/24 14:41	25.4	7.02	1,436	1.19		

Comments:

Field Meter ID: Pine 218083 Technician(s): Tracy Carroll Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.00	7/18/24 9:25
7.0 Buffer	WC240307F	7.01	7/18/24 9:24
10.0 Buffer	WC230619B	10.01	7/18/24 9:25
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/18/24 9:26

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/18/24 9:27	22.2	7.01	1,413	1.32		
CCV-M-2	CCV	7/18/24 12:01	23.3	7.04	1,430	1.26		
CCV-2	CCV	7/18/24 14:45	24	7.09	1,440	1.34		

Comments:

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.02	7/17/24 9:08
7.0 Buffer	WC24307F	7.02	7/17/24 9:01
10.0 Buffer	WC240521B	10.00	7/17/24 9:12
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1416	7/17/24 9:14

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	7/17/24 9:15
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/17/24 9:19	20.7	7.01	1,416	1.6		
CCV-M-2	CCV	7/17/24 12:12	21.6	7.03	1,422	1.4		
CCV-2	CCV	7/17/24 14:46	22.6	7.05	1,423	1.64		

Comments:

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	4.01	7/18/24 8:54
7.0 Buffer	WC24307F	7.01	7/18/24 8:48
10.0 Buffer	WC240521B	10.00	7/18/24 9:02
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1414	7/18/24 9:10

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.6	7/18/24 9:12
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	7/18/24 9:17	19.8	7.00	1,414	1.6		
CCV-M-3	CCV	7/18/24 11:46	20.4	7.03	1,417	1.08		
CCV-3	CCV	7/18/24 14:44	21.7	7.06	1,422	1.46		

Comments:



Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45720 Technician(s): Brett Gillihan Date: 7/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230830B	3.99	7/19/24 9:29
7.0 Buffer	WC24307F	7.00	7/19/24 9:26
10.0 Buffer	WC240521B	10.02	7/19/24 9:36
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	98627	1417	7/19/24 9:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.4	7/19/24 9:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. $^{\circ}$ C	pH S.U.	Conductivity μ S	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	7/19/24 9:41	19.9	7.01	1,417	0.96		
CCV-4	CCV	7/19/24 11:08	20.3	7.02	1,420	1.23		

Comments: _____

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/16/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	7/16/24 6:39
7.0 Buffer	wc240307f	6.99	7/16/24 6:34
10.0 Buffer	wc240521b	10.00	7/16/24 6:44
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	7/16/24 6:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.91	7/16/24 6:48
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1	LCS	7/16/24 6:51	25.1	7.00	1,412	0.91		

Comments: No sampling on 7/16- rain out

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/17/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.98	7/17/24 6:41
7.0 Buffer	wc240307f	7.00	7/17/24 6:37
10.0 Buffer	wc240521b	10.01	7/17/24 6:46
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1411	7/17/24 6:52

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.93	7/17/24 6:52
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2	LCS	7/17/24 6:55	24.7	7.00	1,411	0.93		
CCV-M-2	ccv	7/17/24 11:36	25.4	7.02	1,422	0.99		
CCV-2	ccv	7/17/24 14:44	27.2	7.04	1,427	0.97		

Comments:

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/18/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	7/18/24 6:39
7.0 Buffer	wc240307f	7.01	7/18/24 6:35
10.0 Buffer	wc240521b	10.01	7/18/24 6:43
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1413	7/18/24 6:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.96	7/18/24 6:49
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3	LCS	7/18/24 6:57	21.5	7.01	1,413	0.96		
CCV-M-3	ccv	7/18/24 11:19	22.8	7.01	1,421	0.92		
CCV-3	ccv	7/18/24 14:41	23.9	7.03	1,420	0.93		

Comments:

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.02	7/19/24 8:45
7.0 Buffer	wc240307f	6.99	7/19/24 8:39
10.0 Buffer	wc240521b	10.00	7/19/24 8:52
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1405	7/19/24 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.87	7/19/24 8:58
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4	LCS	7/19/24 9:10	20.9	6.99	1,405	0.87		
CCV-4	ccv	7/19/24 11:14	22	7.02	1,401	0.88		

Comments:

Site Sampling Event: BAL- 24Q3
LIMS Workorder: 24061962
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
BALDWIN POWER PLANT, BOTTOM ASH POND
BAL-845-601

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/22/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.01	7/22/24 9:29
7.0 Buffer	wc240307f	6.98	7/22/24 9:25
10.0 Buffer	wc240521b	10.01	7/22/24 9:34
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1406	7/22/24 9:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.84	7/22/24 9:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-5	LCS	7/22/24 9:42	21.7	6.98	1,406	0.84		
CCV-5	CCV	7/22/24 13:20	24.5	7.04	1,418	0.87		

Comments:

Field Meter ID: Pine 51294 Technician(s): justin colp Date: 7/23/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	7/23/24 7:26
7.0 Buffer	wc240307f	7.00	7/23/24 7:21
10.0 Buffer	wc240521b	10.02	7/23/24 7:31
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1409	7/23/24 7:37

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.89	7/23/24 7:37
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-6	LCS	7/23/24 7:41	21.2	7.00	1,409	0.89		
CCV-6	CCV	7/23/24 12:11	25.4	7.03	1,424	0.93		

Comments:



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID **45720**
Description YSI Pro DSS
Calibrated 6/27/2024 10:15:34AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 19E101794
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.00	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	3.89	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.05	10.04	0.40%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	-0.43	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	128.39	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.378	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	244.10	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID **51294**
Description YSI Pro DSS Sonde
Calibrated 7/5/2024 11:57:06AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 21D103486
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.23	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.42	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.95	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.25	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	100.99	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.491	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	229.10	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID **218083**
Description YSI Pro DSS Sonde
Calibrated 6/27/2024 10:21:25AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 23F102674
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.01	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.07	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.04	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	FNU	0.00	FNU	0.34	0.00	0.00%	Pass
124.00 / 124.00	FNU	124.00	FNU	126.32	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.501	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	242.90	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>

ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 3, 2024

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-192	UU	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.00230
MW-192	UU	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	38	CI around geomean	0.00124	0.00578
MW-192	UU	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0898	0.261
MW-192	UU	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-192	UU	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	15	CI around mean	0.0247	2.23
MW-192	UU	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-192	UU	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	11.1	1,370
MW-192	UU	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.0015	0.0125
MW-192	UU	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	46	CI around median	0.001	0.00220
MW-192	UU	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.418	3.36
MW-192	UU	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.00220
MW-192	UU	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	8	CB around linear reg	-0.0247	0.123
MW-192	UU	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.0002
MW-192	UU	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	23	CB around T-S line	-0.00295	0.0782
MW-192	UU	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	6.7/6.9	7.3/8.4
MW-192	UU	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.348	4.14
MW-192	UU	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00320
MW-192	UU	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	-7.84	228
MW-192	UU	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002
MW-192	UU	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around T-S line	-1.79	3,260
MW-193	UU	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.00230
MW-193	UU	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	31	CB around T-S line	-0.00409	0.00578
MW-193	UU	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	0.0743	0.261
MW-193	UU	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-193	UU	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	8	CI around mean	0.0378	2.23
MW-193	UU	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-193	UU	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	29.8	1,370

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-193	UU	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.0015	0.0125
MW-193	UU	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.00220
MW-193	UU	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.245	3.36
MW-193	UU	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00220
MW-193	UU	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	15	CI around mean	0.00442	0.123
MW-193	UU	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.0002
MW-193	UU	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.0782
MW-193	UU	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	6.7/7.0	7.3/8.4
MW-193	UU	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.484	4.14
MW-193	UU	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00320
MW-193	UU	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	154	228
MW-193	UU	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002
MW-193	UU	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	544	3,260
MW-356	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	28	89	CI around median	0.001	0.00230
MW-356	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	31	84	CI around median	0.001	0.00578
MW-356	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around median	0.0299	0.261
MW-356	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.001
MW-356	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	32	0	CI around median	1.94	2.23
MW-356	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.001
MW-356	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	27.7	1,370
MW-356	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	30	100	All ND - Last	0.0015	0.0125
MW-356	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	29	100	All ND - Last	0.001	0.00220
MW-356	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	1.99	3.36
MW-356	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	29	97	CI around median	0.001	0.00220
MW-356	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around geomean	0.0527	0.123
MW-356	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.0002	0.0002
MW-356	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	31	64	CI around median	0.0015	0.0782

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-356	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	32	0	CI around median	7.7/7.8	7.3/8.4
MW-356	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	31	0	CI around median	0.146	4.14
MW-356	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	28	100	All ND - Last	0.001	0.00320
MW-356	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	32	0	CI around mean	44.3	228
MW-356	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.002	0.002
MW-356	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	31	0	CI around mean	661	3,260
MW-369	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	22	82	CB around T-S line	-0.000157	0.00230
MW-369	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	25	12	CI around geomean	0.00143	0.00578
MW-369	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	25	0	CB around T-S line	0.0689	0.261
MW-369	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.001
MW-369	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	26	0	CB around linear reg	-0.184	2.23
MW-369	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.001
MW-369	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	85.4	1,370
MW-369	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	24	92	CB around T-S line	0.0015	0.0125
MW-369	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	23	78	CI around median	0.001	0.00220
MW-369	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	26	0	CB around T-S line	-0.432	3.36
MW-369	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	23	96	CI around median	0.001	0.00220
MW-369	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	25	4	CI around mean	0.0206	0.123
MW-369	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.0002	0.0002
MW-369	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	25	4	CB around T-S line	-0.00805	0.0782
MW-369	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	26	0	CI around mean	7.4/8.0	7.3/8.4
MW-369	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	25	0	CI around mean	0.473	4.14
MW-369	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	22	68	CB around T-S line	-0.0139	0.00320
MW-369	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	107	228
MW-369	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.002	0.002
MW-369	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	26	0	CI around median	732	3,260
MW-370	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	28	79	CB around T-S line	0.0000531	0.00230

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-370	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	31	61	CB around T-S line	0.0000775	0.00578
MW-370	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	31	0	CB around T-S line	0.0263	0.261
MW-370	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.001
MW-370	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	32	0	CI around median	1.77	2.23
MW-370	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.001	0.001
MW-370	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	1,390	1,370
MW-370	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	30	97	CB around T-S line	0.0015	0.0125
MW-370	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	29	97	CI around median	0.001	0.00220
MW-370	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	32	0	CB around T-S line	3.07	3.36
MW-370	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	29	100	All ND - Last	0.001	0.00220
MW-370	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	31	0	CI around mean	0.132	0.123
MW-370	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.0002	0.0002
MW-370	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	31	3	CB around T-S line	0.00316	0.0782
MW-370	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	32	0	CB around T-S line	7.3/7.5	7.3/8.4
MW-370	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	31	0	CI around geomean	0.575	4.14
MW-370	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	28	96	Most recent sample	0.001	0.00320
MW-370	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	32	0	CI around mean	249	228
MW-370	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	26	100	All ND - Last	0.002	0.002
MW-370	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	32	0	CB around linear reg	2,990	3,260
MW-382	UA	E006	Antimony, total	mg/L	12/29/15 - 07/18/24	22	100	All ND - Last	0.001	0.00230
MW-382	UA	E006	Arsenic, total	mg/L	12/29/15 - 07/18/24	25	20	CI around median	0.0012	0.00578
MW-382	UA	E006	Barium, total	mg/L	12/29/15 - 07/18/24	25	0	CI around mean	0.0182	0.261
MW-382	UA	E006	Beryllium, total	mg/L	12/29/15 - 07/18/24	20	95	CI around median	0.001	0.001
MW-382	UA	E006	Boron, total	mg/L	12/29/15 - 07/18/24	26	0	CI around median	1.71	2.23
MW-382	UA	E006	Cadmium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.001	0.001
MW-382	UA	E006	Chloride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around mean	34.5	1,370
MW-382	UA	E006	Chromium, total	mg/L	12/29/15 - 07/18/24	24	8	CB around linear reg	0.00737	0.0125

ATTACHMENT C.
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BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-382	UA	E006	Cobalt, total	mg/L	12/29/15 - 07/18/24	23	61	CB around T-S line	0.001	0.00220
MW-382	UA	E006	Fluoride, total	mg/L	12/29/15 - 07/18/24	26	0	CI around geomean	2.82	3.36
MW-382	UA	E006	Lead, total	mg/L	12/29/15 - 07/18/24	23	52	CB around T-S line	0.001	0.00220
MW-382	UA	E006	Lithium, total	mg/L	12/29/15 - 07/18/24	25	0	CI around geomean	0.058	0.123
MW-382	UA	E006	Mercury, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.0002	0.0002
MW-382	UA	E006	Molybdenum, total	mg/L	12/29/15 - 07/18/24	25	24	CI around geomean	0.00134	0.0782
MW-382	UA	E006	pH (field)	SU	12/29/15 - 07/18/24	26	0	CI around mean	7.7/7.8	7.3/8.4
MW-382	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 07/18/24	25	0	CB around T-S line	0.674	4.14
MW-382	UA	E006	Selenium, total	mg/L	12/29/15 - 07/18/24	22	100	All ND - Last	0.001	0.00320
MW-382	UA	E006	Sulfate, total	mg/L	12/29/15 - 07/18/24	26	0	CB around linear reg	361	228
MW-382	UA	E006	Thallium, total	mg/L	12/29/15 - 07/18/24	20	100	All ND - Last	0.002	0.002
MW-382	UA	E006	Total Dissolved Solids	mg/L	12/29/15 - 07/18/24	26	0	CI around mean	1,130	3,260
MW-392	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.001	0.00230
MW-392	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	69	CI around median	0.001	0.00578
MW-392	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0385	0.261
MW-392	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-392	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1.7	2.23
MW-392	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-392	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	827	1,370
MW-392	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	62	CI around median	0.0015	0.0125
MW-392	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.00220
MW-392	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	4.01	3.36
MW-392	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.00220
MW-392	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0629	0.123
MW-392	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.0002
MW-392	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.0782
MW-392	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	14	0	CI around median	7.6/7.7	7.3/8.4

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COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-392	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.411	4.14
MW-392	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00320
MW-392	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around geomean	49.8	228
MW-392	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	14	100	All ND - Last	0.002	0.002
MW-392	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	1,630	3,260
MW-393	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	85	CI around median	0.001	0.00230
MW-393	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.00578
MW-393	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0257	0.261
MW-393	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-393	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around median	1.61	2.23
MW-393	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-393	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	692	1,370
MW-393	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.0015	0.0125
MW-393	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	92	CI around median	0.001	0.00220
MW-393	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	8.48	3.36
MW-393	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00220
MW-393	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.061	0.123
MW-393	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.0002
MW-393	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	62	CI around median	0.0015	0.0782
MW-393	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	14	0	CI around mean	7.9/8.3	7.3/8.4
MW-393	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.266	4.14
MW-393	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.00320
MW-393	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	176	228
MW-393	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	14	100	All ND - Last	0.002	0.002
MW-393	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CB around T-S line	2,440	3,260
MW-394	UA	E006	Antimony, total	mg/L	10/27/22 - 07/17/24	13	69	CB around T-S line	-0.00133	0.00230
MW-394	UA	E006	Arsenic, total	mg/L	10/27/22 - 07/17/24	13	54	CI around median	0.001	0.00578

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-394	UA	E006	Barium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0273	0.261
MW-394	UA	E006	Beryllium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-394	UA	E006	Boron, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1.61	2.23
MW-394	UA	E006	Cadmium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.001	0.001
MW-394	UA	E006	Chloride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	511	1,370
MW-394	UA	E006	Chromium, total	mg/L	10/27/22 - 07/17/24	13	69	CI around median	0.0015	0.0125
MW-394	UA	E006	Cobalt, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.00220
MW-394	UA	E006	Fluoride, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	3.45	3.36
MW-394	UA	E006	Lead, total	mg/L	10/27/22 - 07/17/24	13	77	CI around median	0.001	0.00220
MW-394	UA	E006	Lithium, total	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	0.0537	0.123
MW-394	UA	E006	Mercury, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.0002	0.0002
MW-394	UA	E006	Molybdenum, total	mg/L	10/27/22 - 07/17/24	13	38	CI around mean	0.00302	0.0782
MW-394	UA	E006	pH (field)	SU	10/27/22 - 07/17/24	13	0	CI around mean	7.7/8.0	7.3/8.4
MW-394	UA	E006	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 07/17/24	13	0	CI around mean	0.371	4.14
MW-394	UA	E006	Selenium, total	mg/L	10/27/22 - 07/17/24	13	92	Most recent sample	0.001	0.00320
MW-394	UA	E006	Sulfate, total	mg/L	10/27/22 - 07/17/24	13	0	CB around linear reg	-12.1	228
MW-394	UA	E006	Thallium, total	mg/L	10/27/22 - 07/17/24	13	100	All ND - Last	0.002	0.002
MW-394	UA	E006	Total Dissolved Solids	mg/L	10/27/22 - 07/17/24	13	0	CI around mean	1,830	3,260
OW-256	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.00230
OW-256	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	29	CI around median	0.001	0.00578
OW-256	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.0795	0.261
OW-256	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.001
OW-256	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.16	2.23
OW-256	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.001
OW-256	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	53.4	1,370
OW-256	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0015	0.0125
OW-256	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.00220

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BOTTOM ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
OW-256	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.233	3.36
OW-256	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.00220
OW-256	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	14	CI around mean	0.00374	0.123
OW-256	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.0002
OW-256	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0015	0.0782
OW-256	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.7/7.0	7.3/8.4
OW-256	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.392	4.14
OW-256	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.00320
OW-256	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	66	228
OW-256	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002
OW-256	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	479	3,260
OW-257	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.00230
OW-257	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	14	CI around geomean	0.000951	0.00578
OW-257	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around median	0.0988	0.261
OW-257	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.0005	0.001
OW-257	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.439	2.23
OW-257	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.001
OW-257	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	6.82	1,370
OW-257	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.0015	0.0125
OW-257	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	29	CI around geomean	0.000595	0.00220
OW-257	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.377	3.36
OW-257	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	57	CI around median	0.001	0.00220
OW-257	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around median	0.0268	0.123
OW-257	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.0002
OW-257	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	29	CI around geomean	0.00245	0.0782
OW-257	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.7/7.2	7.3/8.4
OW-257	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around geomean	0.311	4.14

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BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
OW-257	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.00320
OW-257	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	104	228
OW-257	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002
OW-257	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around median	682	3,260
PZ-170	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	6	67	CI around median (Last Sample, n<7)	0.001	0.00230
PZ-170	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	6	33	CI around median (Last Sample, n<7)	0.0011	0.00578
PZ-170	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.0527	0.261
PZ-170	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.001
PZ-170	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.222	2.23
PZ-170	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.001
PZ-170	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	6	0	CI around median (Last Sample, n<7)	82	1,370
PZ-170	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	6	67	CI around median (Last Sample, n<7)	0.0015	0.0125
PZ-170	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.00138	0.00220
PZ-170	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.181	3.36
PZ-170	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	6	83	CI around median (Last Sample, n<7)	0.001	0.00220
PZ-170	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	0.0263	0.123
PZ-170	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.0002	0.0002
PZ-170	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.0015	0.0782
PZ-170	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.5/6.7	7.3/8.4
PZ-170	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.115	4.14
PZ-170	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.001	0.00320
PZ-170	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	163	228
PZ-170	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	6	100	All ND - Last	0.002	0.002
PZ-170	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	6	0	CI around mean	825	3,260
PZ-182	PMP	E006	Antimony, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.00230
PZ-182	PMP	E006	Arsenic, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.00578
PZ-182	PMP	E006	Barium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.0554	0.261

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-182	PMP	E006	Beryllium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.001
PZ-182	PMP	E006	Boron, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.398	2.23
PZ-182	PMP	E006	Cadmium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.001
PZ-182	PMP	E006	Chloride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	16.7	1,370
PZ-182	PMP	E006	Chromium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0015	0.0125
PZ-182	PMP	E006	Cobalt, total	mg/L	03/14/23 - 07/17/24	7	86	Most recent sample	0.001	0.00220
PZ-182	PMP	E006	Fluoride, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.148	3.36
PZ-182	PMP	E006	Lead, total	mg/L	03/14/23 - 07/17/24	7	86	CI around median	0.001	0.00220
PZ-182	PMP	E006	Lithium, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	0.00978	0.123
PZ-182	PMP	E006	Mercury, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0002	0.0002
PZ-182	PMP	E006	Molybdenum, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.0015	0.0782
PZ-182	PMP	E006	pH (field)	SU	03/14/23 - 07/17/24	7	0	CI around mean	6.5/6.7	7.3/8.4
PZ-182	PMP	E006	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 07/17/24	7	0	CI around mean	0.334	4.14
PZ-182	PMP	E006	Selenium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.001	0.00320
PZ-182	PMP	E006	Sulfate, total	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	133	228
PZ-182	PMP	E006	Thallium, total	mg/L	03/14/23 - 07/17/24	7	100	All ND - Last	0.002	0.002
PZ-182	PMP	E006	Total Dissolved Solids	mg/L	03/14/23 - 07/17/24	7	0	CI around mean	608	3,260

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

UU = Upper Unit

mg/L = milligrams per liter

Missing Code (if applicable):

NR¹ = Select parameters were not analyzed.

NS¹ = This well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance, therefore, a sample was not collected.

NS³ = A sample was not collected because the location was inaccessible.

NS⁴ = The location could not be found, therefore a sample was not collected.

NS⁵ = A sample was not collected because of damage to the well.

NS⁶ = A sample was not collected because of pump issues.

NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.

PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.

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