

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

October 28, 2025

Illinois Environmental Protection Agency
Bureau of Land - MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

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

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 3, 2025 sampling event at the Baldwin Power Plant Fly Ash Pond System (FAPS), identified by Illinois Environmental Protection Agency (IEPA) ID Nos. W1578510001-01, W1578510001-02, and W1578510001-03. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ 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).

A Corrective Measures Assessment (CMA) for the FAPS was initiated on November 26, 2023, completed, and submitted to IEPA on April 24, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the FAPS. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on March 20, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d) and a Corrective Action Plan was submitted to IEPA on April 22, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,



Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2025, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Baldwin Power Plant Fly Ash Pond System, and subsequently revised on September 4, 2025. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

35 I.A.C. § 845.610(B)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 3, 2025
FLY ASH POND SYSTEM, BALDWIN POWER PLANT, BALDWIN, ILLINOIS

October 28, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on August 29, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2025 sampling event. Compliance monitoring well MW-391R was dry; therefore, groundwater elevation data and a groundwater sample were not collected. **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, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan²), and subsequently revised and submitted to IEPA^{3,4}, constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

The date of this submittal is considered to be the date that the exceedances were detected.

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 3, 2025
Table 2	Evaluation of Compliance - Quarter 3, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Baldwin Power Plant Fly Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Dynegy Midwest Generation, LLC has not identified any actual exceedances.

² Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois*. October 25, 2021.

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *Groundwater Monitoring Plan Revision 1, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois*. August 25, 2023.

⁴ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. *Groundwater Monitoring Plan Revision 2, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois*. September 4, 2025.

ATTACHMENTS

- Attachment A Groundwater Elevation Data - Quarter 3, 2025
- Attachment B Laboratory Reports and Field Data Sheets - Quarter 3, 2025
- Attachment C Comparison to Background - Quarter 3, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	E010	07/29/2025	Antimony, total	0.0006 J	mg/L
MW-304	Background	E010	07/29/2025	Arsenic, total	0.00260	mg/L
MW-304	Background	E010	07/29/2025	Barium, total	0.0192	mg/L
MW-304	Background	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E010	07/29/2025	Boron, total	1.67	mg/L
MW-304	Background	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-304	Background	E010	07/29/2025	Calcium, total	13.1	mg/L
MW-304	Background	E010	07/29/2025	Chloride, total	168	mg/L
MW-304	Background	E010	07/29/2025	Chromium, total	0.0007 J	mg/L
MW-304	Background	E010	07/29/2025	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E010	07/29/2025	Dissolved Oxygen	0.710	mg/L
MW-304	Background	E010	07/29/2025	Fluoride, total	1.74	mg/L
MW-304	Background	E010	07/29/2025	Lead, total	0.0006 U	mg/L
MW-304	Background	E010	07/29/2025	Lithium, total	0.0753	mg/L
MW-304	Background	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-304	Background	E010	07/29/2025	Molybdenum, total	0.0008 J	mg/L
MW-304	Background	E010	07/29/2025	Oxidation Reduction Potential	0	mV
MW-304	Background	E010	07/29/2025	pH (field)	7.7	SU
MW-304	Background	E010	07/29/2025	Radium 226 + Radium 228, total	1.21	pCi/L
MW-304	Background	E010	07/29/2025	Selenium, total	0.0006 U	mg/L
MW-304	Background	E010	07/29/2025	Specific Conductance @ 25C (field)	2,200	micromhos/cm
MW-304	Background	E010	07/29/2025	Sulfate, total	190	mg/L
MW-304	Background	E010	07/29/2025	Temperature	19.6	degrees C
MW-304	Background	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-304	Background	E010	07/29/2025	Total Dissolved Solids	1,470	mg/L
MW-304	Background	E010	07/29/2025	Turbidity, field	3.50	NTU
MW-358R	Background	E010	07/29/2025	Antimony, total	0.0005 J	mg/L
MW-358R	Background	E010	07/29/2025	Arsenic, total	0.00120	mg/L
MW-358R	Background	E010	07/29/2025	Barium, total	0.107	mg/L
MW-358R	Background	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L
MW-358R	Background	E010	07/29/2025	Boron, total	1.34	mg/L
MW-358R	Background	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-358R	Background	E010	07/29/2025	Calcium, total	23.3	mg/L
MW-358R	Background	E010	07/29/2025	Chloride, total	1,340	mg/L
MW-358R	Background	E010	07/29/2025	Chromium, total	0.00320	mg/L
MW-358R	Background	E010	07/29/2025	Cobalt, total	0.0003 J	mg/L
MW-358R	Background	E010	07/29/2025	Dissolved Oxygen	0.500	mg/L
MW-358R	Background	E010	07/29/2025	Fluoride, total	2.19	mg/L
MW-358R	Background	E010	07/29/2025	Lead, total	0.0006 U	mg/L
MW-358R	Background	E010	07/29/2025	Lithium, total	0.00480	mg/L
MW-358R	Background	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-358R	Background	E010	07/29/2025	Molybdenum, total	0.0127	mg/L
MW-358R	Background	E010	07/29/2025	Oxidation Reduction Potential	-55.0	mV
MW-358R	Background	E010	07/29/2025	pH (field)	7.4	SU
MW-358R	Background	E010	07/29/2025	Radium 226 + Radium 228, total	1.74	pCi/L
MW-358R	Background	E010	07/29/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-358R	Background	E010	07/29/2025	Specific Conductance @ 25C (field)	4,430	micromhos/cm
MW-358R	Background	E010	07/29/2025	Sulfate, total	2.2 J	mg/L
MW-358R	Background	E010	07/29/2025	Temperature	21.0	degrees C
MW-358R	Background	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-358R	Background	E010	07/29/2025	Total Dissolved Solids	3,060	mg/L
MW-358R	Background	E010	07/29/2025	Turbidity, field	16.0	NTU
MW-150	Compliance	E010	07/31/2025	Antimony, total	0.0004 U	mg/L
MW-150	Compliance	E010	07/31/2025	Arsenic, total	0.0004 U	mg/L
MW-150	Compliance	E010	07/31/2025	Barium, total	0.0154	mg/L
MW-150	Compliance	E010	07/31/2025	Beryllium, total	0.0002 U	mg/L
MW-150	Compliance	E010	07/31/2025	Boron, total	3.74	mg/L
MW-150	Compliance	E010	07/31/2025	Cadmium, total	0.0002 U	mg/L
MW-150	Compliance	E010	07/31/2025	Calcium, total	174	mg/L
MW-150	Compliance	E010	07/31/2025	Chloride, total	44.4	mg/L
MW-150	Compliance	E010	07/31/2025	Chromium, total	0.0007 U	mg/L
MW-150	Compliance	E010	07/31/2025	Cobalt, total	0.0001 U	mg/L
MW-150	Compliance	E010	07/31/2025	Dissolved Oxygen	1.10	mg/L
MW-150	Compliance	E010	07/31/2025	Fluoride, total	0.670	mg/L
MW-150	Compliance	E010	07/31/2025	Lead, total	0.0006 U	mg/L
MW-150	Compliance	E010	07/31/2025	Lithium, total	0.0487	mg/L
MW-150	Compliance	E010	07/31/2025	Mercury, total	0.00006 U	mg/L
MW-150	Compliance	E010	07/31/2025	Molybdenum, total	0.0006 J	mg/L
MW-150	Compliance	E010	07/31/2025	Oxidation Reduction Potential	-37.0	mV
MW-150	Compliance	E010	07/31/2025	pH (field)	6.9	SU
MW-150	Compliance	E010	07/31/2025	Radium 226 + Radium 228, total	0.185	pCi/L
MW-150	Compliance	E010	07/31/2025	Selenium, total	0.0008 J	mg/L
MW-150	Compliance	E010	07/31/2025	Specific Conductance @ 25C (field)	1,160	micromhos/cm
MW-150	Compliance	E010	07/31/2025	Sulfate, total	847	mg/L
MW-150	Compliance	E010	07/31/2025	Temperature	15.4	degrees C
MW-150	Compliance	E010	07/31/2025	Thallium, total	0.001 U	mg/L
MW-150	Compliance	E010	07/31/2025	Total Dissolved Solids	1,670	mg/L
MW-150	Compliance	E010	07/31/2025	Turbidity, field	1 U	NTU
MW-151	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-151	Compliance	E010	07/30/2025	Arsenic, total	0.0004 U	mg/L
MW-151	Compliance	E010	07/30/2025	Barium, total	0.0564	mg/L
MW-151	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-151	Compliance	E010	07/30/2025	Boron, total	0.585	mg/L
MW-151	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-151	Compliance	E010	07/30/2025	Calcium, total	112	mg/L
MW-151	Compliance	E010	07/30/2025	Chloride, total	35.0	mg/L
MW-151	Compliance	E010	07/30/2025	Chromium, total	0.0011 J	mg/L
MW-151	Compliance	E010	07/30/2025	Cobalt, total	0.0004 J	mg/L
MW-151	Compliance	E010	07/30/2025	Dissolved Oxygen	1.00	mg/L
MW-151	Compliance	E010	07/30/2025	Fluoride, total	0.24 J	mg/L
MW-151	Compliance	E010	07/30/2025	Lead, total	0.0006 U	mg/L
MW-151	Compliance	E010	07/30/2025	Lithium, total	0.0250	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-151	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-151	Compliance	E010	07/30/2025	Molybdenum, total	0.0006 U	mg/L
MW-151	Compliance	E010	07/30/2025	Oxidation Reduction Potential	21.0	mV
MW-151	Compliance	E010	07/30/2025	pH (field)	6.9	SU
MW-151	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	0.462	pCi/L
MW-151	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	828	micromhos/cm
MW-151	Compliance	E010	07/30/2025	Sulfate, total	66.2	mg/L
MW-151	Compliance	E010	07/30/2025	Temperature	20.4	degrees C
MW-151	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E010	07/30/2025	Total Dissolved Solids	612	mg/L
MW-151	Compliance	E010	07/30/2025	Turbidity, field	130	NTU
MW-152	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-152	Compliance	E010	07/30/2025	Arsenic, total	0.0007 J	mg/L
MW-152	Compliance	E010	07/30/2025	Barium, total	0.0137 J+	mg/L
MW-152	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-152	Compliance	E010	07/30/2025	Boron, total	0.368	mg/L
MW-152	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-152	Compliance	E010	07/30/2025	Calcium, total	112	mg/L
MW-152	Compliance	E010	07/30/2025	Chloride, total	5.51	mg/L
MW-152	Compliance	E010	07/30/2025	Chromium, total	0.00180	mg/L
MW-152	Compliance	E010	07/30/2025	Cobalt, total	0.0004 J	mg/L
MW-152	Compliance	E010	07/30/2025	Dissolved Oxygen	0.720	mg/L
MW-152	Compliance	E010	07/30/2025	Fluoride, total	0.3 J	mg/L
MW-152	Compliance	E010	07/30/2025	Lead, total	0.0008 J	mg/L
MW-152	Compliance	E010	07/30/2025	Lithium, total	0.00890	mg/L
MW-152	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-152	Compliance	E010	07/30/2025	Molybdenum, total	0.0006 U	mg/L
MW-152	Compliance	E010	07/30/2025	Oxidation Reduction Potential	5.00	mV
MW-152	Compliance	E010	07/30/2025	pH (field)	7.0	SU
MW-152	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	0	pCi/L
MW-152	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-152	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	866	micromhos/cm
MW-152	Compliance	E010	07/30/2025	Sulfate, total	205	mg/L
MW-152	Compliance	E010	07/30/2025	Temperature	18.0	degrees C
MW-152	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-152	Compliance	E010	07/30/2025	Total Dissolved Solids	718	mg/L
MW-152	Compliance	E010	07/30/2025	Turbidity, field	29.0	NTU
MW-153	Compliance	E010	07/29/2025	Antimony, total	0.001 UJ	mg/L
MW-153	Compliance	E010	07/29/2025	Arsenic, total	0.00110	mg/L
MW-153	Compliance	E010	07/29/2025	Barium, total	0.0750	mg/L
MW-153	Compliance	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L
MW-153	Compliance	E010	07/29/2025	Boron, total	0.025 UJ	mg/L
MW-153	Compliance	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-153	Compliance	E010	07/29/2025	Calcium, total	48.0	mg/L
MW-153	Compliance	E010	07/29/2025	Chloride, total	13.6	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-153	Compliance	E010	07/29/2025	Chromium, total	0.00390	mg/L
MW-153	Compliance	E010	07/29/2025	Cobalt, total	0.0005 J	mg/L
MW-153	Compliance	E010	07/29/2025	Dissolved Oxygen	1.93	mg/L
MW-153	Compliance	E010	07/29/2025	Fluoride, total	0.37 J	mg/L
MW-153	Compliance	E010	07/29/2025	Lead, total	0.00280	mg/L
MW-153	Compliance	E010	07/29/2025	Lithium, total	0.00540	mg/L
MW-153	Compliance	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-153	Compliance	E010	07/29/2025	Molybdenum, total	0.0008 J	mg/L
MW-153	Compliance	E010	07/29/2025	Oxidation Reduction Potential	-171	mV
MW-153	Compliance	E010	07/29/2025	pH (field)	6.8	SU
MW-153	Compliance	E010	07/29/2025	Radium 226 + Radium 228, total	0.998	pCi/L
MW-153	Compliance	E010	07/29/2025	Selenium, total	0.00170	mg/L
MW-153	Compliance	E010	07/29/2025	Specific Conductance @ 25C (field)	633	micromhos/cm
MW-153	Compliance	E010	07/29/2025	Sulfate, total	55.7	mg/L
MW-153	Compliance	E010	07/29/2025	Temperature	25.1	degrees C
MW-153	Compliance	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E010	07/29/2025	Total Dissolved Solids	438	mg/L
MW-153	Compliance	E010	07/29/2025	Turbidity, field	70.0	NTU
MW-252	Compliance	E010	07/30/2025	Antimony, total	0.0005 J	mg/L
MW-252	Compliance	E010	07/30/2025	Arsenic, total	0.0006 J	mg/L
MW-252	Compliance	E010	07/30/2025	Barium, total	0.0311	mg/L
MW-252	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-252	Compliance	E010	07/30/2025	Boron, total	0.154 J+	mg/L
MW-252	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-252	Compliance	E010	07/30/2025	Calcium, total	214	mg/L
MW-252	Compliance	E010	07/30/2025	Chloride, total	36.5	mg/L
MW-252	Compliance	E010	07/30/2025	Chromium, total	0.0014 J	mg/L
MW-252	Compliance	E010	07/30/2025	Cobalt, total	0.00190	mg/L
MW-252	Compliance	E010	07/30/2025	Dissolved Oxygen	1.74	mg/L
MW-252	Compliance	E010	07/30/2025	Fluoride, total	0.2 J	mg/L
MW-252	Compliance	E010	07/30/2025	Lead, total	0.0007 J	mg/L
MW-252	Compliance	E010	07/30/2025	Lithium, total	0.0152	mg/L
MW-252	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-252	Compliance	E010	07/30/2025	Molybdenum, total	0.0008 J	mg/L
MW-252	Compliance	E010	07/30/2025	Oxidation Reduction Potential	-2.00	mV
MW-252	Compliance	E010	07/30/2025	pH (field)	6.9	SU
MW-252	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	0.571	pCi/L
MW-252	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-252	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	1,190	micromhos/cm
MW-252	Compliance	E010	07/30/2025	Sulfate, total	493	mg/L
MW-252	Compliance	E010	07/30/2025	Temperature	24.7	degrees C
MW-252	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-252	Compliance	E010	07/30/2025	Total Dissolved Solids	1,330	mg/L
MW-252	Compliance	E010	07/30/2025	Turbidity, field	49.0	NTU
MW-253R	Compliance	E010	07/29/2025	Antimony, total	0.0004 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Arsenic, total	0.00510	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-253R	Compliance	E010	07/29/2025	Barium, total	0.0347	mg/L
MW-253R	Compliance	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Boron, total	0.236 J+	mg/L
MW-253R	Compliance	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Calcium, total	204	mg/L
MW-253R	Compliance	E010	07/29/2025	Chloride, total	19.0	mg/L
MW-253R	Compliance	E010	07/29/2025	Chromium, total	0.0007 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Cobalt, total	0.0001 J	mg/L
MW-253R	Compliance	E010	07/29/2025	Dissolved Oxygen	0.680	mg/L
MW-253R	Compliance	E010	07/29/2025	Fluoride, total	0.24 J	mg/L
MW-253R	Compliance	E010	07/29/2025	Lead, total	0.00300	mg/L
MW-253R	Compliance	E010	07/29/2025	Lithium, total	0.0175	mg/L
MW-253R	Compliance	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Molybdenum, total	0.0006 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Oxidation Reduction Potential	-318	mV
MW-253R	Compliance	E010	07/29/2025	pH (field)	6.8	SU
MW-253R	Compliance	E010	07/29/2025	Radium 226 + Radium 228, total	0.849	pCi/L
MW-253R	Compliance	E010	07/29/2025	Selenium, total	0.0006 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Specific Conductance @ 25C (field)	1,800	micromhos/cm
MW-253R	Compliance	E010	07/29/2025	Sulfate, total	507	mg/L
MW-253R	Compliance	E010	07/29/2025	Temperature	17.7	degrees C
MW-253R	Compliance	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-253R	Compliance	E010	07/29/2025	Total Dissolved Solids	1,350	mg/L
MW-253R	Compliance	E010	07/29/2025	Turbidity, field	35.0	NTU
MW-350R	Compliance	E010	07/31/2025	Antimony, total	0.0004 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Arsenic, total	0.0008 J	mg/L
MW-350R	Compliance	E010	07/31/2025	Barium, total	0.123	mg/L
MW-350R	Compliance	E010	07/31/2025	Beryllium, total	0.0002 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Boron, total	1.09	mg/L
MW-350R	Compliance	E010	07/31/2025	Cadmium, total	0.0002 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Calcium, total	42.3	mg/L
MW-350R	Compliance	E010	07/31/2025	Chloride, total	11.5	mg/L
MW-350R	Compliance	E010	07/31/2025	Chromium, total	0.0007 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Cobalt, total	0.0001 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Dissolved Oxygen	0.710	mg/L
MW-350R	Compliance	E010	07/31/2025	Fluoride, total	0.700	mg/L
MW-350R	Compliance	E010	07/31/2025	Lead, total	0.0006 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Lithium, total	0.0413	mg/L
MW-350R	Compliance	E010	07/31/2025	Mercury, total	0.00006 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Molybdenum, total	0.00610	mg/L
MW-350R	Compliance	E010	07/31/2025	Oxidation Reduction Potential	-32.0	mV
MW-350R	Compliance	E010	07/31/2025	pH (field)	7.0	SU
MW-350R	Compliance	E010	07/31/2025	Radium 226 + Radium 228, total	0.574	pCi/L
MW-350R	Compliance	E010	07/31/2025	Selenium, total	0.0006 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Specific Conductance @ 25C (field)	614	micromhos/cm
MW-350R	Compliance	E010	07/31/2025	Sulfate, total	42.8	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-350R	Compliance	E010	07/31/2025	Temperature	16.1	degrees C
MW-350R	Compliance	E010	07/31/2025	Thallium, total	0.001 U	mg/L
MW-350R	Compliance	E010	07/31/2025	Total Dissolved Solids	540	mg/L
MW-350R	Compliance	E010	07/31/2025	Turbidity, field	4.00	NTU
MW-352	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-352	Compliance	E010	07/30/2025	Arsenic, total	0.0004 J	mg/L
MW-352	Compliance	E010	07/30/2025	Barium, total	0.0924	mg/L
MW-352	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E010	07/30/2025	Boron, total	2.06	mg/L
MW-352	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-352	Compliance	E010	07/30/2025	Calcium, total	97.5	mg/L
MW-352	Compliance	E010	07/30/2025	Chloride, total	610	mg/L
MW-352	Compliance	E010	07/30/2025	Chromium, total	0.0007 U	mg/L
MW-352	Compliance	E010	07/30/2025	Cobalt, total	0.0004 J	mg/L
MW-352	Compliance	E010	07/30/2025	Dissolved Oxygen	0.640	mg/L
MW-352	Compliance	E010	07/30/2025	Fluoride, total	1.47	mg/L
MW-352	Compliance	E010	07/30/2025	Lead, total	0.0008 J	mg/L
MW-352	Compliance	E010	07/30/2025	Lithium, total	0.0854	mg/L
MW-352	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-352	Compliance	E010	07/30/2025	Molybdenum, total	0.0006 U	mg/L
MW-352	Compliance	E010	07/30/2025	Oxidation Reduction Potential	-80.0	mV
MW-352	Compliance	E010	07/30/2025	pH (field)	7.5	SU
MW-352	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	1.68	pCi/L
MW-352	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	1,470	micromhos/cm
MW-352	Compliance	E010	07/30/2025	Sulfate, total	3.8 J	mg/L
MW-352	Compliance	E010	07/30/2025	Temperature	21.5	degrees C
MW-352	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E010	07/30/2025	Total Dissolved Solids	1,420	mg/L
MW-352	Compliance	E010	07/30/2025	Turbidity, field	3.00	NTU
MW-366	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-366	Compliance	E010	07/30/2025	Arsenic, total	0.0009 J	mg/L
MW-366	Compliance	E010	07/30/2025	Barium, total	0.0267	mg/L
MW-366	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-366	Compliance	E010	07/30/2025	Boron, total	2.60	mg/L
MW-366	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-366	Compliance	E010	07/30/2025	Calcium, total	248	mg/L
MW-366	Compliance	E010	07/30/2025	Chloride, total	51.0	mg/L
MW-366	Compliance	E010	07/30/2025	Chromium, total	0.0007 U	mg/L
MW-366	Compliance	E010	07/30/2025	Cobalt, total	0.0004 J	mg/L
MW-366	Compliance	E010	07/30/2025	Dissolved Oxygen	0.650	mg/L
MW-366	Compliance	E010	07/30/2025	Fluoride, total	0.28 J	mg/L
MW-366	Compliance	E010	07/30/2025	Lead, total	0.0007 J	mg/L
MW-366	Compliance	E010	07/30/2025	Lithium, total	0.00860	mg/L
MW-366	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-366	Compliance	E010	07/30/2025	Molybdenum, total	0.0013 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-366	Compliance	E010	07/30/2025	Oxidation Reduction Potential	75.0	mV
MW-366	Compliance	E010	07/30/2025	pH (field)	6.6	SU
MW-366	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	0.426	pCi/L
MW-366	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-366	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	1,570	micromhos/cm
MW-366	Compliance	E010	07/30/2025	Sulfate, total	724	mg/L
MW-366	Compliance	E010	07/30/2025	Temperature	17.5	degrees C
MW-366	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-366	Compliance	E010	07/30/2025	Total Dissolved Solids	1,670	mg/L
MW-366	Compliance	E010	07/30/2025	Turbidity, field	11.0	NTU
MW-375	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-375	Compliance	E010	07/30/2025	Arsenic, total	0.00260	mg/L
MW-375	Compliance	E010	07/30/2025	Barium, total	0.0252	mg/L
MW-375	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-375	Compliance	E010	07/30/2025	Boron, total	1.31	mg/L
MW-375	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-375	Compliance	E010	07/30/2025	Calcium, total	14.9	mg/L
MW-375	Compliance	E010	07/30/2025	Chloride, total	92.9	mg/L
MW-375	Compliance	E010	07/30/2025	Chromium, total	0.0007 U	mg/L
MW-375	Compliance	E010	07/30/2025	Cobalt, total	0.00180	mg/L
MW-375	Compliance	E010	07/30/2025	Dissolved Oxygen	0.840	mg/L
MW-375	Compliance	E010	07/30/2025	Fluoride, total	2.30	mg/L
MW-375	Compliance	E010	07/30/2025	Lead, total	0.00210	mg/L
MW-375	Compliance	E010	07/30/2025	Lithium, total	0.0645	mg/L
MW-375	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-375	Compliance	E010	07/30/2025	Molybdenum, total	0.0157	mg/L
MW-375	Compliance	E010	07/30/2025	Oxidation Reduction Potential	-219	mV
MW-375	Compliance	E010	07/30/2025	pH (field)	7.5	SU
MW-375	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	0.547	pCi/L
MW-375	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-375	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	1,690	micromhos/cm
MW-375	Compliance	E010	07/30/2025	Sulfate, total	82.3	mg/L
MW-375	Compliance	E010	07/30/2025	Temperature	17.1	degrees C
MW-375	Compliance	E010	07/30/2025	Thallium, total	0.001 U	mg/L
MW-375	Compliance	E010	07/30/2025	Total Dissolved Solids	988	mg/L
MW-375	Compliance	E010	07/30/2025	Turbidity, field	3.50	NTU
MW-377	Compliance	E010	07/31/2025	Antimony, total	0.0004 U	mg/L
MW-377	Compliance	E010	07/31/2025	Arsenic, total	0.0004 U	mg/L
MW-377	Compliance	E010	07/31/2025	Barium, total	0.0583	mg/L
MW-377	Compliance	E010	07/31/2025	Beryllium, total	0.0002 U	mg/L
MW-377	Compliance	E010	07/31/2025	Boron, total	1.59	mg/L
MW-377	Compliance	E010	07/31/2025	Cadmium, total	0.0002 U	mg/L
MW-377	Compliance	E010	07/31/2025	Calcium, total	51.9	mg/L
MW-377	Compliance	E010	07/31/2025	Chloride, total	94.3	mg/L
MW-377	Compliance	E010	07/31/2025	Chromium, total	0.0007 U	mg/L
MW-377	Compliance	E010	07/31/2025	Cobalt, total	0.0001 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-377	Compliance	E010	07/31/2025	Dissolved Oxygen	1.21	mg/L
MW-377	Compliance	E010	07/31/2025	Fluoride, total	1.25	mg/L
MW-377	Compliance	E010	07/31/2025	Lead, total	0.0006 U	mg/L
MW-377	Compliance	E010	07/31/2025	Lithium, total	0.0567	mg/L
MW-377	Compliance	E010	07/31/2025	Mercury, total	0.00006 U	mg/L
MW-377	Compliance	E010	07/31/2025	Molybdenum, total	0.0006 U	mg/L
MW-377	Compliance	E010	07/31/2025	Oxidation Reduction Potential	16.0	mV
MW-377	Compliance	E010	07/31/2025	pH (field)	7.1	SU
MW-377	Compliance	E010	07/31/2025	Radium 226 + Radium 228, total	1.72	pCi/L
MW-377	Compliance	E010	07/31/2025	Selenium, total	0.0006 U	mg/L
MW-377	Compliance	E010	07/31/2025	Specific Conductance @ 25C (field)	862	micromhos/cm
MW-377	Compliance	E010	07/31/2025	Sulfate, total	34.4	mg/L
MW-377	Compliance	E010	07/31/2025	Temperature	17.2	degrees C
MW-377	Compliance	E010	07/31/2025	Thallium, total	0.001 U	mg/L
MW-377	Compliance	E010	07/31/2025	Total Dissolved Solids	664	mg/L
MW-377	Compliance	E010	07/31/2025	Turbidity, field	1.20	NTU
MW-383	Compliance	E010	07/29/2025	Antimony, total	0.0004 U	mg/L
MW-383	Compliance	E010	07/29/2025	Arsenic, total	0.0005 J	mg/L
MW-383	Compliance	E010	07/29/2025	Barium, total	0.0444	mg/L
MW-383	Compliance	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L
MW-383	Compliance	E010	07/29/2025	Boron, total	1.24	mg/L
MW-383	Compliance	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-383	Compliance	E010	07/29/2025	Calcium, total	23.5	mg/L
MW-383	Compliance	E010	07/29/2025	Chloride, total	40.8	mg/L
MW-383	Compliance	E010	07/29/2025	Chromium, total	0.0007 U	mg/L
MW-383	Compliance	E010	07/29/2025	Cobalt, total	0.0002 J	mg/L
MW-383	Compliance	E010	07/29/2025	Dissolved Oxygen	0.760	mg/L
MW-383	Compliance	E010	07/29/2025	Fluoride, total	0.650	mg/L
MW-383	Compliance	E010	07/29/2025	Lead, total	0.0006 U	mg/L
MW-383	Compliance	E010	07/29/2025	Lithium, total	0.0323	mg/L
MW-383	Compliance	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-383	Compliance	E010	07/29/2025	Molybdenum, total	0.00880	mg/L
MW-383	Compliance	E010	07/29/2025	Oxidation Reduction Potential	-112	mV
MW-383	Compliance	E010	07/29/2025	pH (field)	7.4	SU
MW-383	Compliance	E010	07/29/2025	Radium 226 + Radium 228, total	1.05	pCi/L
MW-383	Compliance	E010	07/29/2025	Selenium, total	0.0006 U	mg/L
MW-383	Compliance	E010	07/29/2025	Specific Conductance @ 25C (field)	1,550	micromhos/cm
MW-383	Compliance	E010	07/29/2025	Sulfate, total	170	mg/L
MW-383	Compliance	E010	07/29/2025	Temperature	20.1	degrees C
MW-383	Compliance	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-383	Compliance	E010	07/29/2025	Total Dissolved Solids	932	mg/L
MW-383	Compliance	E010	07/29/2025	Turbidity, field	33.0	NTU
MW-384	Compliance	E010	07/29/2025	Antimony, total	0.0004 U	mg/L
MW-384	Compliance	E010	07/29/2025	Arsenic, total	0.0004 U	mg/L
MW-384	Compliance	E010	07/29/2025	Barium, total	0.0508	mg/L
MW-384	Compliance	E010	07/29/2025	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-384	Compliance	E010	07/29/2025	Boron, total	1.49	mg/L
MW-384	Compliance	E010	07/29/2025	Cadmium, total	0.0002 U	mg/L
MW-384	Compliance	E010	07/29/2025	Calcium, total	16.7	mg/L
MW-384	Compliance	E010	07/29/2025	Chloride, total	551	mg/L
MW-384	Compliance	E010	07/29/2025	Chromium, total	0.00200	mg/L
MW-384	Compliance	E010	07/29/2025	Cobalt, total	0.0002 J	mg/L
MW-384	Compliance	E010	07/29/2025	Dissolved Oxygen	0.870	mg/L
MW-384	Compliance	E010	07/29/2025	Fluoride, total	4.06	mg/L
MW-384	Compliance	E010	07/29/2025	Lead, total	0.0006 U	mg/L
MW-384	Compliance	E010	07/29/2025	Lithium, total	0.0442	mg/L
MW-384	Compliance	E010	07/29/2025	Mercury, total	0.00006 U	mg/L
MW-384	Compliance	E010	07/29/2025	Molybdenum, total	0.0112	mg/L
MW-384	Compliance	E010	07/29/2025	Oxidation Reduction Potential	-82.0	mV
MW-384	Compliance	E010	07/29/2025	pH (field)	7.7	SU
MW-384	Compliance	E010	07/29/2025	Radium 226 + Radium 228, total	0.735	pCi/L
MW-384	Compliance	E010	07/29/2025	Selenium, total	0.0006 U	mg/L
MW-384	Compliance	E010	07/29/2025	Specific Conductance @ 25C (field)	2,850	micromhos/cm
MW-384	Compliance	E010	07/29/2025	Sulfate, total	31.3	mg/L
MW-384	Compliance	E010	07/29/2025	Temperature	18.9	degrees C
MW-384	Compliance	E010	07/29/2025	Thallium, total	0.001 U	mg/L
MW-384	Compliance	E010	07/29/2025	Total Dissolved Solids	1,570	mg/L
MW-384	Compliance	E010	07/29/2025	Turbidity, field	23.0	NTU
MW-390	Compliance	E010	07/30/2025	Antimony, total	0.0004 U	mg/L
MW-390	Compliance	E010	07/30/2025	Arsenic, total	0.00110	mg/L
MW-390	Compliance	E010	07/30/2025	Barium, total	0.0860	mg/L
MW-390	Compliance	E010	07/30/2025	Beryllium, total	0.0002 U	mg/L
MW-390	Compliance	E010	07/30/2025	Boron, total	0.111 J+	mg/L
MW-390	Compliance	E010	07/30/2025	Cadmium, total	0.0002 U	mg/L
MW-390	Compliance	E010	07/30/2025	Calcium, total	114	mg/L
MW-390	Compliance	E010	07/30/2025	Chloride, total	51.2	mg/L
MW-390	Compliance	E010	07/30/2025	Chromium, total	0.0007 U	mg/L
MW-390	Compliance	E010	07/30/2025	Cobalt, total	0.0001 U	mg/L
MW-390	Compliance	E010	07/30/2025	Dissolved Oxygen	0.650	mg/L
MW-390	Compliance	E010	07/30/2025	Fluoride, total	0.36 J	mg/L
MW-390	Compliance	E010	07/30/2025	Lead, total	0.0006 U	mg/L
MW-390	Compliance	E010	07/30/2025	Lithium, total	0.00970	mg/L
MW-390	Compliance	E010	07/30/2025	Mercury, total	0.00006 U	mg/L
MW-390	Compliance	E010	07/30/2025	Molybdenum, total	0.00360	mg/L
MW-390	Compliance	E010	07/30/2025	Oxidation Reduction Potential	-75.0	mV
MW-390	Compliance	E010	07/30/2025	pH (field)	6.7	SU
MW-390	Compliance	E010	07/30/2025	Radium 226 + Radium 228, total	2.1	pCi/L
MW-390	Compliance	E010	07/30/2025	Selenium, total	0.0006 U	mg/L
MW-390	Compliance	E010	07/30/2025	Specific Conductance @ 25C (field)	1,130	micromhos/cm
MW-390	Compliance	E010	07/30/2025	Sulfate, total	118	mg/L
MW-390	Compliance	E010	07/30/2025	Temperature	16.8	degrees C
MW-390	Compliance	E010	07/30/2025	Thallium, total	0.002 UJ	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-390	Compliance	E010	07/30/2025	Total Dissolved Solids	656	mg/L
MW-390	Compliance	E010	07/30/2025	Turbidity, field	29.0	NTU
MW-391R	Compliance	E010	--	Antimony, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Arsenic, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Barium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Beryllium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Boron, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Cadmium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Calcium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Chloride, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Chromium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Cobalt, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Dissolved Oxygen	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Fluoride, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Lead, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Lithium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Mercury, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Molybdenum, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Oxidation Reduction Potential	NS ⁷	mV
MW-391R	Compliance	E010	--	pH (field)	NS ⁷	SU
MW-391R	Compliance	E010	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-391R	Compliance	E010	--	Selenium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-391R	Compliance	E010	--	Sulfate, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Temperature	NS ⁷	degrees C
MW-391R	Compliance	E010	--	Thallium, total	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Total Dissolved Solids	NS ⁷	mg/L
MW-391R	Compliance	E010	--	Turbidity, field	NS ⁷	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E010 = Quarter 3, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

- NR¹ = Parameter not analyzed.
- NS¹ = 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 = The location was not accessible; therefore, a sample was not collected.
- NS⁴ = The location could not be found; therefore, a sample was not collected.
- NS⁵ = The location was damaged; therefore, a sample was not collected.
- NS⁶ = Sampling pump could not yield a sample.
- NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS⁸ = A sample was not collected.
- PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:

- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ = The result is an estimated quantity, but the result may be biased high.
- U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-150	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-150	PMP	E010	Barium, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0147	2.0	Standard	No Exceedance
MW-150	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-150	PMP	E010	Boron, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	3.48	2.23	Background	Exceedance
MW-150	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-150	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	48.2	1,370	Background	No Exceedance
MW-150	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/31/25	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.661	4.0	Standard	No Exceedance
MW-150	PMP	E010	Lead, total	mg/L	03/15/23 - 07/31/25	11	91	CI around median	0.001	0.0075	Standard	No Exceedance
MW-150	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0491	0.123	Background	No Exceedance
MW-150	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-150	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/31/25	11	54	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E010	pH (field)	SU	03/22/16 - 07/31/25	39	0	CB around T-S line	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-150	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0567	5	Standard	No Exceedance
MW-150	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/31/25	11	64	CI around median	0.001	0.05	Standard	No Exceedance
MW-150	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	849	400	Standard	Exceedance
MW-150	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-150	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/31/25	39	0	CB around linear reg	1,680	3,260	Background	No Exceedance
MW-151	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	12	67	CI around median	0.001	0.010	Standard	No Exceedance
MW-151	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	0.055	2.0	Standard	No Exceedance
MW-151	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.004	Standard	No Exceedance
MW-151	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	0.576	2.23	Background	No Exceedance
MW-151	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-151	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	36.7	1,370	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-151	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	12	33	CI around geomean	0.00208	0.1	Standard	No Exceedance
MW-151	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	12	42	CI around median	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	12	17	CI around mean	0.498	4.0	Standard	No Exceedance
MW-151	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	12	50	CI around geomean	0.000968	0.0075	Standard	No Exceedance
MW-151	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	0.0255	0.123	Background	No Exceedance
MW-151	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-151	PMP	E010	pH (field)	SU	03/16/17 - 07/30/25	36	0	CI around mean	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-151	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	12	0	CI around mean	0.162	5	Standard	No Exceedance
MW-151	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-151	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	77.3	400	Standard	No Exceedance
MW-151	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E010	Total Dissolved Solids	mg/L	03/16/17 - 07/30/25	36	0	CB around T-S line	560	3,260	Background	No Exceedance
MW-152	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	11	46	CI around median	0.001	0.010	Standard	No Exceedance
MW-152	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0162	2.0	Standard	No Exceedance
MW-152	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-152	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	11	0	CI around median	0.422	2.23	Background	No Exceedance
MW-152	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-152	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	11	0	CI around geomean	8.27	1,370	Background	No Exceedance
MW-152	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	11	36	CI around mean	0.00165	0.1	Standard	No Exceedance
MW-152	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	11	46	CI around geomean	0.00102	0.006	Standard	No Exceedance
MW-152	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	11	36	CI around mean	0.257	4.0	Standard	No Exceedance
MW-152	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	11	46	CI around mean	0.00107	0.0075	Standard	No Exceedance
MW-152	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	11	9	CI around mean	0.00871	0.123	Background	No Exceedance
MW-152	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-152	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-152	PMP	E010	pH (field)	SU	03/22/16 - 07/30/25	39	0	CI around median	6.8/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-152	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	11	0	CI around mean	0.31	5	Standard	No Exceedance
MW-152	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-152	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	287	400	Standard	No Exceedance
MW-152	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-152	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	39	0	CB around linear reg	507	3,260	Background	No Exceedance
MW-153	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/29/25	12	75	CI around median	0.001	0.010	Standard	No Exceedance
MW-153	PMP	E010	Barium, total	mg/L	03/15/23 - 07/29/25	12	0	CI around geomean	0.0371	2.0	Standard	No Exceedance
MW-153	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/29/25	12	83	CI around median	0.0006	0.004	Standard	No Exceedance
MW-153	PMP	E010	Boron, total	mg/L	03/15/23 - 07/29/25	12	67	CI around median	0.02	2.23	Background	No Exceedance
MW-153	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-153	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	15.4	1,370	Background	No Exceedance
MW-153	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/29/25	12	50	CI around geomean	0.00164	0.1	Standard	No Exceedance
MW-153	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/29/25	12	75	CI around median	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/29/25	12	33	CI around mean	0.382	4.0	Standard	No Exceedance
MW-153	PMP	E010	Lead, total	mg/L	03/15/23 - 07/29/25	12	50	CI around geomean	0.000954	0.0075	Standard	No Exceedance
MW-153	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/29/25	12	8	CB around T-S line	0.00537	0.123	Background	No Exceedance
MW-153	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/29/25	12	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E010	pH (field)	SU	03/22/16 - 07/29/25	40	0	CB around T-S line	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-153	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/29/25	12	0	CI around geomean	0.533	5	Standard	No Exceedance
MW-153	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	0.00213	0.05	Standard	No Exceedance
MW-153	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	59.4	400	Standard	No Exceedance
MW-153	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/29/25	40	0	CI around median	370	3,260	Background	No Exceedance
MW-252	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	11	46	CI around geomean	0.00102	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-252	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	11	73	CI around median	0.001	0.010	Standard	No Exceedance
MW-252	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0243	2.0	Standard	No Exceedance
MW-252	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-252	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.15	2.23	Background	No Exceedance
MW-252	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-252	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	36.2	1,370	Background	No Exceedance
MW-252	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	11	73	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	11	18	CI around mean	0.00117	0.006	Standard	No Exceedance
MW-252	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	11	36	CB around linear reg	0.366	4.0	Standard	No Exceedance
MW-252	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	11	82	CI around median	0.001	0.0075	Standard	No Exceedance
MW-252	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0135	0.123	Background	No Exceedance
MW-252	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-252	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E010	pH (field)	SU	03/22/16 - 07/30/25	39	0	CI around median	6.8/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-252	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	11	0	CI around median	0.034	5	Standard	No Exceedance
MW-252	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-252	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	455	400	Standard	Exceedance
MW-252	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-252	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	39	0	CB around linear reg	1,140	3,260	Background	No Exceedance
MW-253R	PMP	E010	Antimony, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-253R	PMP	E010	Arsenic, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.000198	0.010	Standard	No Exceedance
MW-253R	PMP	E010	Barium, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.029	2.0	Standard	No Exceedance
MW-253R	PMP	E010	Beryllium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-253R	PMP	E010	Boron, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.185	2.23	Background	No Exceedance
MW-253R	PMP	E010	Cadmium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-253R	PMP	E010	Chloride, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	17.7	1,370	Background	No Exceedance
MW-253R	PMP	E010	Chromium, total	mg/L	07/18/24 - 07/29/25	6	67	CI around median (Last Sample, n<7)	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-253R	PMP	E010	Cobalt, total	mg/L	07/18/24 - 07/29/25	6	67	CI around median (Last Sample, n<7)	0.001	0.006	Standard	No Exceedance
MW-253R	PMP	E010	Fluoride, total	mg/L	07/18/24 - 07/29/25	6	83	CI around median (Last Sample, n<7)	0.5	4.0	Standard	No Exceedance
MW-253R	PMP	E010	Lead, total	mg/L	07/18/24 - 07/29/25	6	17	CI around mean	0.00127	0.0075	Standard	No Exceedance
MW-253R	PMP	E010	Lithium, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.0148	0.123	Background	No Exceedance
MW-253R	PMP	E010	Mercury, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-253R	PMP	E010	Molybdenum, total	mg/L	07/18/24 - 07/29/25	6	33	CI around mean	0.00147	0.1	Standard	No Exceedance
MW-253R	PMP	E010	pH (field)	SU	07/18/24 - 07/29/25	6	0	CI around mean	6.5/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-253R	PMP	E010	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/29/25	6	0	CI around mean	0.53	5	Standard	No Exceedance
MW-253R	PMP	E010	Selenium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-253R	PMP	E010	Sulfate, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	451	400	Standard	Exceedance
MW-253R	PMP	E010	Thallium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-253R	PMP	E010	Total Dissolved Solids	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	1,080	3,260	Background	No Exceedance
MW-350R	UA	E010	Antimony, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E010	Arsenic, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	0.000724	0.010	Standard	No Exceedance
MW-350R	UA	E010	Barium, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.106	2.0	Standard	No Exceedance
MW-350R	UA	E010	Beryllium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-350R	UA	E010	Boron, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.976	2.23	Background	No Exceedance
MW-350R	UA	E010	Cadmium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-350R	UA	E010	Chloride, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	9.26	1,370	Background	No Exceedance
MW-350R	UA	E010	Chromium, total	mg/L	07/18/24 - 07/31/25	5	80	CI around median (Last Sample, n<7)	0.0015	0.1	Standard	No Exceedance
MW-350R	UA	E010	Cobalt, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E010	Fluoride, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	0.499	4.0	Standard	No Exceedance
MW-350R	UA	E010	Lead, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-350R	UA	E010	Lithium, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.0335	0.123	Background	No Exceedance
MW-350R	UA	E010	Mercury, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-350R	UA	E010	Molybdenum, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	-0.00128	0.1	Standard	No Exceedance
MW-350R	UA	E010	pH (field)	SU	07/18/24 - 07/31/25	5	0	CI around mean	7.0/7.8	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-350R	UA	E010	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/31/25	5	0	CI around mean	0.307	5	Standard	No Exceedance
MW-350R	UA	E010	Selenium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-350R	UA	E010	Sulfate, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	-10.6	400	Standard	No Exceedance
MW-350R	UA	E010	Thallium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-350R	UA	E010	Total Dissolved Solids	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	448	3,260	Background	No Exceedance
MW-352	UA	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-352	UA	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-352	UA	E010	Barium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	0.0839	2.0	Standard	No Exceedance
MW-352	UA	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-352	UA	E010	Boron, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	1.94	2.23	Background	No Exceedance
MW-352	UA	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-352	UA	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	546	1,370	Background	No Exceedance
MW-352	UA	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-352	UA	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	1.27	4.0	Standard	No Exceedance
MW-352	UA	E010	Lead, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.001	0.0075	Standard	No Exceedance
MW-352	UA	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around geomean	0.0872	0.123	Background	No Exceedance
MW-352	UA	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E010	pH (field)	SU	03/22/16 - 07/30/25	40	0	CB around T-S line	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
MW-352	UA	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	12	0	CI around mean	0.708	5	Standard	No Exceedance
MW-352	UA	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-352	UA	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	10	400	Standard	No Exceedance
MW-352	UA	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-352	UA	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	40	0	CB around linear reg	1,180	3,260	Background	No Exceedance
MW-366	UA	E010	Antimony, total	mg/L	01/20/16 - 07/30/25	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E010	Arsenic, total	mg/L	01/20/16 - 07/30/25	29	93	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-366	UA	E010	Barium, total	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	0.0194	2.0	Standard	No Exceedance
MW-366	UA	E010	Beryllium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-366	UA	E010	Boron, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	2.27	2.23	Background	Exceedance
MW-366	UA	E010	Cadmium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-366	UA	E010	Chloride, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	52.6	1,370	Background	No Exceedance
MW-366	UA	E010	Chromium, total	mg/L	01/20/16 - 07/30/25	29	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-366	UA	E010	Cobalt, total	mg/L	01/20/16 - 07/30/25	27	74	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E010	Fluoride, total	mg/L	01/20/16 - 07/30/25	30	13	CB around linear reg	0.0821	4.0	Standard	No Exceedance
MW-366	UA	E010	Lead, total	mg/L	01/20/16 - 07/30/25	26	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-366	UA	E010	Lithium, total	mg/L	01/20/16 - 07/30/25	29	3	CB around linear reg	0.00281	0.123	Background	No Exceedance
MW-366	UA	E010	Mercury, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-366	UA	E010	Molybdenum, total	mg/L	01/20/16 - 07/30/25	29	7	CI around mean	0.00276	0.1	Standard	No Exceedance
MW-366	UA	E010	pH (field)	SU	01/20/16 - 07/30/25	30	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance
MW-366	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/30/25	29	0	CI around geomean	0.404	5	Standard	No Exceedance
MW-366	UA	E010	Selenium, total	mg/L	01/20/16 - 07/30/25	29	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-366	UA	E010	Sulfate, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	718	400	Standard	Exceedance
MW-366	UA	E010	Thallium, total	mg/L	01/20/16 - 07/30/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-366	UA	E010	Total Dissolved Solids	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	1,500	3,260	Background	No Exceedance
MW-375	UA	E010	Antimony, total	mg/L	01/20/16 - 07/30/25	29	41	CB around T-S line	0.00047	0.006	Standard	No Exceedance
MW-375	UA	E010	Arsenic, total	mg/L	01/20/16 - 07/30/25	29	3	CI around median	0.0014	0.010	Standard	No Exceedance
MW-375	UA	E010	Barium, total	mg/L	01/20/16 - 07/30/25	29	0	CI around geomean	0.0245	2.0	Standard	No Exceedance
MW-375	UA	E010	Beryllium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-375	UA	E010	Boron, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	1.31	2.23	Background	No Exceedance
MW-375	UA	E010	Cadmium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-375	UA	E010	Chloride, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	92.3	1,370	Background	No Exceedance
MW-375	UA	E010	Chromium, total	mg/L	01/20/16 - 07/30/25	29	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-375	UA	E010	Cobalt, total	mg/L	01/20/16 - 07/30/25	27	96	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-375	UA	E010	Fluoride, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	2.25	4.0	Standard	No Exceedance
MW-375	UA	E010	Lead, total	mg/L	01/20/16 - 07/30/25	26	92	CI around median	0.001	0.0075	Standard	No Exceedance
MW-375	UA	E010	Lithium, total	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	0.0695	0.123	Background	No Exceedance
MW-375	UA	E010	Mercury, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-375	UA	E010	Molybdenum, total	mg/L	01/20/16 - 07/30/25	29	0	CI around mean	0.0234	0.1	Standard	No Exceedance
MW-375	UA	E010	pH (field)	SU	01/20/16 - 07/30/25	30	0	CB around T-S line	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
MW-375	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/30/25	29	0	CI around median	0.3	5	Standard	No Exceedance
MW-375	UA	E010	Selenium, total	mg/L	01/20/16 - 07/30/25	29	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-375	UA	E010	Sulfate, total	mg/L	01/20/16 - 07/30/25	30	0	CI around geomean	105	400	Standard	No Exceedance
MW-375	UA	E010	Thallium, total	mg/L	01/20/16 - 07/30/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-375	UA	E010	Total Dissolved Solids	mg/L	01/20/16 - 07/30/25	30	0	CI around median	916	3,260	Background	No Exceedance
MW-377	UA	E010	Antimony, total	mg/L	01/19/16 - 07/31/25	29	97	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-377	UA	E010	Arsenic, total	mg/L	01/19/16 - 07/31/25	29	83	CI around median	0.001	0.010	Standard	No Exceedance
MW-377	UA	E010	Barium, total	mg/L	01/19/16 - 07/31/25	29	0	CI around mean	0.0602	2.0	Standard	No Exceedance
MW-377	UA	E010	Beryllium, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-377	UA	E010	Boron, total	mg/L	01/19/16 - 07/31/25	30	0	CI around mean	1.67	2.23	Background	No Exceedance
MW-377	UA	E010	Cadmium, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-377	UA	E010	Chloride, total	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	94.2	1,370	Background	No Exceedance
MW-377	UA	E010	Chromium, total	mg/L	01/19/16 - 07/31/25	29	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-377	UA	E010	Cobalt, total	mg/L	01/19/16 - 07/31/25	27	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-377	UA	E010	Fluoride, total	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	1.17	4.0	Standard	No Exceedance
MW-377	UA	E010	Lead, total	mg/L	01/19/16 - 07/31/25	26	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-377	UA	E010	Lithium, total	mg/L	01/19/16 - 07/31/25	29	0	CB around linear reg	0.0587	0.123	Background	No Exceedance
MW-377	UA	E010	Mercury, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-377	UA	E010	Molybdenum, total	mg/L	01/19/16 - 07/31/25	29	72	CB around T-S line	0.000831	0.1	Standard	No Exceedance
MW-377	UA	E010	pH (field)	SU	01/19/16 - 07/31/25	30	0	CI around median	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-377	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 07/31/25	29	0	CI around mean	0.456	5	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-377	UA	E010	Selenium, total	mg/L	01/19/16 - 07/31/25	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-377	UA	E010	Sulfate, total	mg/L	01/19/16 - 07/31/25	30	0	CB around T-S line	33.9	400	Standard	No Exceedance
MW-377	UA	E010	Thallium, total	mg/L	01/19/16 - 07/31/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-377	UA	E010	Total Dissolved Solids	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	614	3,260	Background	No Exceedance
MW-383	UA	E010	Antimony, total	mg/L	01/21/16 - 07/29/25	29	90	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-383	UA	E010	Arsenic, total	mg/L	01/21/16 - 07/29/25	29	83	CI around median	0.001	0.010	Standard	No Exceedance
MW-383	UA	E010	Barium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.0462	2.0	Standard	No Exceedance
MW-383	UA	E010	Beryllium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-383	UA	E010	Boron, total	mg/L	01/21/16 - 07/29/25	30	0	CI around geomean	1.35	2.23	Background	No Exceedance
MW-383	UA	E010	Cadmium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-383	UA	E010	Chloride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	41.7	1,370	Background	No Exceedance
MW-383	UA	E010	Chromium, total	mg/L	01/21/16 - 07/29/25	29	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-383	UA	E010	Cobalt, total	mg/L	01/21/16 - 07/29/25	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-383	UA	E010	Fluoride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	0.631	4.0	Standard	No Exceedance
MW-383	UA	E010	Lead, total	mg/L	01/21/16 - 07/29/25	26	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-383	UA	E010	Lithium, total	mg/L	01/21/16 - 07/29/25	29	0	CI around median	0.0354	0.123	Background	No Exceedance
MW-383	UA	E010	Mercury, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-383	UA	E010	Molybdenum, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.00708	0.1	Standard	No Exceedance
MW-383	UA	E010	pH (field)	SU	01/21/16 - 07/29/25	30	0	CB around linear reg	7.4/7.6	6.5/9.0	Standard/Standard	No Exceedance
MW-383	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.256	5	Standard	No Exceedance
MW-383	UA	E010	Selenium, total	mg/L	01/21/16 - 07/29/25	29	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-383	UA	E010	Sulfate, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	148	400	Standard	No Exceedance
MW-383	UA	E010	Thallium, total	mg/L	01/21/16 - 07/29/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-383	UA	E010	Total Dissolved Solids	mg/L	01/21/16 - 07/29/25	30	0	CI around mean	886	3,260	Background	No Exceedance
MW-384	UA	E010	Antimony, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E010	Arsenic, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-384	UA	E010	Barium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.0387	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-384	UA	E010	Beryllium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-384	UA	E010	Boron, total	mg/L	01/21/16 - 07/29/25	30	0	CI around median	1.44	2.23	Background	No Exceedance
MW-384	UA	E010	Cadmium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-384	UA	E010	Chloride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around T-S line	489	1,370	Background	No Exceedance
MW-384	UA	E010	Chromium, total	mg/L	01/21/16 - 07/29/25	29	76	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-384	UA	E010	Cobalt, total	mg/L	01/21/16 - 07/29/25	27	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-384	UA	E010	Fluoride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	4.17	4.0	Standard	Exceedance
MW-384	UA	E010	Lead, total	mg/L	01/21/16 - 07/29/25	26	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-384	UA	E010	Lithium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around linear reg	0.0427	0.123	Background	No Exceedance
MW-384	UA	E010	Mercury, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-384	UA	E010	Molybdenum, total	mg/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.0153	0.1	Standard	No Exceedance
MW-384	UA	E010	pH (field)	SU	01/21/16 - 07/29/25	30	0	CI around median	7.8/8.0	6.5/9.0	Standard/Standard	No Exceedance
MW-384	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.334	5	Standard	No Exceedance
MW-384	UA	E010	Selenium, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-384	UA	E010	Sulfate, total	mg/L	01/21/16 - 07/29/25	30	3	CB around linear reg	-12.4	400	Standard	No Exceedance
MW-384	UA	E010	Thallium, total	mg/L	01/21/16 - 07/29/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-384	UA	E010	Total Dissolved Solids	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	1,550	3,260	Background	No Exceedance
MW-390	UA	E010	Antimony, total	mg/L	03/22/16 - 07/30/25	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E010	Arsenic, total	mg/L	03/22/16 - 07/30/25	29	14	CI around median	0.0013	0.010	Standard	No Exceedance
MW-390	UA	E010	Barium, total	mg/L	03/22/16 - 07/30/25	29	0	CI around mean	0.0482	2.0	Standard	No Exceedance
MW-390	UA	E010	Beryllium, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-390	UA	E010	Boron, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	0.363	2.23	Background	No Exceedance
MW-390	UA	E010	Cadmium, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-390	UA	E010	Chloride, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	64.2	1,370	Background	No Exceedance
MW-390	UA	E010	Chromium, total	mg/L	03/22/16 - 07/30/25	29	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-390	UA	E010	Cobalt, total	mg/L	03/22/16 - 07/30/25	27	70	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E010	Fluoride, total	mg/L	03/22/16 - 07/30/25	30	3	CI around median	0.63	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-390	UA	E010	Lead, total	mg/L	03/22/16 - 07/30/25	26	88	CI around median	0.001	0.0075	Standard	No Exceedance
MW-390	UA	E010	Lithium, total	mg/L	03/22/16 - 07/30/25	29	3	CI around mean	0.0212	0.123	Background	No Exceedance
MW-390	UA	E010	Mercury, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-390	UA	E010	Molybdenum, total	mg/L	03/22/16 - 07/30/25	29	3	CI around median	0.003	0.1	Standard	No Exceedance
MW-390	UA	E010	pH (field)	SU	03/22/16 - 07/30/25	30	0	CB around linear reg	6.8/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-390	UA	E010	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 07/30/25	29	0	CI around geomean	0.583	5	Standard	No Exceedance
MW-390	UA	E010	Selenium, total	mg/L	03/22/16 - 07/30/25	29	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-390	UA	E010	Sulfate, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	137	400	Standard	No Exceedance
MW-390	UA	E010	Thallium, total	mg/L	03/22/16 - 07/30/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-390	UA	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	693	3,260	Background	No Exceedance
MW-391R	UA	E010	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-391R	UA	E010	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-391R	UA	E010	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
MW-391R	UA	E010	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-391R	UA	E010	Boron, total	mg/L	--	--	--	--	NS ⁷	2.23	Background	--
MW-391R	UA	E010	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-391R	UA	E010	Chloride, total	mg/L	--	--	--	--	NS ⁷	1,370	Background	--
MW-391R	UA	E010	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-391R	UA	E010	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-391R	UA	E010	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-391R	UA	E010	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-391R	UA	E010	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.123	Background	--
MW-391R	UA	E010	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-391R	UA	E010	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-391R	UA	E010	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
MW-391R	UA	E010	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-391R	UA	E010	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-391R	UA	E010	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-391R	UA	E010	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-391R	UA	E010	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	3,260	Background	--

Notes:
-- = no data available
Compliance Result:
 No Exceedance: the statistical result did not exceed the GWPS.
 Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Fly Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:
 E010 = Quarter 3, 2025 sampling event
HSU = hydrostratigraphic unit:
 PMP = Potential Migration Pathway
 UA = Uppermost Aquifer
mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
 All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
 CB around linear reg = Confidence band around linear regression
 CB around T-S line = Confidence band around Thiel-Sen line
 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
 CI around median (Last Sample, n<7) = Data characterization in accordance with the Statistical Analysis Plan indicated that a confidence interval around the median was the most appropriate statistic. However, fewer than seven samples (the minimum required to calculate a CI around the median) were available. Due to insufficient sample size, the result for the most recently collected sample was used.
 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
Statistical Result Code (if applicable):
 NR¹ = Parameter not analyzed.
 NS¹ = 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 = The location was not accessible; therefore, a sample was not collected.
 NS⁴ = The location could not be found; therefore, a sample was not collected.
 NS⁵ = The location was damaged; therefore, a sample was not collected.
 NS⁶ = Sampling pump could not yield a sample.
 NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
 NS⁸ = A sample was not collected.
 PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
 Background = background concentration
 Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

MONITORING WELL LOCATION MAP

DRAFT

FIGURE 1

35 I.A.C. § 845.610(b)(3)(D) GROUNDWATER MONITORING DATA AND
DETECTED EXCEEDANCES REPORT
QUARTER 3, 2025
FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



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

0 400 800
Feet

ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-150	Compliance	07/28/2025	19.49	377.43
MW-151	Compliance	07/28/2025	5.48	394.74
MW-152	Compliance	07/29/2025	7.17	417.94
MW-153	Compliance	07/29/2025	14.03	431.82
MW-252	Compliance	07/29/2025	3.21	421.90
MW-253R	Compliance	07/28/2025	14.77	430.89
MW-304	Background	07/28/2025	8.60	446.71
MW-350R	Compliance	07/28/2025	23.38	372.92
MW-352	Compliance	07/29/2025	2.22	422.71
MW-358R	Background	07/29/2025	22.89	433.23
MW-366	Compliance	07/28/2025	14.43	410.65
MW-375	Compliance	07/28/2025	31.61	391.26
MW-377	Compliance	07/28/2025	6.44	414.80
MW-383	Compliance	07/28/2025	19.72	439.83
MW-384	Compliance	07/28/2025	16.17	442.70
MW-390	Compliance	07/28/2025	7.04	420.56
MW-391R	Compliance	07/28/2025	Dry	Dry

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation 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 not measured due to required pressure transducer maintenance.
DM⁸ = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2025**

August 28, 2025

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-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-25Q3

WorkOrder: 25071002

Dear Eric Bauer:

TEKLAB, INC received 20 samples for BAL_845_605 on 7/31/2025 1:25:00 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: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	28
Quality Control Results	29
Receiving Check List	67
Chain of Custody	Appended

Definitions

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

Cooler Receipt Temp: 19.3 °C

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

MW-391R was dry. Equipment Blanks were not required.

MW-352: collection time per field file. (ehurley - 8/1/2025 1:14:13 PM)

Per Eric Bauer's request, only BAL_845_605 data is included in this report. EAH 8/28/25

Locations

Collinsville

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

Collinsville Air

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Collinsville, IL 62234-7425
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Email EHurley@teklabinc.com

Springfield

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Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
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Chicago

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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: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-003
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25

Client Sample ID: MW-150

Collection Date: 07/31/2025 10:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.77	ft	1	07/31/2025 10:27	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	07/31/2025 10:27	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-37	mV	1	07/31/2025 10:27	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1160	µS/cm	1	07/31/2025 10:27	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	07/31/2025 10:27	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.10	mg/L	1	07/31/2025 10:27	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.93		1	07/31/2025 10:27	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		315	mg/L	1	08/04/2025 12:59	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 12:59	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1670	mg/L	1	08/01/2025 10:29	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.67	mg/L	10	08/01/2025 16:09	R369116
Chloride	NELAP	1.00	5.00		44.4	mg/L	10	08/01/2025 16:09	R369116
Sulfate	NELAP	0.99	10.0		847	mg/L	10	08/01/2025 16:09	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		174	mg/L	1	08/06/2025 16:05	242785
Magnesium	NELAP	0.0055	0.0500		139	mg/L	1	08/06/2025 16:05	242785
Potassium	NELAP	0.0400	0.100		0.816	mg/L	1	08/06/2025 16:05	242785
Sodium	NELAP	0.0180	0.0500	B	89.8	mg/L	1	08/06/2025 16:05	242785
<i>Sample result(s) for NA exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Barium	NELAP	0.0007	0.0010		0.0154	mg/L	5	08/07/2025 14:23	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Boron	NELAP	0.0092	0.0250		3.74	mg/L	5	08/06/2025 18:04	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/06/2025 18:04	242785
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 18:04	242785
Lithium	*	0.0015	0.0030		0.0487	mg/L	5	08/06/2025 18:04	242785
Molybdenum	NELAP	0.0006	0.0015	J	0.0006	mg/L	5	08/06/2025 18:04	242785
Selenium	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	08/06/2025 18:04	242785
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 18:04	242785
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/01/2025 18:58	242802



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-004
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25

Client Sample ID: MW-151

Collection Date: 07/30/2025 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.73	ft	1	07/30/2025 11:35	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		130	NTU	1	07/30/2025 11:35	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		21	mV	1	07/30/2025 11:35	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		828	µS/cm	1	07/30/2025 11:35	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.4	°C	1	07/30/2025 11:35	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.00	mg/L	1	07/30/2025 11:35	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.87		1	07/30/2025 11:35	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		411	mg/L	1	08/04/2025 10:37	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 10:37	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		612	mg/L	1	08/05/2025 13:01	R369311
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.24	mg/L	10	07/31/2025 11:27	R369076
Chloride	NELAP	1.00	5.00		35.0	mg/L	10	07/31/2025 11:27	R369076
Sulfate	NELAP	0.99	10.0		66.2	mg/L	10	07/31/2025 11:27	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		112	mg/L	1	07/31/2025 17:29	242737
Magnesium	NELAP	0.0055	0.0500		42.3	mg/L	1	07/31/2025 17:29	242737
Potassium	NELAP	0.0400	0.100		2.29	mg/L	1	08/04/2025 16:00	242737
Sodium	NELAP	0.0180	0.0500		53.3	mg/L	1	07/31/2025 17:29	242737
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Barium	NELAP	0.0007	0.0010		0.0564	mg/L	5	08/06/2025 17:31	242737
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Boron	NELAP	0.0092	0.0250		0.585	mg/L	5	08/06/2025 17:31	242737
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Chromium	NELAP	0.0007	0.0015	J	0.0011	mg/L	5	08/06/2025 17:31	242737
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	08/06/2025 17:31	242737
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Lithium	*	0.0015	0.0030		0.0250	mg/L	5	08/06/2025 17:31	242737
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/06/2025 17:31	242737
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 17:31	242737
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 17:31	242737
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 17:41	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-005
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-152
Collection Date: 07/30/2025 13:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.35	ft	1	07/30/2025 13:14	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		29	NTU	1	07/30/2025 13:14	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		5	mV	1	07/30/2025 13:14	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		866	µS/cm	1	07/30/2025 13:14	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.0	°C	1	07/30/2025 13:14	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.72	mg/L	1	07/30/2025 13:14	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.96		1	07/30/2025 13:14	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		344	mg/L	1	08/04/2025 10:59	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 10:59	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		718	mg/L	1	08/05/2025 13:08	R369311
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	07/31/2025 11:39	R369076
Chloride	NELAP	1.00	5.00		5.51	mg/L	10	07/31/2025 11:39	R369076
Sulfate	NELAP	0.99	10.0		205	mg/L	10	07/31/2025 11:39	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		112	mg/L	1	07/31/2025 17:30	242737
Magnesium	NELAP	0.0055	0.0500		50.8	mg/L	1	07/31/2025 17:30	242737
Potassium	NELAP	0.0400	0.100		0.730	mg/L	1	08/04/2025 16:02	242737
Sodium	NELAP	0.0180	0.0500		54.3	mg/L	1	07/31/2025 17:30	242737
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 17:36	242737
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	08/05/2025 1:19	242737
Barium	NELAP	0.0007	0.0010		0.0137	mg/L	5	08/05/2025 1:19	242737
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/05/2025 1:19	242737
Boron	NELAP	0.0092	0.0250		0.368	mg/L	5	08/06/2025 17:36	242737
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/05/2025 1:19	242737
Chromium	NELAP	0.0007	0.0015		0.0018	mg/L	5	08/05/2025 1:19	242737
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	08/05/2025 1:19	242737
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	08/05/2025 1:19	242737
Lithium	*	0.0015	0.0030		0.0089	mg/L	5	08/05/2025 1:19	242737
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/06/2025 17:36	242737
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/05/2025 1:19	242737
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 17:36	242737
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 17:48	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-006
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-153
Collection Date: 07/29/2025 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.03	ft	1	07/29/2025 11:19	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		70	NTU	1	07/29/2025 11:19	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-171	mV	1	07/29/2025 11:19	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		633	µS/cm	1	07/29/2025 11:19	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		25.1	°C	1	07/29/2025 11:19	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.93	mg/L	1	07/29/2025 11:19	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.76		1	07/29/2025 11:19	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		214	mg/L	1	08/01/2025 13:22	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 13:22	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		438	mg/L	1	07/30/2025 16:53	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.37	mg/L	10	07/30/2025 12:00	R368993
Chloride	NELAP	1.00	5.00		13.6	mg/L	10	07/30/2025 12:00	R368993
Sulfate	NELAP	0.99	10.0		55.7	mg/L	10	07/30/2025 12:00	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		48.0	mg/L	1	08/04/2025 15:44	242658
Magnesium	NELAP	0.0055	0.0500		19.9	mg/L	1	08/04/2025 15:44	242658
Potassium	NELAP	0.0400	0.100		0.737	mg/L	1	08/04/2025 15:44	242658
Sodium	NELAP	0.0180	0.0500		60.5	mg/L	1	08/04/2025 15:44	242658
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	07/30/2025 17:09	242658
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	07/30/2025 17:09	242658
Barium	NELAP	0.0007	0.0010		0.0750	mg/L	5	07/30/2025 17:09	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:09	242658
Boron	NELAP	0.0092	0.025	BJ	0.024	mg/L	5	07/31/2025 18:19	242658
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:09	242658
Chromium	NELAP	0.0007	0.0015		0.0039	mg/L	5	07/30/2025 17:09	242658
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	08/04/2025 20:55	242658
Lead	NELAP	0.0006	0.0010		0.0028	mg/L	5	07/30/2025 17:09	242658
Lithium	*	0.0015	0.0030		0.0054	mg/L	5	07/30/2025 17:09	242658
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	07/30/2025 17:09	242658
Selenium	NELAP	0.0006	0.0010		0.0017	mg/L	5	07/30/2025 17:09	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 17:09	242658
<i>Contamination present in the MBLK for B. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 15:04	242632



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-011
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25

Client Sample ID: MW-252

Collection Date: 07/30/2025 12:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.04	ft	1	07/30/2025 12:46	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		49	NTU	1	07/30/2025 12:46	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-2	mV	1	07/30/2025 12:46	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1190	µS/cm	1	07/30/2025 12:46	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		24.7	°C	1	07/30/2025 12:46	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.74	mg/L	1	07/30/2025 12:46	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.94		1	07/30/2025 12:46	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		486	mg/L	1	08/04/2025 10:51	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 10:51	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1330	mg/L	1	08/05/2025 13:08	R369311
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.20	mg/L	10	07/31/2025 12:17	R369076
Chloride	NELAP	1.00	5.00		36.5	mg/L	10	07/31/2025 12:17	R369076
Sulfate	NELAP	0.99	10.0		493	mg/L	10	07/31/2025 12:17	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		214	mg/L	1	07/31/2025 17:35	242737
Magnesium	NELAP	0.0055	0.0500		82.9	mg/L	1	07/31/2025 17:35	242737
Potassium	NELAP	0.0400	0.100		3.45	mg/L	1	08/04/2025 16:14	242737
Sodium	NELAP	0.0180	0.0500		93.6	mg/L	1	07/31/2025 17:35	242737
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	08/06/2025 17:53	242737
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	08/05/2025 1:36	242737
Barium	NELAP	0.0007	0.0010		0.0311	mg/L	5	08/05/2025 1:36	242737
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/05/2025 1:36	242737
Boron	NELAP	0.0092	0.0250		0.154	mg/L	5	08/06/2025 17:53	242737
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/05/2025 1:36	242737
Chromium	NELAP	0.0007	0.0015	J	0.0014	mg/L	5	08/06/2025 17:53	242737
Cobalt	NELAP	0.0001	0.0010		0.0019	mg/L	5	08/05/2025 1:36	242737
Lead	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	08/05/2025 1:36	242737
Lithium	*	0.0015	0.0030		0.0152	mg/L	5	08/05/2025 1:36	242737
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	08/06/2025 17:53	242737
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/05/2025 1:36	242737
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 17:53	242737
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 18:00	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-012
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-253R
Collection Date: 07/29/2025 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.77	ft	1	07/29/2025 10:48	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		35	NTU	1	07/29/2025 10:48	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-318	mV	1	07/29/2025 10:48	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1800	µS/cm	1	07/29/2025 10:48	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.7	°C	1	07/29/2025 10:48	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.68	mg/L	1	07/29/2025 10:48	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.80		1	07/29/2025 10:48	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		486	mg/L	1	08/01/2025 13:38	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 13:38	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1350	mg/L	1	07/30/2025 16:53	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.24	mg/L	10	07/30/2025 12:51	R368993
Chloride	NELAP	1.00	5.00		19.0	mg/L	10	07/30/2025 12:51	R368993
Sulfate	NELAP	0.99	10.0		507	mg/L	10	07/30/2025 12:51	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		204	mg/L	1	08/04/2025 15:45	242658
Magnesium	NELAP	0.0055	0.0500		81.9	mg/L	1	08/04/2025 15:45	242658
Potassium	NELAP	0.0400	0.100		4.62	mg/L	1	08/04/2025 15:45	242658
Sodium	NELAP	0.0180	0.0500		97.6	mg/L	1	08/04/2025 15:45	242658
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/30/2025 17:15	242658
Arsenic	NELAP	0.0004	0.0010		0.0051	mg/L	5	07/30/2025 17:15	242658
Barium	NELAP	0.0007	0.0010		0.0347	mg/L	5	07/30/2025 17:15	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:15	242658
Boron	NELAP	0.0092	0.0250		0.236	mg/L	5	08/07/2025 18:40	242899
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:15	242658
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/30/2025 17:15	242658
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	08/04/2025 21:01	242658
Lead	NELAP	0.0006	0.0010		0.0030	mg/L	5	07/30/2025 17:15	242658
Lithium	*	0.0015	0.0030		0.0175	mg/L	5	07/30/2025 17:15	242658
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	07/30/2025 17:15	242658
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 17:15	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 17:15	242658
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 15:06	242632



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-013
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-304
Collection Date: 07/29/2025 12:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.72	ft	1	07/29/2025 12:27	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.5	NTU	1	07/29/2025 12:27	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		0	mV	1	07/29/2025 12:27	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2200	µS/cm	1	07/29/2025 12:27	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.6	°C	1	07/29/2025 12:27	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.71	mg/L	1	07/29/2025 12:27	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.65		1	07/29/2025 12:27	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		772	mg/L	1	08/01/2025 13:29	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 13:29	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1470	mg/L	1	07/30/2025 16:53	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.74	mg/L	10	07/30/2025 13:04	R368993
Chloride	NELAP	1.00	5.00		168	mg/L	10	07/30/2025 13:04	R368993
Sulfate	NELAP	0.99	10.0		190	mg/L	10	07/30/2025 13:04	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		13.1	mg/L	1	08/04/2025 15:46	242658
Magnesium	NELAP	0.0055	0.0500		5.20	mg/L	1	08/04/2025 15:46	242658
Potassium	NELAP	0.0400	0.100		2.37	mg/L	1	08/04/2025 15:46	242658
Sodium	NELAP	0.180	0.500		567	mg/L	10	08/05/2025 16:48	242658
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	07/30/2025 17:59	242658
Arsenic	NELAP	0.0004	0.0010		0.0026	mg/L	5	07/30/2025 17:59	242658
Barium	NELAP	0.0007	0.0010		0.0192	mg/L	5	07/30/2025 17:59	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:59	242658
Boron	NELAP	0.0092	0.0250		1.67	mg/L	5	08/07/2025 18:45	242899
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 17:59	242658
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	07/30/2025 17:59	242658
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/04/2025 21:07	242658
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 17:59	242658
Lithium	*	0.0015	0.0030		0.0753	mg/L	5	07/30/2025 17:59	242658
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	07/30/2025 17:59	242658
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 17:59	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 17:59	242658
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 15:09	242632



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-014
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-350R
Collection Date: 07/31/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.53	ft	1	07/31/2025 9:49	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.0	NTU	1	07/31/2025 9:49	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-32	mV	1	07/31/2025 9:49	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		614	µS/cm	1	07/31/2025 9:49	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.1	°C	1	07/31/2025 9:49	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.71	mg/L	1	07/31/2025 9:49	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.05		1	07/31/2025 9:49	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		367	mg/L	1	08/04/2025 11:17	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 11:17	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		540	mg/L	1	08/01/2025 10:42	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.70	mg/L	10	08/01/2025 16:44	R369116
Chloride	NELAP	1.00	5.00		11.5	mg/L	10	08/01/2025 16:44	R369116
Sulfate	NELAP	0.99	10.0		42.8	mg/L	10	08/01/2025 16:44	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		42.3	mg/L	1	08/06/2025 16:12	242785
Magnesium	NELAP	0.0055	0.0500		23.9	mg/L	1	08/06/2025 16:12	242785
Potassium	NELAP	0.0400	0.100		3.92	mg/L	1	08/06/2025 16:12	242785
Sodium	NELAP	0.0180	0.0500	B	114	mg/L	1	08/06/2025 16:12	242785
<i>Sample result(s) for NA exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/06/2025 18:43	242785
Barium	NELAP	0.0007	0.0010		0.123	mg/L	5	08/07/2025 14:40	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Boron	NELAP	0.0092	0.0250		1.09	mg/L	5	08/06/2025 18:43	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/06/2025 18:43	242785
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Lithium	*	0.0015	0.0030		0.0413	mg/L	5	08/06/2025 18:43	242785
Molybdenum	NELAP	0.0006	0.0015		0.0061	mg/L	5	08/06/2025 18:43	242785
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 18:43	242785
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 18:43	242785
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/04/2025 17:54	242803



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-015
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-352
Collection Date: 07/30/2025 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		2.73	ft	1	07/30/2025 12:15	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.0	NTU	1	07/30/2025 12:15	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-80	mV	1	07/30/2025 12:15	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1470	µS/cm	1	07/30/2025 12:15	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.5	°C	1	07/30/2025 12:15	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.64	mg/L	1	07/30/2025 12:15	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.48		1	07/30/2025 12:15	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		149	mg/L	1	08/04/2025 10:45	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 10:45	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1420	mg/L	1	08/05/2025 13:08	R369311
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.47	mg/L	10	07/31/2025 13:08	R369076
Chloride	NELAP	1.00	5.00		610	mg/L	10	07/31/2025 13:08	R369076
Sulfate	NELAP	0.99	10	J	3.8	mg/L	10	07/31/2025 13:08	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		97.5	mg/L	1	08/01/2025 19:51	242761
Magnesium	NELAP	0.0055	0.0500		47.6	mg/L	1	08/01/2025 19:51	242761
Potassium	NELAP	0.0400	0.100		4.16	mg/L	1	08/01/2025 19:51	242761
Sodium	NELAP	0.0180	0.0500		250	mg/L	1	08/01/2025 19:51	242761
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/07/2025 0:48	242761
Arsenic	NELAP	0.0004	0.0010	J	0.0004	mg/L	5	08/07/2025 0:48	242761
Barium	NELAP	0.0007	0.0010		0.0924	mg/L	5	08/07/2025 16:48	242761
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 0:48	242761
Boron	NELAP	0.0092	0.0250	B	2.06	mg/L	5	08/07/2025 16:48	242761
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 0:48	242761
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/07/2025 16:48	242761
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	08/07/2025 0:48	242761
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	08/07/2025 0:48	242761
Lithium	*	0.0015	0.0030		0.0854	mg/L	5	08/07/2025 0:48	242761
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/07/2025 16:48	242761
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/07/2025 0:48	242761
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/07/2025 0:48	242761
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 18:02	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-018
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-358R
Collection Date: 07/29/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		22.89	ft	1	07/29/2025 11:32	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	07/29/2025 11:32	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-55	mV	1	07/29/2025 11:32	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4430	µS/cm	1	07/29/2025 11:32	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.0	°C	1	07/29/2025 11:32	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.50	mg/L	1	07/29/2025 11:32	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.41		1	07/29/2025 11:32	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		790	mg/L	1	07/31/2025 10:47	R369018
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/31/2025 10:47	R369018
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		3060	mg/L	1	07/30/2025 16:53	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		2.19	mg/L	10	07/30/2025 13:29	R368993
Chloride	NELAP	10.0	50.0		1340	mg/L	100	07/30/2025 18:20	R368993
Sulfate	NELAP	0.99	10	J	2.2	mg/L	10	07/30/2025 13:29	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		23.3	mg/L	1	08/04/2025 15:49	242658
Magnesium	NELAP	0.0055	0.0500		7.10	mg/L	1	08/04/2025 15:49	242658
Potassium	NELAP	0.0400	0.100		5.52	mg/L	1	08/04/2025 15:49	242658
Sodium	NELAP	0.180	0.500		1240	mg/L	10	08/05/2025 16:49	242658
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/30/2025 18:05	242658
Arsenic	NELAP	0.0004	0.0010		0.0012	mg/L	5	07/30/2025 18:05	242658
Barium	NELAP	0.0007	0.0010		0.107	mg/L	5	07/30/2025 18:05	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 18:05	242658
Boron	NELAP	0.0092	0.0250	B	1.34	mg/L	5	07/31/2025 19:22	242658
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 18:05	242658
Chromium	NELAP	0.0007	0.0015		0.0032	mg/L	5	07/30/2025 18:05	242658
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	08/04/2025 21:12	242658
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 18:05	242658
Lithium	*	0.0015	0.0030		0.0048	mg/L	5	07/30/2025 18:05	242658
Molybdenum	NELAP	0.0006	0.0015		0.0127	mg/L	5	07/30/2025 18:05	242658
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 18:05	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 18:05	242658
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 15:13	242632



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-019
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-366
Collection Date: 07/30/2025 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.43	ft	1	07/30/2025 10:10	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		11	NTU	1	07/30/2025 10:10	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		75	mV	1	07/30/2025 10:10	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1570	µS/cm	1	07/30/2025 10:10	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.5	°C	1	07/30/2025 10:10	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.65	mg/L	1	07/30/2025 10:10	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.58		1	07/30/2025 10:10	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		343	mg/L	1	08/01/2025 12:00	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 12:00	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	23	29		1670	mg/L	1.43	08/04/2025 15:25	R369303
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.28	mg/L	10	07/31/2025 13:21	R369076
Chloride	NELAP	1.00	5.00		51.0	mg/L	10	07/31/2025 13:21	R369076
Sulfate	NELAP	0.99	10.0		724	mg/L	10	07/31/2025 13:21	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		248	mg/L	1	08/01/2025 19:52	242761
Magnesium	NELAP	0.0055	0.0500		101	mg/L	1	08/01/2025 19:52	242761
Potassium	NELAP	0.0400	0.100		3.73	mg/L	1	08/01/2025 19:52	242761
Sodium	NELAP	0.0180	0.0500		63.4	mg/L	1	08/01/2025 19:52	242761
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/07/2025 0:53	242761
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	08/07/2025 0:53	242761
Barium	NELAP	0.0007	0.0010		0.0267	mg/L	5	08/07/2025 16:54	242761
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 0:53	242761
Boron	NELAP	0.0092	0.0250	B	2.60	mg/L	5	08/07/2025 16:54	242761
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 0:53	242761
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/07/2025 0:53	242761
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	08/07/2025 0:53	242761
Lead	NELAP	0.0006	0.0010	J	0.0007	mg/L	5	08/07/2025 0:53	242761
Lithium	*	0.0015	0.0030		0.0086	mg/L	5	08/07/2025 0:53	242761
Molybdenum	NELAP	0.0006	0.0015	J	0.0013	mg/L	5	08/07/2025 16:54	242761
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/07/2025 0:53	242761
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/07/2025 0:53	242761
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 18:04	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-022
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-375
Collection Date: 07/30/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		31.47	ft	1	07/30/2025 10:43	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.5	NTU	1	07/30/2025 10:43	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-219	mV	1	07/30/2025 10:43	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	07/30/2025 10:43	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.1	°C	1	07/30/2025 10:43	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.84	mg/L	1	07/30/2025 10:43	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.54		1	07/30/2025 10:43	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		591	mg/L	1	08/01/2025 12:07	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 12:07	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	20	25		988	mg/L	1.25	08/04/2025 15:25	R369303
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		2.30	mg/L	10	07/31/2025 13:33	R369076
Chloride	NELAP	1.00	5.00		92.9	mg/L	10	07/31/2025 13:33	R369076
Sulfate	NELAP	0.99	10.0		82.3	mg/L	10	07/31/2025 13:33	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		14.9	mg/L	1	08/01/2025 19:53	242761
Magnesium	NELAP	0.0055	0.0500		6.94	mg/L	1	08/01/2025 19:53	242761
Potassium	NELAP	0.0400	0.100		3.34	mg/L	1	08/01/2025 19:53	242761
Sodium	NELAP	0.0180	0.0500	S	373	mg/L	1	08/01/2025 19:53	242761
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/07/2025 2:23	242761
Arsenic	NELAP	0.0004	0.0010		0.0026	mg/L	5	08/07/2025 2:23	242761
Barium	NELAP	0.0007	0.0010		0.0252	mg/L	5	08/07/2025 17:27	242761
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 2:23	242761
Boron	NELAP	0.0092	0.0250	B	1.31	mg/L	5	08/07/2025 17:27	242761
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 2:23	242761
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/07/2025 2:23	242761
Cobalt	NELAP	0.0001	0.0010		0.0018	mg/L	5	08/07/2025 17:27	242761
Lead	NELAP	0.0006	0.0010		0.0021	mg/L	5	08/07/2025 2:23	242761
Lithium	*	0.0015	0.0030		0.0645	mg/L	5	08/07/2025 2:23	242761
Molybdenum	NELAP	0.0006	0.0015		0.0157	mg/L	5	08/07/2025 17:27	242761
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/07/2025 2:23	242761
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/07/2025 2:23	242761
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 18:07	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-023
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-377
Collection Date: 07/31/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.56	ft	1	07/31/2025 11:15	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	07/31/2025 11:15	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		16	mV	1	07/31/2025 11:15	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		862	µS/cm	1	07/31/2025 11:15	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.2	°C	1	07/31/2025 11:15	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.21	mg/L	1	07/31/2025 11:15	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.11		1	07/31/2025 11:15	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		404	mg/L	1	08/04/2025 13:35	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 13:35	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		664	mg/L	1	08/01/2025 10:42	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.25	mg/L	10	08/01/2025 17:07	R369116
Chloride	NELAP	1.00	5.00		94.3	mg/L	10	08/01/2025 17:07	R369116
Sulfate	NELAP	0.99	10.0		34.4	mg/L	10	08/01/2025 17:07	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		51.9	mg/L	1	08/06/2025 16:13	242785
Magnesium	NELAP	0.0055	0.0500		36.1	mg/L	1	08/06/2025 16:13	242785
Potassium	NELAP	0.0400	0.100		3.34	mg/L	1	08/06/2025 16:13	242785
Sodium	NELAP	0.0180	0.0500	BS	126	mg/L	1	08/06/2025 16:13	242785
<i>Sample result(s) for NA exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Barium	NELAP	0.0007	0.0010		0.0583	mg/L	5	08/07/2025 14:45	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Boron	NELAP	0.0092	0.0250		1.59	mg/L	5	08/06/2025 19:11	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/06/2025 19:11	242785
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	08/06/2025 19:11	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Lithium	*	0.0015	0.0030		0.0567	mg/L	5	08/06/2025 19:11	242785
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/06/2025 19:11	242785
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 19:11	242785
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 19:11	242785

LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-023
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-377
Collection Date: 07/31/2025 11:15

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	08/04/2025 17:59	242803



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-025
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-383
Collection Date: 07/29/2025 12:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.74	ft	1	07/29/2025 12:24	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		33	NTU	1	07/29/2025 12:24	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-112	mV	1	07/29/2025 12:24	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1550	µS/cm	1	07/29/2025 12:24	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.1	°C	1	07/29/2025 12:24	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.76	mg/L	1	07/29/2025 12:24	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.43		1	07/29/2025 12:24	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		505	mg/L	1	07/31/2025 10:06	R369018
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/31/2025 10:06	R369018
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		932	mg/L	1	07/30/2025 17:04	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.65	mg/L	10	07/30/2025 14:20	R368993
Chloride	NELAP	1.00	5.00		40.8	mg/L	10	07/30/2025 14:20	R368993
Sulfate	NELAP	0.99	10.0		170	mg/L	10	07/30/2025 14:20	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		23.5	mg/L	1	08/04/2025 16:01	242658
Magnesium	NELAP	0.0055	0.0500		8.92	mg/L	1	08/04/2025 16:01	242658
Potassium	NELAP	0.0400	0.100		2.20	mg/L	1	08/04/2025 16:01	242658
Sodium	NELAP	0.0180	0.0500		312	mg/L	1	08/04/2025 16:01	242658
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/30/2025 18:31	242658
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	07/30/2025 18:31	242658
Barium	NELAP	0.0007	0.0010		0.0444	mg/L	5	07/30/2025 18:31	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 18:31	242658
Boron	NELAP	0.0092	0.0250	B	1.24	mg/L	5	07/31/2025 19:47	242658
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 18:31	242658
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	07/30/2025 18:31	242658
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	08/04/2025 22:15	242658
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 18:31	242658
Lithium	*	0.0015	0.0030		0.0323	mg/L	5	07/30/2025 18:31	242658
Molybdenum	NELAP	0.0006	0.0015		0.0088	mg/L	5	07/30/2025 18:31	242658
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 18:31	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 18:31	242658
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 13:10	242660



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-026
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25

Client Sample ID: MW-384

Collection Date: 07/29/2025 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.34	ft	1	07/29/2025 13:09	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		23	NTU	1	07/29/2025 13:09	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-82	mV	1	07/29/2025 13:09	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2850	µS/cm	1	07/29/2025 13:09	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.9	°C	1	07/29/2025 13:09	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.87	mg/L	1	07/29/2025 13:09	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.66		1	07/29/2025 13:09	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		560	mg/L	1	07/31/2025 10:38	R369018
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/31/2025 10:38	R369018
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1570	mg/L	1	07/30/2025 17:04	R369023
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		4.06	mg/L	10	07/30/2025 14:32	R368993
Chloride	NELAP	1.00	5.00		551	mg/L	10	07/30/2025 14:32	R368993
Sulfate	NELAP	0.99	10.0		31.3	mg/L	10	07/30/2025 14:32	R368993
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		16.7	mg/L	1	08/04/2025 16:01	242658
Magnesium	NELAP	0.0055	0.0500		6.68	mg/L	1	08/04/2025 16:01	242658
Potassium	NELAP	0.0400	0.100		2.59	mg/L	1	08/04/2025 16:01	242658
Sodium	NELAP	0.180	0.500	S	604	mg/L	10	08/05/2025 16:54	242658
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Barium	NELAP	0.0007	0.0010		0.0508	mg/L	5	07/30/2025 19:53	242658
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Boron	NELAP	0.0092	0.0250	B	1.49	mg/L	5	07/31/2025 20:06	242658
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Chromium	NELAP	0.0007	0.0015		0.0020	mg/L	5	07/30/2025 19:53	242658
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	08/04/2025 22:38	242658
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Lithium	*	0.0015	0.0030		0.0442	mg/L	5	07/30/2025 19:53	242658
Molybdenum	NELAP	0.0006	0.0015		0.0112	mg/L	5	07/30/2025 19:53	242658
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	07/30/2025 19:53	242658
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	07/30/2025 19:53	242658
<i>Sample result(s) for B exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/30/2025 13:12	242660



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

Lab ID: 25071002-027

Client Sample ID: MW-390

Matrix: GROUNDWATER

Collection Date: 07/30/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.06	ft	1	07/30/2025 11:32	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		29	NTU	1	07/30/2025 11:32	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-75	mV	1	07/30/2025 11:32	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1130	µS/cm	1	07/30/2025 11:32	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.8	°C	1	07/30/2025 11:32	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.65	mg/L	1	07/30/2025 11:32	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	07/30/2025 11:32	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		351	mg/L	1	08/01/2025 13:08	R369096
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/01/2025 13:08	R369096
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		656	mg/L	1	08/04/2025 15:25	R369303
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.36	mg/L	10	07/31/2025 13:46	R369076
Chloride	NELAP	1.00	5.00		51.2	mg/L	10	07/31/2025 13:46	R369076
Sulfate	NELAP	0.99	10.0		118	mg/L	10	07/31/2025 13:46	R369076
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		114	mg/L	1	08/01/2025 19:55	242761
Magnesium	NELAP	0.0055	0.0500		45.6	mg/L	1	08/01/2025 19:55	242761
Potassium	NELAP	0.0400	0.100		2.89	mg/L	1	08/01/2025 19:55	242761
Sodium	NELAP	0.0180	0.0500		56.5	mg/L	1	08/01/2025 19:55	242761
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	08/07/2025 2:01	242761
Barium	NELAP	0.0007	0.0010		0.0860	mg/L	5	08/07/2025 16:59	242761
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Boron	NELAP	0.0092	0.0250		0.111	mg/L	5	08/11/2025 8:35	242761
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/07/2025 2:01	242761
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Lithium	*	0.0015	0.0030		0.0097	mg/L	5	08/07/2025 2:01	242761
Molybdenum	NELAP	0.0006	0.0015		0.0036	mg/L	5	08/08/2025 10:01	242761
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/07/2025 2:01	242761
Thallium	NELAP	0.0010	0.0020	J	0.0016	mg/L	5	08/07/2025 2:01	242761
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	07/31/2025 18:09	242738



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-028
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-391R
Collection Date: 07/30/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		Dry	ft	1	07/30/2025 12:59	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Dry	NTU	1	07/30/2025 12:59	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		Dry	mV	1	07/30/2025 12:59	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Dry	µS/cm	1	07/30/2025 12:59	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Dry	°C	1	07/30/2025 12:59	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Dry	mg/L	1	07/30/2025 12:59	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		Dry		1	07/30/2025 12:59	R369069



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-042
Matrix: AQUEOUS

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: Field Blank
Collection Date: 07/31/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		2	mg/L	1	08/04/2025 11:14	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 11:14	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	08/01/2025 11:02	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	08/01/2025 18:41	R369116
Chloride	NELAP	1.00	5.00		ND	mg/L	10	08/01/2025 18:41	R369116
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	08/01/2025 18:41	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	08/06/2025 16:18	242785
Magnesium	NELAP	0.0055	0.0500		< 0.0500	mg/L	1	08/06/2025 16:18	242785
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	08/06/2025 16:18	242785
Sodium	NELAP	0.018	0.050	BJ	0.038	mg/L	1	08/06/2025 16:18	242785
<i>Contamination present in the MBLK for NA. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	08/06/2025 20:29	242785
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Barium	NELAP	0.0007	0.0010		0.0015	mg/L	5	08/08/2025 6:38	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	08/06/2025 20:29	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/06/2025 20:29	242785
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/06/2025 20:29	242785
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/06/2025 20:29	242785
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 20:29	242785
Thallium	NELAP	0.0010	0.0020	J	0.0013	mg/L	5	08/06/2025 20:29	242785
<i>LCS recovered outside upper control limits for Sb and Fe. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/04/2025 18:20	242803



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-043
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-150 Duplicate
Collection Date: 07/31/2025 10:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.77	ft	1	07/31/2025 10:27	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	07/31/2025 10:27	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-37	mV	1	07/31/2025 10:27	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1160	µS/cm	1	07/31/2025 10:27	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	07/31/2025 10:27	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.10	mg/L	1	07/31/2025 10:27	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		6.93		1	07/31/2025 10:27	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		296	mg/L	1	08/04/2025 11:07	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 11:07	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1720	mg/L	1	08/01/2025 11:02	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.68	mg/L	10	08/01/2025 18:52	R369116
Chloride	NELAP	1.00	5.00		44.1	mg/L	10	08/01/2025 18:52	R369116
Sulfate	NELAP	0.99	10.0		847	mg/L	10	08/01/2025 18:52	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		184	mg/L	1	08/06/2025 16:23	242785
Magnesium	NELAP	0.0055	0.0500		145	mg/L	1	08/06/2025 16:23	242785
Potassium	NELAP	0.0400	0.100		0.863	mg/L	1	08/06/2025 16:23	242785
Sodium	NELAP	0.0180	0.0500	B	92.9	mg/L	1	08/06/2025 16:23	242785
Sample result(s) for NA exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	08/06/2025 21:15	242785
Barium	NELAP	0.0007	0.0010		0.0158	mg/L	5	08/07/2025 16:14	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Boron	NELAP	0.0092	0.0250		3.75	mg/L	5	08/06/2025 21:15	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/06/2025 21:15	242785
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Lithium	*	0.0015	0.0030		0.0486	mg/L	5	08/06/2025 21:15	242785
Molybdenum	NELAP	0.0006	0.0015		0.0017	mg/L	5	08/06/2025 21:15	242785
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 21:15	242785
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 21:15	242785
LCS recovered outside upper control limits for Sb. 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	08/04/2025 18:22	242803



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071002-044
Matrix: GROUNDWATER

Work Order: 25071002
Report Date: 28-Aug-25
Client Sample ID: MW-350R Duplicate
Collection Date: 07/31/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.53	ft	1	07/31/2025 9:49	R369069
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.0	NTU	1	07/31/2025 9:49	R369069
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-32	mV	1	07/31/2025 9:49	R369069
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		614	µS/cm	1	07/31/2025 9:49	R369069
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.1	°C	1	07/31/2025 9:49	R369069
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.71	mg/L	1	07/31/2025 9:49	R369069
SW-846 9040B FIELD									
pH	*	0	1.00		7.05		1	07/31/2025 9:49	R369069
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		369	mg/L	1	08/04/2025 10:28	R369182
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/04/2025 10:28	R369182
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		518	mg/L	1	08/01/2025 11:02	R369214
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.70	mg/L	10	08/01/2025 19:04	R369116
Chloride	NELAP	1.00	5.00		11.7	mg/L	10	08/01/2025 19:04	R369116
Sulfate	NELAP	0.99	10.0		43.3	mg/L	10	08/01/2025 19:04	R369116
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		40.9	mg/L	1	08/06/2025 16:24	242785
Magnesium	NELAP	0.0055	0.0500		23.4	mg/L	1	08/06/2025 16:24	242785
Potassium	NELAP	0.0400	0.100		3.82	mg/L	1	08/06/2025 16:24	242785
Sodium	NELAP	0.0180	0.0500	B	111	mg/L	1	08/06/2025 16:24	242785
<i>Sample result(s) for NA exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/06/2025 21:20	242785
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/06/2025 21:20	242785
Barium	NELAP	0.0007	0.0010		0.121	mg/L	5	08/07/2025 16:20	242785
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 21:20	242785
Boron	NELAP	0.0092	0.0250		1.03	mg/L	5	08/06/2025 21:20	242785
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/06/2025 21:20	242785
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	08/06/2025 21:20	242785
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	08/06/2025 21:20	242785
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 21:20	242785
Lithium	*	0.0015	0.0030		0.0396	mg/L	5	08/06/2025 21:20	242785
Molybdenum	NELAP	0.0006	0.0015		0.0050	mg/L	5	08/06/2025 21:20	242785
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/06/2025 21:20	242785
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/06/2025 21:20	242785
<i>LCS recovered outside upper control limits for Sb. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/04/2025 18:24	242803



Sample Summary

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

Client: Ramboll
Client Project: BAL-25Q3

Work Order: 25071002
Report Date: 28-Aug-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25071002-003	MW-150	Groundwater	2	07/31/2025 10:27
25071002-004	MW-151	Groundwater	2	07/30/2025 11:35
25071002-005	MW-152	Groundwater	2	07/30/2025 13:14
25071002-006	MW-153	Groundwater	2	07/29/2025 11:19
25071002-011	MW-252	Groundwater	2	07/30/2025 12:46
25071002-012	MW-253R	Groundwater	2	07/29/2025 10:48
25071002-013	MW-304	Groundwater	2	07/29/2025 12:27
25071002-014	MW-350R	Groundwater	2	07/31/2025 9:49
25071002-015	MW-352	Groundwater	2	07/30/2025 12:15
25071002-018	MW-358R	Groundwater	2	07/29/2025 11:32
25071002-019	MW-366	Groundwater	2	07/30/2025 10:10
25071002-022	MW-375	Groundwater	2	07/30/2025 10:43
25071002-023	MW-377	Groundwater	2	07/31/2025 11:15
25071002-025	MW-383	Groundwater	2	07/29/2025 12:24
25071002-026	MW-384	Groundwater	2	07/29/2025 13:09
25071002-027	MW-390	Groundwater	2	07/30/2025 11:32
25071002-028	MW-391R	Groundwater	2	07/30/2025 0:00
25071002-042	Field Blank	Aqueous	2	07/31/2025 11:15
25071002-043	MW-150 Duplicate	Groundwater	2	07/31/2025 10:27
25071002-044	MW-350R Duplicate	Groundwater	2	07/31/2025 9:49



Quality Control Results

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Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 2510 B FIELD

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1390	1412	0	98.6	90	110	07/29/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.6	90	110	07/29/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.5	90	110	07/29/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-AL											
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	07/30/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1430	1412	0	101.1	90	110	07/30/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-JC											
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	07/30/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-AL											
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	07/31/2025	

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1430	1412	0	101.4	90	110	07/31/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 2510 B FIELD

Batch R369069		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-JC											
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	07/31/2025	

SW-846 9040B FIELD

Batch R369069		SampType: LCS		Units							
SampID: LCS-1-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	07/29/2025	

Batch R369069		SampType: LCS		Units							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	07/29/2025	

Batch R369069		SampType: LCS		Units								
SampID: LCS-1-JC												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH		*	1.00		7.02	7.000	0	100.3	98.57	101.4	07/29/2025	

Batch R369069		SampType: LCS		Units							
SampID: LCS-2-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	07/30/2025	

Batch R369069		SampType: LCS		Units								Date Analyzed
SampID: LCS-2-BG												
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	07/30/2025		

Batch R369069		SampType: LCS		Units								Date Analyzed
SampID: LCS-2-JC												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH		*	1.00		7.04	7.000	0	100.6	98.57	101.4	07/30/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

SW-846 9040B FIELD

Batch R369069		SampType: LCS		Units							
SampID: LCS-3-AL											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	07/31/2025	

Batch R369069		SampType: LCS		Units							Date Analyzed
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	07/31/2025	

Batch R369069		SampType: LCS		Units							
SampID: LCS-3-JC											Date 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	07/31/2025	

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R369023		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	07/30/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/30/2025	

Batch R369023		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		250	250.0	0	100.0	90	110	07/30/2025
Total Dissolved Solids		20		248	250.0	0	99.2	90	110	07/30/2025

Batch R369023		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25071002-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		618				624.0	0.97	07/30/2025

Batch R369023		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25072498-001LDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		2190				2168	0.92	07/30/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R369214		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	08/01/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/01/2025	

Batch R369214		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		270	250.0	0	108.0	90	110	08/01/2025
Total Dissolved Solids		20		254	250.0	0	101.6	90	110	08/01/2025

Batch R369214		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25071002-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1670				1670	0.12	08/01/2025

Batch R369214		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25072551-006BDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		586				582.0	0.68	08/01/2025	

Batch R369214		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25072753-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1610				1608	0.12	08/01/2025

Batch R369303		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	08/04/2025	

Batch R369303		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		242	250.0	0	96.8	90	110	08/04/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R369303		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25071002-009ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		428				450.0	5.01	08/04/2025	

Batch R369311		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/05/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/05/2025	

Batch R369311		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		242	250.0	0	96.8	90	110	08/05/2025
Total Dissolved Solids		20		248	250.0	0	99.2	90	110	08/05/2025

Batch R369311		SampType: DUP		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25080038-001BDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20		898				892.0	0.67	08/05/2025	

Batch R369311		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25080181-007BDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20		864				862.0	0.23	08/05/2025	

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R368881		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	07/29/2025	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/29/2025	

Batch R368881		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	105.4	90	110	07/29/2025	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	105.4	90	110	07/29/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R368881		SampType: MS		Units mg/L							
SampID: 25072442-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.6	85	115	07/29/2025	

Batch R368881		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25072442-001BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.8	0.5080	0.20	07/29/2025	

Batch R368881		SampType: MS		Units mg/L							
SampID: 25072442-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.6	85	115	07/29/2025	

Batch R368881		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25072442-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.6	0.5080	0.00	07/29/2025

Batch R368881		SampType: MS		Units mg/L							
SampID: 25072473-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.0	85	115	07/29/2025	

Batch R368881		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072473-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0	104.2	0.5200	0.19	07/29/2025

Batch R369082		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	08/01/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	08/01/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R369082		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	105.1	90	110	08/01/2025
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	105.1	90	110	08/01/2025

Batch R369082		SampType: MS		Units mg/L						
SampID: 25071002-015AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	0.46	0.5000	0	92.0	85	115	08/01/2025

Batch R369082		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25071002-015AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05	H	0.47	0.5000	0	93.8	0.4600	1.94	08/01/2025

Batch R369082		SampType: MS		Units mg/L						
SampID: 25071002-044AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.2	85	115	08/01/2025

Batch R369082		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25071002-044AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	101.0	0.5110	1.18	08/01/2025

Batch R369082		SampType: MS		Units mg/L							
SampID: 25072715-001AMS											
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	98.8	85	115	08/01/2025	

Batch R369082		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25072715-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	98.8	0.4940	0.00	08/01/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R369082		SampType: MS		Units mg/L						
SampID: 25072717-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0.02300	100.4	85	115	08/01/2025

Batch R369082		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072717-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.53	0.5000	0.02300	102.2	0.5250	1.70	08/01/2025

Batch R369082		SampType: MS		Units mg/L							
SampID: 25072753-006BMS											
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	98.8	85	115	08/01/2025	

Batch R369082		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25072753-006BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.4	0.4940	0.61	08/01/2025	

Batch R369082		SampType: MS		Units mg/L							
SampID: 25080038-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.6	85	115	08/01/2025	

Batch R369082		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25080038-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	100.8	0.5130	1.77	08/01/2025

Batch R369082		SampType: MS		Units mg/L							
SampID: 25080038-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	101.0	85	115	08/01/2025	

Batch R369082		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25080038-004AMSD											
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	100.0	0.5050	1.00	08/01/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2016

Batch R369061		SampType: MS		Units mg/L						
SampID: 25072753-013BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.263	0.2500	0.03200	92.4	85	115	07/31/2025

Batch R369061		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072753-013BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.265	0.2500	0.03200	93.2	0.2630	0.76	07/31/2025

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R368856		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-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	07/29/2025	

Batch R368856		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.520	0.5000	0	104.0	90	110	07/29/2025

Batch R368856		SampType: MS		Units mg/L							
SampID: 25072179-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.250		3.16	1.250	1.813	108.2	90	110	07/29/2025	

Batch R368856		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072179-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		3.10	1.250	1.813	103.0	3.165	2.04	07/29/2025

Batch R368856		SampType: MS		Units mg/L							
SampID: 25072264-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		2.50		23.5	12.50	11.51	95.9	90	110	07/29/2025	



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Batch R368856		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25072264-004AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			2.50		23.5	12.50	11.51	95.8	23.49	0.01	07/29/2025	

Batch R368856		SampType: MS		Units mg/L							
SampID: 25072375-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		2.50		27.0	12.50	14.82	97.5	90	110	07/29/2025	

Batch R368856		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25072375-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			2.50		27.2	12.50	14.82	99.4	27.00	0.90	07/29/2025	

Batch R368856		SampType: MS		Units mg/L							
SampID: 25072444-004AMS											
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	07/29/2025	

Batch R368856		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25072444-004AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)				0.050		0.241	0.2500	0	96.4	0.2380	1.25	07/29/2025

Batch R368856		SampType: MS		Units mg/L							
SampID: 25072489-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		5.09	2.500	2.601	99.4	90	110	07/29/2025	

Batch R368856		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072489-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		5.15	2.500	2.601	102.1	5.085	1.35	07/29/2025	

Batch R369061		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-Nitrite (as N)			0.050		< 0.050	0.0090	0	0	-100	100	07/31/2025



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Work Order: 25071002

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Batch R369061 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		0.494	0.5000	0	98.8	90	110	07/31/2025

Batch R369061 SampType: MS Units mg/L

SampID: 25071002-044AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.275	0.2500	0.04700	91.2	85	115	07/31/2025

Batch R369061 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25071002-044AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.276	0.2500	0.04700	91.6	0.2750	0.36	07/31/2025

Batch R369061 SampType: MS Units mg/L

SampID: 25072447-003FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.32	2.500	1.879	97.8	90	110	07/31/2025

Batch R369061 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25072447-003FMMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.35	2.500	1.879	98.7	4.325	0.48	07/31/2025

Batch R369061 SampType: MS Units mg/L

SampID: 25072529-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		24.2	12.50	11.97	97.8	90	110	07/31/2025

Batch R369061 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25072529-002AMMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		24.3	12.50	11.97	99.0	24.19	0.61	07/31/2025

Batch R369061 SampType: MS Units mg/L

SampID: 25072533-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		1.30	1.250	0.1240	94.2	90	110	07/31/2025



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Batch R369061		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25072533-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250	S	1.25	1.250	0.1240	89.9	1.302	4.24	07/31/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368993		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	07/30/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/30/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/30/2025

Batch R368993		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.99	1.000	0	99.0	90	110	07/30/2025
Chloride		0.50		19.4	20.00	0	96.9	90	110	07/30/2025
Sulfate		1.00		18.4	20.00	0	92.0	90	110	07/30/2025

Batch R368993		SampType: MS		Units mg/L						
SampID: 25072498-001LMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.2510	101.3	80	120	07/30/2025
Chloride		5.00		247	200.0	40.61	103.2	80	120	07/30/2025
Sulfate		10.0		1330	200.0	1137	98.9	80	120	07/30/2025

Batch	R368993	SampType:	MSD	Units mg/L						RPD Limit 15	
SampID: 25072498-001LMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.50		10.4	10.00	0.2510	101.8	10.38	0.48	07/30/2025	
Chloride		5.00		249	200.0	40.61	104.3	247.1	0.89	07/30/2025	
Sulfate		10.0		1340	200.0	1137	104.1	1334	0.78	07/30/2025	

Batch	R368993	SampType:	MS	Units mg/L						
SampID: 25072498-003LMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.2290	101.4	80	120	07/30/2025
Chloride		5.00		271	200.0	59.13	106.2	80	120	07/30/2025



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Batch R368993		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25072498-003LMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.4	10.00	0.2290	101.9	10.37	0.54	07/30/2025
Chloride			5.00		272	200.0	59.13	106.6	271.4	0.30	07/30/2025

Batch R368993		SampType: MS		Units mg/L						
SampID: 25072561-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.0	10.00	0.6170	103.4	80	120	07/30/2025
Chloride		5.00		394	200.0	180.9	106.5	80	120	07/30/2025
Sulfate		10.0		233	200.0	37.58	97.5	80	120	07/30/2025

Batch R368993		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25072561-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		11.0	10.00	0.6170	104.0	10.96	0.54		
Chloride		5.00		395	200.0	180.9	107.1	393.9	0.27		
Sulfate		10.0		233	200.0	37.58	97.8	232.5	0.27		

Batch R369076		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	07/31/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/31/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/31/2025

Batch R369076		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.99	1.000	0	98.6	90	110	07/31/2025
Chloride		0.50		19.5	20.00	0	97.3	90	110	07/31/2025
Sulfate		1.00		18.4	20.00	0	92.2	90	110	07/31/2025



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Batch R369076		SampType: MS		Units mg/L						
SampID: 25071002-027AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.3610	104.5	80	120	07/31/2025
Chloride		5.00		267	200.0	51.22	108.1	80	120	07/31/2025
Sulfate		10.0		322	200.0	117.7	102.0	80	120	07/31/2025

Batch R369076		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25071002-027AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.7	10.00	0.3610	103.1	10.81	1.29	07/31/2025
Chloride			5.00		264	200.0	51.22	106.6	267.5	1.14	07/31/2025
Sulfate			10.0		319	200.0	117.7	100.7	321.7	0.78	07/31/2025

Batch R369076		SampType: MS		Units mg/L						
SampID: 25072646-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		12.1	10.00	0.8530	112.4	80	120	07/31/2025
Chloride		5.00		805	200.0	615.5	94.9	80	120	07/31/2025
Sulfate		10.0		328	200.0	127.9	100.1	80	120	07/31/2025

Batch R369076		SampType: MSD	Units mg/L						RPD Limit 15		Date Analyzed
SampID: 25072646-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		10.8	10.00	0.8530	99.5	12.10	11.34	07/31/2025	
Chloride		5.00		791	200.0	615.5	87.7	805.3	1.80	07/31/2025	
Sulfate		10.0		328	200.0	127.9	100.0	328.0	0.07	07/31/2025	

Batch R369076		SampType: MS		Units mg/L						
SampID: 25072663-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2750	99.7	80	120	07/31/2025
Chloride		5.00		218	200.0	17.28	100.5	80	120	07/31/2025
Sulfate		10.0		578	200.0	380.8	98.8	80	120	07/31/2025



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Batch R369076		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25072663-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2750	99.5	10.24	0.14	07/31/2025
Chloride		5.00		219	200.0	17.28	100.6	218.2	0.16	07/31/2025
Sulfate		10.0		577	200.0	380.8	97.9	578.4	0.30	07/31/2025

Batch R369116		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	08/01/2025
Chloride		0.50		ND	0.1000	0	0	0	100	08/01/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	08/01/2025

Batch R369116		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.04	1.000	0	104.2	90	110	08/01/2025
Chloride		0.50		20.5	20.00	0	102.7	90	110	08/01/2025
Sulfate		1.00		18.6	20.00	0	93.1	90	110	08/01/2025

Batch R369116		SampType: MS		Units mg/L						
SampID: 25072710-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.4220	103.7	80	120	08/01/2025
Chloride		5.00		212	200.0	12.73	99.5	80	120	08/01/2025
Sulfate		10.0		180	200.0	1.953	89.1	80	120	08/01/2025

Batch R369116		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25072710-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.8	10.00	0.4220	103.3	10.79	0.37	08/01/2025
Chloride		5.00		211	200.0	12.73	99.2	211.8	0.28	08/01/2025
Sulfate		10.0		183	200.0	1.953	90.5	180.1	1.64	08/01/2025



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Batch R369116		SampType: MS		Units mg/L						
SampID: 25072718-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.7	10.00	0.6900	99.9	80	120	08/01/2025
Chloride		5.00		287	200.0	79.15	104.0	80	120	08/01/2025
Sulfate		10.0		769	200.0	572.7	98.1	80	120	08/01/2025

Batch R369116		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25072718-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.7	10.00	0.6900	100.3	10.68	0.37	08/01/2025
Chloride			5.00		288	200.0	79.15	104.5	287.1	0.35	08/01/2025
Sulfate			10.0		770	200.0	572.7	98.8	769.0	0.17	08/01/2025

Batch R369116		SampType: MS		Units mg/L						
SampID: 25072740-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		108	100.0	2.240	105.4	80	120	08/01/2025
Chloride		50.0		5320	2000	3138	109.0	80	120	08/01/2025
Sulfate		100		5450	2000	3497	97.4	80	120	08/01/2025

Batch R369116		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25072740-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			5.00		106	100.0	2.240	103.3	107.7	2.02	08/01/2025
Chloride			50.0		5310	2000	3138	108.6	5317	0.14	08/01/2025
Sulfate			100		5440	2000	3497	97.2	5446	0.08	08/01/2025

Batch R369116		SampType: MS		Units mg/L						
SampID: 25072745-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.4200	100.7	80	120	08/01/2025
Chloride		5.00		241	200.0	36.41	102.2	80	120	08/01/2025
Sulfate		10.0		307	200.0	119.8	93.4	80	120	08/01/2025



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Batch R369116		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25072745-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.4	10.00	0.4200	99.8	10.49	0.92	08/01/2025
Chloride		5.00		239	200.0	36.41	101.5	240.7	0.55	08/01/2025
Sulfate		10.0		306	200.0	119.8	92.8	306.6	0.35	08/01/2025

Batch R369116		SampType: MS		Units mg/L						
SampID: 25072753-011BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0	101.4	80	120	08/01/2025
Chloride		5.00		375	200.0	158.6	108.4	80	120	08/01/2025
Sulfate		10.0		1990	200.0	1805	90.8	80	120	08/01/2025

Batch R369116		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25072753-011BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0	100.6	10.14	0.80	08/01/2025
Chloride		5.00		374	200.0	158.6	107.5	375.4	0.49	08/01/2025
Sulfate		10.0		1980	200.0	1805	86.3	1986	0.46	08/01/2025

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

Batch 242630		SampType: MBLK		Units mg/L						
SampID: MBLK-242630										
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	07/30/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/30/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/30/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/30/2025

Batch 242630		SampType: LCS		Units mg/L						
SampID: LCS-242630										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.07	5.000	0	101.4	85	115	07/30/2025
Magnesium		0.0500		4.67	5.000	0	93.3	85	115	07/30/2025
Potassium		0.100		5.53	5.000	0	110.6	85	115	07/30/2025
Sodium		0.0500		5.28	5.000	0	105.7	85	115	07/30/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242630 SampType: MS Units mg/L

SampleID: 25072447-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	147	5.000	143.5	62.6	75	125	08/01/2025
Magnesium		0.0500		26.0	5.000	21.49	90.5	75	125	08/01/2025

Batch 242630 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25072447-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	155	5.000	143.5	228.4	146.6	5.50	08/01/2025
Magnesium		0.0500		27.5	5.000	21.49	120.6	26.01	5.62	08/01/2025

Batch 242630 SampType: MS Units mg/L

SampleID: 25072471-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		33.8	5.000	28.78	99.4	75	125	08/04/2025
Magnesium		0.0500		32.6	5.000	28.03	92.1	75	125	08/04/2025

Batch 242630 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25072471-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		33.3	5.000	28.78	90.2	33.75	1.37	08/04/2025
Magnesium		0.0500		32.2	5.000	28.03	84.2	32.63	1.23	08/04/2025

Batch 242658 SampType: MBLK Units mg/L

SampleID: MBLK-242658

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/04/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/04/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/04/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/04/2025

Batch 242658 SampType: LCS Units mg/L

SampleID: LCS-242658

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.19	5.000	0	103.8	85	115	08/04/2025
Magnesium		0.0500		4.89	5.000	0	97.8	85	115	08/04/2025
Potassium		0.100		5.30	5.000	0	105.9	85	115	08/04/2025
Sodium		0.0500		5.26	5.000	0	105.3	85	115	08/04/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242658 SampType: MS Units mg/L

SampleID: 25071002-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		17.1	5.000	12.17	98.4	75	125	08/04/2025
Magnesium		0.0500		12.1	5.000	7.521	92.2	75	125	08/04/2025
Potassium		0.100		8.03	5.000	2.895	102.7	75	125	08/04/2025
Sodium		0.0500		257	5.000	251.0	120.8	75	125	08/04/2025

Batch 242658 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25071002-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		16.8	5.000	12.17	91.8	17.09	1.95	08/04/2025
Magnesium		0.0500		12.0	5.000	7.521	89.1	12.13	1.29	08/04/2025
Potassium		0.100		8.00	5.000	2.895	102.1	8.029	0.34	08/04/2025
Sodium		0.0500	S	250	5.000	251.0	-28.2	257.0	2.94	08/04/2025

Batch 242658 SampType: MS Units mg/L

SampleID: 25071002-026BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		21.6	5.000	16.67	99.2	75	125	08/04/2025
Magnesium		0.0500		11.5	5.000	6.678	95.8	75	125	08/04/2025
Potassium		0.100		8.26	5.000	2.588	113.3	75	125	08/04/2025
Sodium		0.500	S	634	5.000	603.8	610.0	75	125	08/05/2025

Batch 242658 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25071002-026BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		22.0	5.000	16.67	107.6	21.63	1.92	08/04/2025
Magnesium		0.0500		11.6	5.000	6.678	97.7	11.47	0.83	08/04/2025
Potassium		0.100		8.33	5.000	2.588	114.9	8.255	0.96	08/04/2025
Sodium		0.500	S	620	5.000	603.8	314.0	634.3	2.36	08/05/2025



Quality Control Results

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Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242737 SampType: MBLK Units mg/L
SampID: MBLK-242737

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	07/31/2025
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	07/31/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/31/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/31/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/04/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/31/2025

Batch 242737 SampType: LCS Units mg/L
SampID: LCS-242737

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.41	5.000	0	108.2	85	115	07/31/2025
Iron		0.0400		3.99	4.000	0	99.8	85	115	07/31/2025
Magnesium		0.0500		4.75	5.000	0	95.1	85	115	07/31/2025
Potassium		0.100		5.56	5.000	0	111.2	85	115	08/04/2025
Potassium		0.100		5.25	5.000	0	105.0	85	115	07/31/2025
Sodium		0.0500		5.17	5.000	0	103.4	85	115	07/31/2025

Batch 242737 SampType: MS Units mg/L
SampID: 25072620-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		7.59	4.000	3.680	97.8	75	125	07/31/2025

Batch 242737 SampType: MSD Units mg/L
SampID: 25072620-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		7.70	4.000	3.680	100.5	7.590	1.44	07/31/2025

Batch 242737 SampType: MS Units mg/L
SampID: 25072646-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		4.75	4.000	0.8597	97.3	75	125	07/31/2025

Batch 242737 SampType: MSD Units mg/L
SampID: 25072646-001BMDS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		4.88	4.000	0.8597	100.5	4.750	2.70	07/31/2025



Quality Control Results

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Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761 SampType: MBLK Units mg/L

SampID: MBLK-242761

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/01/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/01/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/01/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/01/2025

Batch 242761 SampType: LCS Units mg/L

SampID: LCS-242761

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.06	5.000	0	101.2	85	115	08/01/2025
Magnesium		0.0500		4.69	5.000	0	93.8	85	115	08/01/2025
Potassium		0.100		5.38	5.000	0	107.6	85	115	08/01/2025
Sodium		0.0500		5.31	5.000	0	106.1	85	115	08/01/2025

Batch 242761 SampType: MS Units mg/L

SampID: 25071002-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		20.2	5.000	14.90	106.0	75	125	08/01/2025
Magnesium		0.0500		11.9	5.000	6.942	98.9	75	125	08/01/2025
Potassium		0.100		8.76	5.000	3.338	108.5	75	125	08/01/2025
Sodium		0.0500	S	380	5.000	372.9	135.2	75	125	08/01/2025

Batch 242761 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25071002-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		19.9	5.000	14.90	99.4	20.20	1.65	08/01/2025
Magnesium		0.0500		11.7	5.000	6.942	95.2	11.88	1.55	08/01/2025
Potassium		0.100		8.54	5.000	3.338	104.1	8.762	2.51	08/01/2025
Sodium		0.0500	S	373	5.000	372.9	-3.6	379.6	1.84	08/01/2025

Batch 242761 SampType: MS Units mg/L

SampID: 25071002-035BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		124	5.000	120.2	83.4	75	125	08/01/2025
Magnesium		0.0500		56.2	5.000	51.43	95.2	75	125	08/01/2025
Potassium		0.100		8.17	5.000	2.842	106.5	75	125	08/01/2025
Sodium		0.0500		94.1	5.000	89.96	83.6	75	125	08/01/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 25071002-035BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Calcium		0.100	S	123	5.000	120.2	48.2	124.4	1.42	08/01/2025	
Magnesium		0.0500		55.3	5.000	51.43	78.1	56.19	1.54	08/01/2025	
Potassium		0.100		8.10	5.000	2.842	105.1	8.169	0.91	08/01/2025	
Sodium		0.0500		93.9	5.000	89.96	79.0	94.14	0.24	08/01/2025	

Batch 242785		SampType: MBLK		Units mg/L						
SampID: MBLK-242785										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/06/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/06/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/06/2025
Sodium		0.0500	JS	0.040	0.0180	0	224.4	-100	100	08/06/2025

Batch 242785		SampType: LCS		Units mg/L						
SampID: LCS-242785										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.97	5.000	0	99.4	85	115	08/06/2025
Magnesium		0.0500		4.73	5.000	0	94.7	85	115	08/06/2025
Potassium		0.100		5.09	5.000	0	101.7	85	115	08/06/2025
Sodium		0.0500	B	5.04	5.000	0	100.8	85	115	08/06/2025

Batch 242785		SampType: MS		Units mg/L						
SampID: 25071002-023BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		57.8	5.000	51.88	117.4	75	125	08/06/2025
Magnesium		0.0500		41.4	5.000	36.09	106.0	75	125	08/06/2025
Potassium		0.100		8.34	5.000	3.336	100.0	75	125	08/06/2025
Sodium		0.0500	BS	133	5.000	125.9	149.6	75	125	08/06/2025

Batch 242785		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25071002-023BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		56.1	5.000	51.88	84.4	57.75	2.90	08/06/2025
Magnesium		0.0500		40.2	5.000	36.09	82.5	41.40	2.88	08/06/2025
Potassium		0.100		8.14	5.000	3.336	96.1	8.336	2.33	08/06/2025
Sodium		0.0500	B	130	5.000	125.9	77.6	133.4	2.74	08/06/2025



Quality Control Results

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Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242785		SampType: MS		Units mg/L						
SampID: 25072718-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	149	5.000	140.2	180.2	75	125	08/06/2025
Magnesium		0.0500		30.2	5.000	24.39	115.3	75	125	08/06/2025

Batch 242785		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 25072718-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium			0.100	S	149	5.000	140.2	169.8	149.2	0.35	08/06/2025
Magnesium			0.0500		29.7	5.000	24.39	106.8	30.15	1.42	08/06/2025

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

Batch 242630		SampType: MBLK		Units mg/L							Date
SampID: MBLK-242630											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Antimony		0.0010		< 0.0010	0.0004	0	0	-100	100	07/30/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/30/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/30/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/30/2025	
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	07/30/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	07/30/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/30/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	07/30/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/04/2025	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	08/04/2025	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/30/2025	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	07/31/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/30/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/30/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/30/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/30/2025	
Potassium	*	0.175		< 0.175	0.0800	0	0	-100	100	07/30/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/30/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/30/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242630 SampType: LCS Units mg/L
SampID: LCS-242630

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.999	1.000	0	99.9	85	115	07/30/2025
Arsenic		0.0010		1.04	1.000	0	103.6	85	115	07/30/2025
Barium		0.0010		4.25	4.000	0	106.2	85	115	07/30/2025
Beryllium		0.0010		0.0984	0.1000	0	98.4	85	115	07/30/2025
Boron	*	0.0250		0.999	1.000	0	99.9	85	115	07/30/2025
Cadmium		0.0010		0.106	0.1000	0	105.7	85	115	07/30/2025
Chromium		0.0015		0.414	0.4000	0	103.4	85	115	07/30/2025
Cobalt		0.0010		0.957	1.000	0	95.7	85	115	08/04/2025
Iron	*	0.0250		3.86	4.000	0	96.4	85	115	08/04/2025
Iron	*	0.0250		3.92	4.000	0	97.9	85	115	07/31/2025
Iron	*	0.0250		4.04	4.000	0	101.0	85	115	07/30/2025
Lead		0.0010	E	1.01	1.000	0	100.9	85	115	07/30/2025
Lithium	*	0.0030		0.987	1.000	0	98.7	85	115	07/30/2025
Manganese		0.0020		1.03	1.000	0	103.2	85	115	07/30/2025
Molybdenum		0.0015		0.986	1.000	0	98.6	85	115	07/30/2025
Potassium	*	0.175		5.32	5.000	0	106.5	85	115	07/30/2025
Selenium		0.0010		1.03	1.000	0	103.0	85	115	07/30/2025
Thallium		0.0020		0.495	0.5000	0	98.9	85	115	07/30/2025

Batch 242630 SampType: MS Units mg/L
SampID: 25072447-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.0010		1.12	1.000	0.1029	101.9	70	130	08/05/2025
Barium		0.0010		4.04	4.000	0.2147	95.7	70	130	07/30/2025
Chromium		0.0015		0.419	0.4000	0.05448	91.2	70	130	08/05/2025
Manganese		0.0020		1.33	1.000	0.4456	88.4	70	130	08/05/2025
Selenium		0.0010		1.01	1.000	0.0009428	100.6	70	130	08/05/2025

Batch 242630 SampType: MSD Units mg/L
SampID: 25072447-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		0.0010		1.15	1.000	0.1029	104.6	1.122	2.33	08/05/2025
Barium		0.0010		4.12	4.000	0.2147	97.7	4.044	1.97	07/30/2025
Chromium		0.0015		0.433	0.4000	0.05448	94.7	0.4191	3.35	08/05/2025
Manganese		0.0020		1.36	1.000	0.4456	91.4	1.330	2.23	08/05/2025
Selenium		0.0010		1.03	1.000	0.0009428	103.0	1.007	2.32	08/05/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242658		SampType: MBLK		Units mg/L							
SampID: MBLK-242658											
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	07/30/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	07/30/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	07/30/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	07/30/2025	
Boron		0.0250	S	0.0311	0.0093	0	335.7	-100	100	07/31/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	07/30/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	07/30/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/04/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/30/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	07/31/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	07/30/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	07/30/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	07/30/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	07/30/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	07/30/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	07/30/2025	

Batch 242658		SampType: LCS		Units mg/L								
SampID: LCS-242658												Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		Analyzed	
Antimony		0.0010		1.05	1.000	0	105.0	80	120		07/30/2025	
Arsenic		0.0010		1.05	1.000	0	104.5	80	120		07/30/2025	
Barium		0.0010		4.27	4.000	0	106.7	80	120		07/30/2025	
Beryllium		0.0010		0.0971	0.1000	0	97.1	80	120		07/30/2025	
Boron		0.0250	B	0.957	1.000	0	95.7	80	120		07/31/2025	
Cadmium		0.0010		0.106	0.1000	0	105.6	80	120		07/30/2025	
Chromium		0.0015		0.407	0.4000	0	101.8	80	120		07/30/2025	
Cobalt		0.0010		0.929	1.000	0	92.9	80	120		08/04/2025	
Iron		0.0250		3.97	4.000	0	99.1	80	120		07/30/2025	
Iron		0.0250		3.85	4.000	0	96.3	80	120		07/31/2025	
Lead		0.0010		1.00	1.000	0	100.1	80	120		07/30/2025	
Lithium	*	0.0030		0.975	1.000	0	97.5	80	120		07/30/2025	
Manganese		0.0020		1.02	1.000	0	101.9	80	120		07/30/2025	
Molybdenum		0.0015		1.01	1.000	0	100.9	80	120		07/30/2025	
Selenium		0.0010		1.08	1.000	0	108.2	80	120		07/30/2025	
Thallium		0.0020		0.493	0.5000	0	98.6	80	120		07/30/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242658		SampType: MS		Units mg/L							
SampID: 25071002-017BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		1.04	1.000	0	103.8	75	125	07/30/2025	
Arsenic		0.0010		1.01	1.000	0.0004162	100.9	75	125	07/30/2025	
Barium		0.0010		4.17	4.000	0.03033	103.5	75	125	07/30/2025	
Beryllium		0.0010		0.0946	0.1000	0	94.6	75	125	07/30/2025	
Cadmium		0.0010		0.102	0.1000	0	102.4	75	125	07/30/2025	
Chromium		0.0015		0.378	0.4000	0	94.5	75	125	07/30/2025	
Cobalt		0.0010		0.983	1.000	0.0001201	98.3	75	125	08/04/2025	
Lead		0.0010		0.959	1.000	0	95.9	75	125	07/30/2025	
Lithium	*	0.0030		1.00	1.000	0.05299	94.7	75	125	07/30/2025	
Molybdenum		0.0015		1.01	1.000	0.001403	100.9	75	125	07/30/2025	
Selenium		0.0010		1.04	1.000	0	103.6	75	125	07/30/2025	
Thallium		0.0020		0.466	0.5000	0	93.2	75	125	07/30/2025	

Batch 242658		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25071002-017BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.01	1.000	0	100.8	1.038	3.02	07/30/2025
Arsenic		0.0010		1.03	1.000	0.0004162	103.3	1.010	2.30	07/30/2025
Barium		0.0010		4.15	4.000	0.03033	103.0	4.169	0.48	07/30/2025
Beryllium		0.0010		0.0956	0.1000	0	95.6	0.09460	1.02	07/30/2025
Cadmium		0.0010		0.102	0.1000	0	102.0	0.1024	0.33	07/30/2025
Chromium		0.0015		0.393	0.4000	0	98.3	0.3780	3.89	07/30/2025
Cobalt		0.0010		0.978	1.000	0.0001201	97.8	0.9834	0.54	08/04/2025
Lead		0.0010		1.01	1.000	0	100.7	0.9590	4.87	07/30/2025
Lithium	*	0.0030		1.02	1.000	0.05299	96.9	1.000	2.11	07/30/2025
Molybdenum		0.0015		1.02	1.000	0.001403	102.3	1.010	1.39	07/30/2025
Selenium		0.0010		1.07	1.000	0	106.6	1.036	2.83	07/30/2025
Thallium		0.0020		0.497	0.5000	0	99.4	0.4660	6.41	07/30/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242658		SampType: MS		Units mg/L						
SampID: 25071002-026BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.02	1.000	0	102.2	75	125	07/30/2025
Arsenic		0.0010		1.03	1.000	0	102.8	75	125	07/30/2025
Barium		0.0010		4.22	4.000	0.05082	104.2	75	125	07/30/2025
Beryllium		0.0010		0.0963	0.1000	0	96.3	75	125	07/30/2025
Boron		0.0250	B	2.48	1.000	1.493	98.9	75	125	07/31/2025
Cadmium		0.0010		0.100	0.1000	0	100.4	75	125	07/30/2025
Chromium		0.0015		0.390	0.4000	0.002027	97.0	75	125	07/30/2025
Cobalt		0.0010		1.01	1.000	0.0001515	101.0	75	125	08/04/2025
Lead		0.0010		1.00	1.000	0	100.2	75	125	07/30/2025
Lithium	*	0.0030		1.01	1.000	0.04423	96.7	75	125	07/30/2025
Molybdenum		0.0015		1.03	1.000	0.01116	102.1	75	125	07/30/2025
Selenium		0.0010		1.03	1.000	0	103.2	75	125	07/30/2025
Thallium		0.0020		0.493	0.5000	0	98.5	75	125	07/30/2025

Batch 242658		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25071002-026BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.00	1.000	0	100.5	1.022	1.63	07/30/2025
Arsenic		0.0010		1.00	1.000	0	100.1	1.028	2.63	07/30/2025
Barium		0.0010		4.16	4.000	0.05082	102.7	4.217	1.38	07/30/2025
Beryllium		0.0010		0.0967	0.1000	0	96.7	0.09631	0.43	07/30/2025
Boron		0.0250	B	2.51	1.000	1.493	101.7	2.481	1.12	07/31/2025
Cadmium		0.0010		0.0970	0.1000	0	97.0	0.1004	3.48	07/30/2025
Chromium		0.0015		0.389	0.4000	0.002027	96.8	0.3899	0.20	07/30/2025
Cobalt		0.0010		0.994	1.000	0.0001515	99.4	1.010	1.62	08/04/2025
Lead		0.0010		1.03	1.000	0	102.6	1.002	2.31	07/30/2025
Lithium	*	0.0030		1.01	1.000	0.04423	97.0	1.011	0.28	07/30/2025
Molybdenum		0.0015		1.00	1.000	0.01116	99.2	1.032	2.90	07/30/2025
Selenium		0.0010		1.01	1.000	0	101.2	1.032	1.98	07/30/2025
Thallium		0.0020		0.506	0.5000	0	101.1	0.4926	2.62	07/30/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242737		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-242737											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	08/06/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/05/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	08/05/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	08/05/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	08/06/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	08/05/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	08/05/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/05/2025	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	08/05/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	08/05/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/05/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/05/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	08/06/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/05/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/06/2025	

Batch 242737		SampType: LCS		Units mg/L							
SampID: LCS-242737											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010	S	1.22	1.000	0	121.8	80	120	08/06/2025	
Arsenic		0.0010		1.01	1.000	0	101.5	85	115	08/05/2025	
Barium		0.0010		4.33	4.000	0	108.3	85	115	08/05/2025	
Beryllium		0.0010		0.100	0.1000	0	100.4	85	115	08/05/2025	
Boron		0.0250		1.04	1.000	0	103.6	80	120	08/06/2025	
Cadmium		0.0010		0.107	0.1000	0	106.6	85	115	08/05/2025	
Chromium		0.0015		0.394	0.4000	0	98.4	85	115	08/05/2025	
Cobalt		0.0010		1.02	1.000	0	101.7	85	115	08/05/2025	
Iron	*	0.0250		4.02	4.000	0	100.5	85	115	08/05/2025	
Lead		0.0010		0.971	1.000	0	97.1	85	115	08/05/2025	
Lithium	*	0.0030		1.05	1.000	0	105.0	85	115	08/05/2025	
Manganese		0.0020		1.03	1.000	0	102.7	85	115	08/05/2025	
Molybdenum		0.0015		1.06	1.000	0	106.5	80	120	08/06/2025	
Selenium		0.0010		1.02	1.000	0	101.9	85	115	08/05/2025	
Thallium		0.0020		0.498	0.5000	0	99.7	80	120	08/06/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761 SampType: MBLK Units mg/L

SampID: MBLK-242761

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	08/06/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/06/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	08/07/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	08/06/2025
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	08/11/2025
Boron	*	0.0250	S	0.0579	0.0093	0	625.1	-100	100	08/07/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	08/06/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	08/06/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/06/2025
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	08/06/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	08/06/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/06/2025
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/06/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	08/07/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/06/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/06/2025

Batch 242761 SampType: LCS Units mg/L

SampID: LCS-242761

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.12	1.000	0	111.6	85	115	08/06/2025
Arsenic		0.0010		1.07	1.000	0	107.1	85	115	08/06/2025
Barium		0.0010		3.84	4.000	0	96.0	85	115	08/07/2025
Beryllium		0.0010		0.0913	0.1000	0	91.3	85	115	08/06/2025
Boron	*	0.0250		0.960	1.000	0	96.0	85	115	08/11/2025
Boron	*	0.0250	B	0.971	1.000	0	97.1	85	115	08/07/2025
Cadmium		0.0010		0.103	0.1000	0	103.3	85	115	08/06/2025
Chromium		0.0015		0.411	0.4000	0	102.8	85	115	08/06/2025
Cobalt		0.0010		1.00	1.000	0	100.3	85	115	08/06/2025
Iron	*	0.0250		4.19	4.000	0	104.8	85	115	08/06/2025
Lead		0.0010		0.946	1.000	0	94.6	85	115	08/06/2025
Lithium	*	0.0030		0.922	1.000	0	92.2	85	115	08/06/2025
Manganese		0.0020		1.02	1.000	0	102.0	85	115	08/06/2025
Molybdenum		0.0015		1.02	1.000	0	102.0	85	115	08/06/2025
Selenium		0.0010		1.06	1.000	0	105.7	85	115	08/06/2025
Thallium		0.0020		0.429	0.5000	0	85.8	85	115	08/06/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761		SampType: MS		Units mg/L						
SampID: 25071002-022BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.11	1.000	0	111.5	75	125	08/07/2025
Arsenic		0.0010		1.04	1.000	0.002624	104.1	75	125	08/07/2025
Barium		0.0010		4.36	4.000	0.02522	108.4	75	125	08/07/2025
Beryllium		0.0010		0.0930	0.1000	0	93.0	75	125	08/07/2025
Boron		0.0250	B	2.32	1.000	1.308	100.9	75	125	08/07/2025
Cadmium		0.0010		0.102	0.1000	0	102.5	75	125	08/07/2025
Chromium		0.0015		0.402	0.4000	0	100.5	75	125	08/07/2025
Cobalt		0.0010		0.945	1.000	0.001786	94.3	75	125	08/07/2025
Lead		0.0010		0.996	1.000	0.002115	99.4	75	125	08/07/2025
Lithium	*	0.0030		0.971	1.000	0.06446	90.7	75	125	08/07/2025
Molybdenum		0.0015		0.953	1.000	0.01574	93.8	75	125	08/07/2025
Selenium		0.0010		1.05	1.000	0	104.7	75	125	08/07/2025
Thallium		0.0020		0.457	0.5000	0	91.4	75	125	08/07/2025

Batch 242761		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25071002-022BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.12	1.000	0	112.4	1.115	0.86	08/07/2025
Arsenic		0.0010		1.07	1.000	0.002624	106.6	1.043	2.41	08/07/2025
Barium		0.0010		4.25	4.000	0.02522	105.7	4.360	2.47	08/07/2025
Beryllium		0.0010		0.0892	0.1000	0	89.2	0.09302	4.18	08/07/2025
Boron		0.0250	B	2.35	1.000	1.308	103.9	2.317	1.29	08/07/2025
Cadmium		0.0010		0.102	0.1000	0	101.6	0.1025	0.84	08/07/2025
Chromium		0.0015		0.395	0.4000	0	98.8	0.4022	1.74	08/07/2025
Cobalt		0.0010		0.922	1.000	0.001786	92.1	0.9446	2.38	08/07/2025
Lead		0.0010		0.948	1.000	0.002115	94.6	0.9961	4.92	08/07/2025
Lithium	*	0.0030		0.959	1.000	0.06446	89.4	0.9715	1.34	08/07/2025
Molybdenum		0.0015		0.947	1.000	0.01574	93.2	0.9533	0.63	08/07/2025
Selenium		0.0010		1.05	1.000	0	104.5	1.047	0.17	08/07/2025
Thallium		0.0020		0.437	0.5000	0	87.3	0.4571	4.58	08/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761		SampType: MS		Units mg/L						
SampID: 25071002-035BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.12	1.000	0	112.0	75	125	08/07/2025
Arsenic		0.0010		1.03	1.000	0.003308	103.0	75	125	08/07/2025
Barium		0.0010		4.43	4.000	0.1079	108.1	75	125	08/07/2025
Beryllium		0.0010		0.0935	0.1000	0	93.5	75	125	08/07/2025
Boron		0.0250		1.52	1.000	0.4676	105.1	75	125	08/11/2025
Cadmium		0.0010		0.105	0.1000	0	104.8	75	125	08/07/2025
Chromium		0.0015		0.389	0.4000	0	97.3	75	125	08/07/2025
Cobalt		0.0010		0.927	1.000	0.002799	92.4	75	125	08/07/2025
Lead		0.0010		0.982	1.000	0	98.2	75	125	08/07/2025
Lithium	*	0.0030		0.936	1.000	0.02712	90.9	75	125	08/07/2025
Molybdenum		0.0015		0.909	1.000	0.002081	90.7	75	125	08/07/2025
Selenium		0.0010		1.02	1.000	0	101.6	75	125	08/07/2025
Thallium		0.0020		0.449	0.5000	0	89.9	75	125	08/07/2025

Batch 242761		SampType: MSD	Units mg/L				RPD Limit 20			
SampID: 25071002-035BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		1.14	1.000	0	113.6	1.120	1.39	08/07/2025
Arsenic		0.0010		1.07	1.000	0.003308	106.5	1.034	3.35	08/07/2025
Barium		0.0010		4.40	4.000	0.1079	107.3	4.431	0.70	08/07/2025
Beryllium		0.0010		0.0898	0.1000	0	89.8	0.09348	4.01	08/07/2025
Boron		0.0250		1.50	1.000	0.4676	102.9	1.519	1.49	08/11/2025
Cadmium		0.0010		0.105	0.1000	0	104.8	0.1048	0.00	08/07/2025
Chromium		0.0015		0.415	0.4000	0	103.8	0.3894	6.40	08/07/2025
Cobalt		0.0010		0.940	1.000	0.002799	93.7	0.9265	1.45	08/07/2025
Lead		0.0010		0.989	1.000	0	98.9	0.9819	0.72	08/07/2025
Lithium	*	0.0030		0.949	1.000	0.02712	92.2	0.9358	1.39	08/07/2025
Molybdenum		0.0015		0.922	1.000	0.002081	91.9	0.9089	1.38	08/07/2025
Selenium		0.0010		1.07	1.000	0	106.7	1.016	4.90	08/07/2025
Thallium		0.0020		0.474	0.5000	0	94.9	0.4494	5.41	08/07/2025

Batch 242761		SampType: MS		Units mg/L							
SampID: 25072663-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium		0.0010		1.03	1.000	0	103.0	70	130	08/07/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242761		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 25072663-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium		0.0010		1.09	1.000	0	109.1	1.030	5.75	08/07/2025	

Batch 242785		SampType: MBLK		Units mg/L							
SampID: MBLK-242785											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	08/06/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/06/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	08/06/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	08/06/2025	
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	08/06/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	08/06/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	08/06/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/06/2025	
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	08/06/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	08/06/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/06/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/06/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	08/06/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/06/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/06/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242785		SampType: LCS		Units mg/L							
SampID: LCS-242785											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		1.05	1.000	0	104.8	85	115	08/07/2025	
Antimony		0.0010	S	1.17	1.000	0	117.5	85	115	08/06/2025	
Arsenic		0.0010		1.06	1.000	0	105.8	85	115	08/06/2025	
Barium		0.0010		4.19	4.000	0	104.8	85	115	08/07/2025	
Beryllium		0.0010		0.0962	0.1000	0	96.2	85	115	08/06/2025	
Boron	*	0.0250		1.06	1.000	0	105.6	85	115	08/06/2025	
Cadmium		0.0010		0.108	0.1000	0	108.4	85	115	08/06/2025	
Chromium		0.0015		0.419	0.4000	0	104.6	85	115	08/06/2025	
Cobalt		0.0010		1.03	1.000	0	102.6	85	115	08/06/2025	
Iron	*	0.0250		4.06	4.000	0	101.5	85	115	08/07/2025	
Iron	*	0.0250	S	4.96	4.000	0	124.0	85	115	08/06/2025	
Lead		0.0010		1.05	1.000	0	105.2	85	115	08/06/2025	
Lithium	*	0.0030		0.997	1.000	0	99.7	85	115	08/06/2025	
Manganese		0.0020		1.04	1.000	0	104.2	85	115	08/06/2025	
Molybdenum		0.0015		1.02	1.000	0	101.7	85	115	08/06/2025	
Selenium		0.0010		1.08	1.000	0	108.2	85	115	08/06/2025	
Thallium		0.0020		0.495	0.5000	0	99.0	85	115	08/06/2025	

Batch 242785		SampType: MS		Units mg/L							
SampID: 25071002-023BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		1.13	1.000	0	112.6	75	125	08/06/2025	
Arsenic		0.0010		1.05	1.000	0	105.4	75	125	08/06/2025	
Barium		0.0010		4.61	4.000	0.05833	113.9	75	125	08/07/2025	
Beryllium		0.0010		0.0933	0.1000	0	93.3	75	125	08/06/2025	
Boron		0.0250		2.55	1.000	1.589	96.5	75	125	08/06/2025	
Cadmium		0.0010		0.104	0.1000	0	103.9	75	125	08/06/2025	
Chromium		0.0015		0.399	0.4000	0	99.7	75	125	08/06/2025	
Cobalt		0.0010		0.993	1.000	0.0001450	99.3	75	125	08/06/2025	
Lead		0.0010		0.945	1.000	0	94.5	75	125	08/06/2025	
Lithium	*	0.0030		0.997	1.000	0.05674	94.0	75	125	08/06/2025	
Molybdenum		0.0015		0.996	1.000	0	99.6	75	125	08/06/2025	
Selenium		0.0010		1.05	1.000	0	104.6	75	125	08/06/2025	
Thallium		0.0020		0.441	0.5000	0	88.3	75	125	08/06/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

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

Batch 242785		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25071002-023BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		1.14	1.000	0	114.0	1.126	1.28	08/06/2025	
Arsenic		0.0010		1.05	1.000	0	105.5	1.054	0.03	08/06/2025	
Barium		0.0010		4.35	4.000	0.05833	107.2	4.613	5.94	08/07/2025	
Beryllium		0.0010		0.0915	0.1000	0	91.5	0.09328	1.90	08/06/2025	
Boron		0.0250		2.51	1.000	1.589	91.9	2.555	1.83	08/06/2025	
Cadmium		0.0010		0.104	0.1000	0	103.8	0.1039	0.13	08/06/2025	
Chromium		0.0015		0.400	0.4000	0	99.9	0.3988	0.22	08/06/2025	
Cobalt		0.0010		0.992	1.000	0.0001450	99.1	0.9930	0.14	08/06/2025	
Lead		0.0010		0.982	1.000	0	98.2	0.9448	3.90	08/06/2025	
Lithium	*	0.0030		0.972	1.000	0.05674	91.5	0.9972	2.60	08/06/2025	
Molybdenum		0.0015		1.02	1.000	0	101.7	0.9962	2.02	08/06/2025	
Selenium		0.0010		1.05	1.000	0	104.6	1.046	0.02	08/06/2025	
Thallium		0.0020		0.449	0.5000	0	89.8	0.4413	1.71	08/06/2025	

Batch 242899		SampType: MBLK		Units mg/L							
SampID: MBLK-242899											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	08/07/2025	

Batch 242899		SampType: LCS		Units mg/L							
SampID: LCS-242899											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		0.0250		1.07	1.000	0	107.3	80	120	08/07/2025	

Batch 242899		SampType: MS		Units mg/L							
SampID: 25071002-017BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		0.0250		2.90	1.000	1.901	99.9	75	125	08/07/2025	

Batch 242899		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25071002-017BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Boron		0.0250		2.87	1.000	1.901	97.2	2.900	0.95	08/07/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

SW-846 7470A (TOTAL)

Batch 242632		SampType: MBLK		Units mg/L							
SampID: MBLK-242632											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	07/30/2025	

Batch 242632		SampType: LCS		Units mg/L							
SampID: LCS-242632											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00518	0.0050	0	103.6	85	115	07/30/2025	

Batch 242632		SampType: MS		Units mg/L							
SampID: 25072444-001BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00503	0.0050	0	100.6	75	125	07/30/2025	

Batch 242632		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25072444-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00506	0.0050	0	101.2	0.005029	0.62	07/30/2025

Batch 242660		SampType: MBLK		Units mg/L							
SampID: MBLK-242660											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	07/30/2025	

Batch 242660		SampType: LCS		Units mg/L							
SampID: LCS-242660											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00514	0.0050	0	102.8	85	115	07/30/2025	

Batch 242660		SampType: MS		Units mg/L							
SampID: 25071002-045BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00542	0.0050	0	108.4	75	125	07/30/2025	

Batch 242660		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-045BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00544	0.0050	0	108.7	0.005421	0.30	07/30/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

SW-846 7470A (TOTAL)

Batch 242738		SampType: MBLK		Units mg/L							
SampID: MBLK-242738											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	07/31/2025	

Batch 242738		SampType: LCS		Units mg/L							
SampID: LCS-242738											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00499	0.0050	0	99.8	85	115	07/31/2025	

Batch 242738		SampType: MS		Units mg/L							
SampID: 25071002-004BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00483	0.0050	0	96.7	75	125	07/31/2025	

Batch 242738		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-004BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00474	0.0050	0	94.8	0.004834	1.92	07/31/2025

Batch 242738		SampType: MS		Units mg/L							
SampID: 25072600-054CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00473	0.0050	0	94.6	75	125	07/31/2025	

Batch 242738		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25072600-054CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00442	0.0050	0	88.4	0.004730	6.76	07/31/2025

Batch 242760		SampType: MBLK		Units mg/L							
SampID: MBLK-242760											
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	07/31/2025	

Batch 242760		SampType: LCS		Units mg/L							
SampID: LCS-242760											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00471	0.0050	0	94.2	85	115	07/31/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

SW-846 7470A (TOTAL)

Batch 242760		SampType: MS		Units mg/L							
SampID: 25071002-030BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00451	0.0050	0	90.3	75	125	07/31/2025	

Batch 242760		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-030BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00440	0.0050	0	88.1	0.004514	2.45	07/31/2025

Batch 242802		SampType: MBLK		Units mg/L							
SampID: MBLK-242802											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	08/01/2025	

Batch 242802		SampType: LCS		Units mg/L							
SampID: LCS-242802											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00487	0.0050	0	97.3	85	115	08/01/2025	

Batch 242802		SampType: MS		Units mg/L							
SampID: 25071002-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00449	0.0050	0	89.8	75	125	08/01/2025	

Batch 242802		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00470	0.0050	0	94.1	0.004490	4.65	08/01/2025

Batch 242803		SampType: MBLK		Units mg/L							
SampID: MBLK-242803											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	08/01/2025	

Batch 242803		SampType: LCS		Units mg/L							
SampID: LCS-242803											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00478	0.0050	0	95.6	85	115	08/01/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

SW-846 7470A (TOTAL)

Batch 242803		SampType: MS		Units mg/L							
SampID: 25071002-039BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00443	0.0050	0	88.6	75	125	08/04/2025	

Batch 242803		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-039BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00429	0.0050	0	85.7	0.004429	3.30	08/04/2025	

Batch 242803		SampType: MS		Units mg/L							
SampID: 25071002-044BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00428	0.0050	0	85.5	75	125	08/04/2025	

Batch 242803		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25071002-044BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00422	0.0050	0	84.4	0.004277	1.36	08/04/2025	



Receiving Check List

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

Client: Ramboll

Work Order: 25071002

Client Project: BAL-25Q3

Report Date: 28-Aug-25

Carrier: Allison Lampe

Received By: AMD

Completed by:

On:

29-Jul-25

Amber Dilallo

Reviewed by:

On:

31-Jul-25

Ellie Hopkins

Pages to follow:

Chain of custody

11

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 19.3

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.

Samples were received on 7/29/25 at 1550 on ice [Cooler #2 = 20.1C and Cooler #3 = 22.9C - LTG#5]. pH strip #101358. - JD/amberdilallo - 7/29/2025 4:13:50 PM

Samples were received on 7/30/25 at 15:35 on ice [Cooler #1 = 10.3C, Cooler #2 = 6.7C, Cooler #3 = 10.9C, and Cooler #4 = 14.1C - LTG#3]. pH#101358 - lhenson - 7/31/2025 8:26:27 AM

Samples were received on 7/31/25 at 1325 on ice [Cooler #1 = 11.5, Cooler #2 = 13.1 and Cooler #3 = 14.3C - LTG#5]. Additional Nitric Acid (104844) was needed in MW-154 upon arrival at the laboratory. pH strip #101358. - JD/amberdilallo - 7/31/2025 2:31:48 PM

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Invoice Information:

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> <u>CODE</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								<u>Analysis Test</u>	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		Y	N	Y	N	Y	N	Y	N	Y	N										
1	MW-104DR		WT	G	7-29-25	1256		2	1		1								X																25071002-001		
2	MW-104SR		WT	G	7-29-25	1321		2	1		1								X																25071002-002		
3	MW-150		WT	G				2	1		1								X		X	X													25071002-003		
4	MW-151		WT	G				2	1		1								X		X	X													25071002-004		
5	MW-152		WT	G				2	1		1								X		X	X													25071002-005		
6	MW-153		WT	G	7-29-25	1119		2	1		1								X		X	X													25071002-006		
7	MW-154		WT	G				2	1		1										X															25071002-007	
8	MW-155		WT	G				2	1		1										X															25071002-008	
9	MW-192		WT	G				2	1		1								X																	25071002-009	
10	MW-193		WT	G				2	1		1								X		X															25071002-010	
11	MW-252		WT	G				2	1		1								X		X	X														25071002-011	
12	MW-253R		WT	G	7-29-25	1048		2	1		1								X		X	X														25071002-012	
13	MW-304		WT	G	7-29-25	1227		2	1		1								X	X	X	X	X													25071002-013	
14	MW-350R		WT	G				2	1		1								X		X	X														25071002-014	
15	MW-352		WT	G				2	1		1								X		X	X														25071002-015	
16	MW-355		WT	G				2	1		1										X																25071002-016
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION					DATE	TIME	SAMPLE CONDITIONS																					
BAL-25Q3 Rev 0					Alvin Jones		7-29-25	350	MICHAEL					7/29/25	1930																						

50 7/29/25

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Page: 2 of 4

Requested Analysis Filtered (Y/N)

SAMPLER NAME AND SIGNATURE	
----------------------------	--

Justin Cole

Antarctica

DATE Signed
(MM/DD/YY):

7-74-B

Temp in °C

Received on
100 (N/N)

Custody Sealed Cooler (Y/N)	
-----------------------------------	--

Samples
Intact (Y/N)

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ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WIPE WP AIR AP 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								$\downarrow$ Analysis Test $\uparrow$	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.					
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																		
1	OW-157		WT	G				0										BAL-257-601																25071002-033
2	OW-256		WT	G				2	1		1							X	X														25071002-034	
3	OW-257		WT	G				2	1		1							X	X														25071002-035	
4	PZ-170		WT	G	7-29-25	1210		2	1		1							X	X														25071002-036	
5	PZ-182		WT	G				2	1		1							X	X														25071002-037	
6	TPZ-164		WT	G				2	1		1							X	X														25071002-038	
7	XPW01		WT	G				2	1		1							X	X														25071002-039	
8	XPW05		WT	G				2	1		1							X	X														25071002-040	
9	XPW06		WT	G				2	1		1							X	X														25071002-041	
10	Field Blank		WT	G				2	1		1							X	X	X	X	X											25071002-042	
11	MW-150 Duplicate		WT	G				2	1		1								X		X	X											25071002-043	
12	MW-350R Duplicate		WT	G				2	1		1								X		X	X											25071002-044	
13	MW-382 Duplicate		WT	G	7-29-25	1307		2	1		1							X	X														25071002-045	
14	OW-257 Duplicate		WT	G				2	1		1							X	X														25071002-046	
15	Equipment Blank 1		WT	G				2	1		1							X	X	X	X	X											25071002-047	
16	Equipment Blank 2		WT	G				2	1		1							X	X	X	X	X											25071002-048	
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION					DATE	TIME	SAMPLE CONDITIONS																	
BAL-25Q3 Rev 0					[Signature]			7-29-25	350	[Signature]					7/29/25	1550																		

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>Ranson Lampe</i>					
SIGNATURE of SAMPLER: <i>Allen Lampe</i>	DATE Signed (MM/DD/YY): <i>7-29-25</i>				

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[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: Allison Long					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 7/24/25				

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Invoice Information:

Page: 1 of 4

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

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> 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)										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-WPCP-605												
1	MW-104DR	WT	G				2	1		1						X											25071002-001							
2	MW-104SR	WT	G				2	1		1						X											25071002-002							
3	MW-150	WT	G				2	1		1						X		X	X								25071002-003							
4	MW-151	WT	G	7-30-25	1135		2	1		1						X		X	X								25071002-004							
5	MW-152	WT	G	7-30-25	1314		2	1		1						X		X	X								25071002-005							
6	MW-153	WT	G				2	1		1						X		X	X								25071002-006							
7	MW-154	WT	G				2	1		1								X									25071002-007							
8	MW-155	WT	G				2	1		1								X									25071002-008							
9	MW-192	WT	G	7-30-25	1030		2	1		1						X		X									25071002-009							
10	MW-193	WT	G	7-30-25	957		2	1		1						X		X									25071002-010							
11	MW-252	WT	G	7-30-25	1246		2	1		1							X		X	X							25071002-011							
12	MW-253R	WT	G				2	1		1							X		X	X							25071002-012							
13	MW-304	WT	G				2	1		1						X	X	X	X	X							25071002-013							
14	MW-350R	WT	G				2	1		1							X		X	X							25071002-014							
15	MW-352	WT	G	7-30-25	1216		2	1		1							X		X	X							25071002-015							
16	MW-355	WT	G				2	1		1									X								25071002-016							
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																				
BAL-25Q3 Rev 0		J. Colp		7-30		1535		[Signature]		7/30/25		1535																						
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: Brett Gillihan																																		
SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YYYY): 7-30-25																																		

LT 7/31/25

Temp 10.3, 6.7, 10.9, 14.1 UG#3

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Section C
Invoice Information:

Page: 2 of 4

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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE	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-WPCP-605												
1	MW-356		WT	G				2	1		1							X		X													25071002-017	
2	MW-358R		WT	G				2	1		1							X	X	X	X												25071002-018	
3	MW-366		WT	G	7-30-25	1010		2	1		1								X		X												25071002-019	
4	MW-369		WT	G				2	1		1							X		X													25071002-020	
5	MW-370		WT	G				2	1		1							X		X													25071002-021	
6	MW-375		WT	G	7-30-25	1043		2	1		1								X		X												25071002-022	
7	MW-377		WT	G				2	1		1								X		X												25071002-023	
8	MW-382		WT	G				2	1		1							X		X													25071002-024	
9	MW-383		WT	G				2	1		1								X		X												25071002-025	
10	MW-384		WT	G				2	1		1								X		X												25071002-026	
11	MW-390		WT	G	7-30-25	1152		2	1		1								X		X												25071002-027	
12	MW-391R		WT	G	7-30-25	Dry		2	1		1								X		X												25071002-028	
13	MW-392		WT	G	7-30-25	1211		2	1		1							X		X													25071002-029	
14	MW-393		WT	G	7-30-25	1243		2	1		1							X		X													25071002-030	
15	MW-394		WT	G	7-30-25	1315		2	1		1							X		X													25071002-031	
16	OW-156		WT	G	7-30-25	1159		0														X											25071002-032	
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY /																									

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): 7-30-25				

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Invoice Information:

Page: 3 of 4

Company: Vistra Corp-Baldwin		Report To: Brian Voelker	Attention: Brian Voelker		
Address: 10901 Baldwin Road		Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY	
Baldwin, IL 62217			Address: see Section A	NPDES	GROUND WATER
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:	Quote Reference:	UST	RCRA
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	OTHER	
Requested Due Date/TAT: 10 day		Project Number:	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: Allison Lampe					
SIGNATURE of SAMPLER: Allison Lampe	DATE Signed (MM/DD/YY): 7-30-25				

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Page: 1 of 4

[illegible]

JD
7/31/25

11.5, 13.1 & 14.3
ice LTCs

25071002

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: 2 of 4	
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: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location IL	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		STATE:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL QL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
BAL-25Q3 Rev 0		<i>Adrian L...</i>		7-31-25	1325	<i>Umigh O...</i>		7-31-25	1325				
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Justin Corp</i> SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed (MM/DD/YY): <i>7-31-25</i>										Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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Page: 3 of 4

[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: <i>Justin Gelp</i>	DATE Signed (MM/DD/YY): 7-31-25				

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Page: 4 of 4

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY):				

August 29, 2025

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-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-25Q3

WorkOrder: 25071003

Dear Eric Bauer:

TEKLAB, INC received 38 samples on 7/31/2025 1:25:00 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: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	41
Receiving Check List	43
Chain of Custody	Appended

Definitions

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

Client: Ramboll

Work Order: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

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: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

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: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

Cooler Receipt Temp: 19.3 °C

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

MW-391R was dry. Equipment Blanks were not required.

MW-352: collection time per field file. (ehurley - 8/1/2025 1:15:50 PM)

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

Locations

Collinsville

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Email jhriley@teklabinc.com



Accreditations

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

Client: Ramboll

Work Order: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-001
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-150
Collection Date: 07/31/2025 10:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:49	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-002
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-151
Collection Date: 07/30/2025 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:49	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-003
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-152
Collection Date: 07/30/2025 13:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-004
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-153
Collection Date: 07/29/2025 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-005
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-192
Collection Date: 07/30/2025 10:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-006
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-193
Collection Date: 07/30/2025 9:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-007
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-252
Collection Date: 07/30/2025 12:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-008
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-253R
Collection Date: 07/29/2025 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:54	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-009
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-304
Collection Date: 07/29/2025 12:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-010
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-350R
Collection Date: 07/31/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-011
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25

Client Sample ID: MW-352

Collection Date: 07/30/2025 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-012
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-356
Collection Date: 07/29/2025 13:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-013
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-358R
Collection Date: 07/29/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-014
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25

Client Sample ID: MW-366

Collection Date: 07/30/2025 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-015
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-369
Collection Date: 07/29/2025 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-016
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-370
Collection Date: 07/29/2025 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-017
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-375
Collection Date: 07/30/2025 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-018
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-377
Collection Date: 07/31/2025 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	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-019
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-382
Collection Date: 07/29/2025 13:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-020
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-383
Collection Date: 07/29/2025 12:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:56	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-021
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-384
Collection Date: 07/29/2025 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-022
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-390
Collection Date: 07/30/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-024
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-392
Collection Date: 07/30/2025 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	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-025
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-393
Collection Date: 07/30/2025 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-026
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-394
Collection Date: 07/30/2025 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:55	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-027
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: OW-256
Collection Date: 07/30/2025 11:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:56	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-028
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: OW-257
Collection Date: 07/30/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:56	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-029
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: PZ-170
Collection Date: 07/29/2025 12:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:57	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-030
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: PZ-182
Collection Date: 07/30/2025 12:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:57	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-031
Matrix: AQUEOUS

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: Field Blank
Collection Date: 07/31/2025 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	08/27/2025 11:57	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-032
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-150 Duplicate
Collection Date: 07/31/2025 10:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:57	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-033
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-350R Duplicate
Collection Date: 07/31/2025 9:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 11:58	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-034
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: MW-382 Duplicate
Collection Date: 07/29/2025 13:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 13:47	R370543



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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

Client: Ramboll
Client Project: BAL-25Q3
Lab ID: 25071003-035
Matrix: GROUNDWATER

Work Order: 25071003
Report Date: 29-Aug-25
Client Sample ID: OW-257 Duplicate
Collection Date: 07/30/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/27/2025 13:47	R370543



Sample Summary

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

Client: Ramboll
Client Project: BAL-25Q3

Work Order: 25071003
Report Date: 29-Aug-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25071003-001	MW-150	Groundwater	1	07/31/2025 10:27
25071003-002	MW-151	Groundwater	1	07/30/2025 11:35
25071003-003	MW-152	Groundwater	1	07/30/2025 13:14
25071003-004	MW-153	Groundwater	1	07/29/2025 11:19
25071003-005	MW-192	Groundwater	1	07/30/2025 10:30
25071003-006	MW-193	Groundwater	1	07/30/2025 9:57
25071003-007	MW-252	Groundwater	1	07/30/2025 12:46
25071003-008	MW-253R	Groundwater	1	07/29/2025 10:48
25071003-009	MW-304	Groundwater	1	07/29/2025 12:27
25071003-010	MW-350R	Groundwater	1	07/31/2025 9:49
25071003-011	MW-352	Groundwater	1	07/30/2025 12:15
25071003-012	MW-356	Groundwater	1	07/29/2025 13:57
25071003-013	MW-358R	Groundwater	1	07/29/2025 11:32
25071003-014	MW-366	Groundwater	1	07/30/2025 10:10
25071003-015	MW-369	Groundwater	1	07/29/2025 10:45
25071003-016	MW-370	Groundwater	1	07/29/2025 11:30
25071003-017	MW-375	Groundwater	1	07/30/2025 10:43
25071003-018	MW-377	Groundwater	1	07/31/2025 11:15
25071003-019	MW-382	Groundwater	1	07/29/2025 13:07
25071003-020	MW-383	Groundwater	1	07/29/2025 12:24
25071003-021	MW-384	Groundwater	1	07/29/2025 13:09
25071003-022	MW-390	Groundwater	1	07/30/2025 11:32
25071003-023	MW-391R	Groundwater	1	07/30/2025 0:00
25071003-024	MW-392	Groundwater	1	07/30/2025 12:11
25071003-025	MW-393	Groundwater	1	07/30/2025 12:43
25071003-026	MW-394	Groundwater	1	07/30/2025 13:15
25071003-027	OW-256	Groundwater	1	07/30/2025 11:22
25071003-028	OW-257	Groundwater	1	07/30/2025 13:27
25071003-029	PZ-170	Groundwater	1	07/29/2025 12:10
25071003-030	PZ-182	Groundwater	1	07/30/2025 12:33
25071003-031	Field Blank	Aqueous	1	07/31/2025 11:15
25071003-032	MW-150 Duplicate	Groundwater	1	07/31/2025 10:27
25071003-033	MW-350R Duplicate	Groundwater	1	07/31/2025 9:49
25071003-034	MW-382 Duplicate	Groundwater	1	07/29/2025 13:07
25071003-035	OW-257 Duplicate	Groundwater	1	07/30/2025 13:27
25071003-036	Equipment Blank 1	Aqueous	1	
25071003-037	Equipment Blank 2	Aqueous	1	
25071003-038	Equipment Blank 3	Aqueous	1	



Receiving Check List

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

Client: Ramboll

Work Order: 25071003

Client Project: BAL-25Q3

Report Date: 29-Aug-25

Carrier: Allison Lampe

Received By: AMD

Completed by:

On:

29-Jul-25

Amber Dilallo

Reviewed by:

On:

31-Jul-25

Ellie Hopkins

Pages to follow:

Chain of custody

11

Extra pages included

44

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 19.3
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.

Samples were received on 7/29/25 at 1550 on ice [Cooler #2 = 19.3, Cooler #3 = 20.1 and Cooler #4 = 22.9C - LTG#5]. Additional Nitric Acid (104844) was needed in upon arrival at the laboratory. pH strip #101358. - LH/amberdilallo - 7/29/2025 4:21:12 PM

Samples were received on 7/30/25 at 15:35 on ice [Cooler #2 = 10.3C, Cooler #3 = 6.7C, Cooler #4 = 10.9C, and Cooler #5 = 14.1C - LTG#3]. pH#101358. Added nitric acid (104844) was needed in MW151, MW252, MW375, MW 393, OW257, PZ182, and OW257 DUP upon arrival at the laboratory. - lhenson - 7/31/2025 8:36:53 AM

Samples were received on 7/31/25 at 1325 on ice [Cooler #2 = 11.5, Cooler #3 = 13.1 and Cooler #4 = 14.3C - LTG#5]. Additional Nitric Acid (104844) was needed in MW-350R Dup upon arrival at the laboratory. pH strip #101358. - JD/amberdilallo - 7/31/2025 2:36:25 PM

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Page: 1 of 4

[illegible]

PH 107358

TE um 7/29/25

Added HNSB (10484) 404844)

MW 253R, MW304, MW358R, MW370, MW383, MW384, P217D
Ut 7/29/25

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 Csf</i>					
SIGNATURE of SAMPLER: <i>Justin Csf</i>	DATE Signed (MM/DD/YY): <i>7-29-25</i>				

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Required Client Information:

Required Project Information:

Invoice Information:

Page: 2 of 4

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

STATE:

1L

[illegible]

25071003

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: Kim Edmiston Kimberly.Edmiston@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Section C

Invoice Information:

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

Page: 3 of 4

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)										Radium 226/228			
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	CODE	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-WPCP-605	Residual Chlorine (Y/N)	Project No. / Lab I.D.	
1	OW-157	WT	G			0														N/A	
2	OW-256	WT	G			2		2						X	X			X		25071003-027	
3	OW-257	WT	G			2		2						X	X					25071003-028	
4	PZ-170	WT	G	7-29-25	1210	2		2						X	X					25071003-029	
5	PZ-182	WT	G			2		2						X	X					25071003-030	
6	TPZ-164	WT	G			0								X	X					N/A	
7	XPW01	WT	G			0								X	X					N/A	
8	XPW05	WT	G			0								X	X					N/A	
9	XPW06	WT	G			0								X	X					N/A	
10	Field Blank	WT	G			2		2						X	X	X	X			N/A	
11	MW-150 Duplicate	WT	G			2		2						X		X	X			25071003-031	
12	MW-350R Duplicate	WT	G			2		2						X		X	X			25071003-032	
13	MW-382 Duplicate	WT	G	7-29-25	1307	2		2						X	X					25071003-033	
14	OW-257 Duplicate	WT	G			2		2						X	X					25071003-034	
15	Equipment Blank 1	WT	G			2		2						X	X	X	X			25071003-035	
16	Equipment Blank 2	WT	G			2		2						X	X	X	X			25071003-036	
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS			
BAL-25Q3 Rev 0				Allison Lampe		7-29-25		350		Uma D. Giallo				7-29-25		1350		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: Allison Lampe																					
SIGNATURE of SAMPLER: Allison Lampe										DATE Signed (MM/DD/YY): 7-29-25											

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Page: 4 of 4[illegible]

25071003

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 4	
Company: 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: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		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 QL 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 Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Brett Gillihen		DATE Signed (MM/DD/YY): 7-30-25	
SIGNATURE of SAMPLER: [Signature]			

PHW 101358
Added HNO₃ (104844) to
MW 151, MW 252, MW 375, MW 393, MW 394, OW 250,
PW 2, OW 257 dup.
wt 7/31/25

Temp 10.3, 6.7, 10.9, 14.1 LTG#3

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Required Client Information:

Required Project Information:

Invoice information:

Page: 2 of 4

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location	IL	
STATE:		

[illegible]

25071003

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: **Kim Edmiston Kimberly.Edmiston@vistracorp.com**
Purchase Order No.:
Project Name:
Project Number:

Section C

Invoice Information:

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

Page: **3** of **4**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		PRESERVATIVES		Requested Analysis Filtered (Y/N)										Radium 226/228		
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	CODE	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-WPCP-605	Residual Chlorine (Y/N)	Project No. / Lab I.D.
1	OW-157	WT	G			0														N/A
2	OW-256	WT	G	7-30-25	1122	2		2						X	X					25071003-027
3	OW-257	WT	G	7-30-25	1327	2		2						X	X					25071003-028
4	PZ-170	WT	G			2		2						X	X					25071003-029
5	PZ-182	WT	G	7-30-25	1233	2		2						X	X					25071003-030
6	TPZ-164	WT	G			0								X	X					N/A
7	XPW01	WT	G			0								X	X					N/A
8	XPW05	WT	G			0								X	X					N/A
9	XPW06	WT	G			0								X	X					N/A
10	Field Blank	WT	G			2		2						X	X	X	X	X		25071003-031
11	MW-150 Duplicate	WT	G			2		2							X	X	X	X		25071003-032
12	MW-350R Duplicate	WT	G			2		2							X	X	X	X		25071003-033
13	MW-382 Duplicate	WT	G			2		2						X	X					25071003-034
14	OW-257 Duplicate	WT	G	7-30-25	1327	2		2						X	X					25071003-035
15	Equipment Blank 1	WT	G			2		2						X	X	X	X	X		25071003-036
16	Equipment Blank 2	WT	G			2		2						X	X	X	X	X		25071003-037

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-25Q3 Rev 0	J. Colp	7-30	1535	[Signature]	7/30/25	1535	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	Alison Lampe
SIGNATURE of SAMPLER:	[Signature]
DATE Signed (MM/DD/YY):	7-30-25

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Page: 1 of 4

PH 101358
Added H No 3 (104844) 2/2 MW 377
MW 350 R D.P.
SD
7/31/2

11.5, 13.1 & 14.3
ice UCL5

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

Page: 2 of 4

ITEM #	Section D Required Client Information	Valid Matrix Codes <u>MATRIX</u> <u>CODE</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL 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								<u>Y/N</u>	Requested Analysis Filtered (Y/N)																Radium 226/228							
							DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		<u>Analysis Test</u>	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605																	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-356	WT	G							2			2							X		X																25071003-012					
2	MW-358R	WT	G							2			2						X	X	X	X																25071003-013					
3	MW-366	WT	G							2			2							X		X															25071003-014						
4	MW-369	WT	G							2			2						X		X																25071003-015						
5	MW-370	WT	G							2			2						X		X																25071003-016						
6	MW-375	WT	G							2			2							X		X															25071003-017						
7	MW-377	WT	G							2			2						X		X																25071003-018						
8	MW-382	WT	G							2			2						X		X																25071003-019						
9	MW-383	WT	G							2			2							X		X															25071003-020						
10	MW-384	WT	G							2			2							X		X															25071003-021						
11	MW-390	WT	G							2			2							X		X															25071003-022						
12	MW-391R	WT	G							2			2							X		X															25071003-023						
13	MW-392	WT	G							2			2						X		X																25071003-024						
14	MW-393	WT	G							2			2						X		X																25071003-025						
15	MW-394	WT	G							2			2						X		X																25071003-026						
16	OW-156	WT	G							0												X															N/A						
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																													
BAL-25Q3 Rev 0		Allan Zurek		7-31-25		1325		Jmigan Oubell		7/31/25		1325		> 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: <i>Justin Colp</i>	DATE Signed (MM/DD/YY): 7-31-25				

25071003

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 3 of 4	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 10901 Baldwin Road		Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Baldwin, IL 62217				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		STATE: IL	
Requested Due Date/TAT: 10 day		Project Number:		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 QL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analysis Filtered (Y/N)										Radium 226/228				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.							
1	OW-157		WT	G	7/31/25	1158		0																							N/A
2	OW-256		WT	G				2		2																					25071003-027
3	OW-257		WT	G				2		2																					25071003-028
4	PZ-170		WT	G				2		2																					25071003-029
5	PZ-182		WT	G				2		2																					25071003-030
6	TPZ-164		WT	G	7-31-25	939		0																							N/A
7	XPW01		WT	G	7-31-25	1044		0																							N/A
8	XPW05		WT	G	7-31-25	1004		0																							N/A
9	XPW06		WT	G	7-31-25	1114		0																							N/A
10	Field Blank		WT	G	7-31-25	1115		2		2																					25071003-031
11	MW-150 Duplicate		WT	G	7-31-25	1027		2		2																					25071003-032
12	MW-350R Duplicate		WT	G	7-31-25	949		2		2																					25071003-033
13	MW-382 Duplicate		WT	G				2		2																					25071003-034
14	OW-257 Duplicate		WT	G				2		2																					25071003-035
15	Equipment Blank 1		WT	G				2		2																					25071003-036
16	Equipment Blank 2		WT	G				2		2																					25071003-037

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																	
BAL-25Q3 Rev 0		Alan Taylor		7-31-25		1325		Justin Cop		7/31/25		1325		Y Z																	
<table border="1"> <tr> <td colspan="4">SAMPLER NAME AND SIGNATURE</td> <td rowspan="3">Temp in °C</td> <td rowspan="3">Received on Ice (Y/N)</td> <td rowspan="3">Custody Sealed Cooler (Y/N)</td> <td rowspan="3">Samples Intact (Y/N)</td> </tr> <tr> <td colspan="4">PRINT Name of SAMPLER: Justin Cop</td> </tr> <tr> <td colspan="4">SIGNATURE of SAMPLER: [Signature]</td> </tr> </table>																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 Cop				SIGNATURE of SAMPLER: [Signature]			
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 Cop																															
SIGNATURE of SAMPLER: [Signature]																															

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

Page: 4 of 4

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 8/28/2025 5:29:51 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25071003

JOB NUMBER

160-59087-1

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
8/28/2025 5:29:51 PM

Authorized for release by
Erika Smith, Project Manager
erika.smith@et.eurofinsus.com
(314)298-8566

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
WLDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-59087-1

Job ID: 160-59087-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25071003

Report Number: 160-59087-1

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.

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.

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.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

No additional analytical or quality issues were noted, other than those described below or in the Definitions/ Glossary page.

Receipt

The samples were received on 8/1/2025 12:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 19.1°C, 20.9°C and 22.6°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC) because the additional comments did not print on the COC: 25071003-011A MW-352 (160-59087-11) and 25071003-012A MW-356 (160-59087-12). The container labels list 25071003-011A MW-352 and 25071003-012A MW-356, while the COC lists 25071003-011A MW-252 and 25071003-012A MW-357. The client was contacted and provided an updated COC that matches the container labels and ID's were updated 8/4/2025. The original COC is included in final report to capture relinquished and received date, time and signatures and the email request is included in the final report for documentation purposes.

The client emailed that there is discrepancy in the collection time for 25071003-011A (MW-352). It should be reported as 1215 rather than 1216. The email is included in the final report for documentation purposes.

Method 903.0 - Radium-226 (GFPC)

Samples 25071003-001A MW-150 (160-59087-1), 25071003-002A MW-151 (160-59087-2), 25071003-003A MW-152 (160-59087-3), 25071003-004A MW-153 (160-59087-4), 25071003-005A MW-192 (160-59087-5), 25071003-006A MW-193 (160-59087-6), 25071003-007A MW-252 (160-59087-7), 25071003-008A MW-253R (160-59087-8), 25071003-009A MW-304 (160-59087-9), 25071003-010A MW-350R (160-59087-10), 25071003-011A MW-352 (160-59087-11), 25071003-012A MW-356 (160-59087-12), 25071003-013A MW-358R (160-59087-13), 25071003-014A MW-366 (160-59087-14), 25071003-015A MW-369 (160-59087-15), 25071003-016A MW-370 (160-59087-16), 25071003-017A MW-375 (160-59087-17), 25071003-018A MW-377 (160-59087-18), 25071003-019A MW-382 (160-59087-19), 25071003-020A MW-383 (160-59087-20), 25071003-021A MW-384

Eurofins St. Louis

Client: TekLab, Inc
Project: Radium-226 and Radium-228

Job ID: 160-59087-1

Job ID: 160-59087-1 (Continued)

Eurofins St. Louis

(160-59087-21), 25071003-022A MW-390 (160-59087-22), 25071003-024A MW-392 (160-59087-23), 25071003-025A MW-393 (160-59087-24), 25071003-026A MW-394 (160-59087-25), 25071003-027A OW-256 (160-59087-26), 25071003-028A OW-257 (160-59087-27), 25071003-029A PZ-170 (160-59087-28), 25071003-030A PZ-182 (160-59087-29), 25071003-031A Field Blank (160-59087-30), 25071003-032A MW-150 Duplicate (160-59087-31), 25071003-033A MW-350R Duplicate (160-59087-32), 25071003-034A MW-382 Duplicate (160-59087-33) and 25071003-035A OW-257 Duplicate (160-59087-34) were analyzed for Radium-226 (GFPC). The samples were prepared on 8/5/2025 and analyzed on 8/27/2025.

Method 904.0 - Radium-228 (GFPC)

Samples 25071003-001A MW-150 (160-59087-1), 25071003-002A MW-151 (160-59087-2), 25071003-003A MW-152 (160-59087-3), 25071003-004A MW-153 (160-59087-4), 25071003-005A MW-192 (160-59087-5), 25071003-006A MW-193 (160-59087-6), 25071003-007A MW-252 (160-59087-7), 25071003-008A MW-253R (160-59087-8), 25071003-009A MW-304 (160-59087-9), 25071003-010A MW-350R (160-59087-10), 25071003-011A MW-352 (160-59087-11), 25071003-012A MW-356 (160-59087-12), 25071003-013A MW-358R (160-59087-13), 25071003-014A MW-366 (160-59087-14), 25071003-015A MW-369 (160-59087-15), 25071003-016A MW-370 (160-59087-16), 25071003-017A MW-375 (160-59087-17), 25071003-018A MW-377 (160-59087-18), 25071003-019A MW-382 (160-59087-19), 25071003-020A MW-383 (160-59087-20), 25071003-021A MW-384 (160-59087-21), 25071003-022A MW-390 (160-59087-22), 25071003-024A MW-392 (160-59087-23), 25071003-025A MW-393 (160-59087-24), 25071003-026A MW-394 (160-59087-25), 25071003-027A OW-256 (160-59087-26), 25071003-028A OW-257 (160-59087-27), 25071003-029A PZ-170 (160-59087-28), 25071003-030A PZ-182 (160-59087-29), 25071003-031A Field Blank (160-59087-30), 25071003-032A MW-150 Duplicate (160-59087-31), 25071003-033A MW-350R Duplicate (160-59087-32), 25071003-034A MW-382 Duplicate (160-59087-33) and 25071003-035A OW-257 Duplicate (160-59087-34) were analyzed for Radium-228 (GFPC). The samples were prepared on 8/5/2025 and analyzed on 8/27/2025.

Batch 730479:

The detection goal was not met for the following sample due to the reduced sample volume in prep attributed to the presence of matrix interferences: 25071003-019A MW-382 (160-59087-19). Analytical results are reported with the detection limit achieved.

Batch 730482:

The LCS recovered at (137%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However, the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-730482/2-A)

The detection goal was not met for the following samples due to the reduced sample volume in prep attributed to the presence of matrix interferences: 25071003-029A PZ-170 (160-59087-28) and 25071003-034A MW-382 Duplicate (160-59087-33). Analytical results are reported with the detection limit achieved.

The MDC for the following samples is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. 25071003-027A OW-256 (160-59087-26) and 25071003-032A MW-150 Duplicate (160-59087-31)

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Samples 25071003-001A MW-150 (160-59087-1), 25071003-002A MW-151 (160-59087-2), 25071003-003A MW-152 (160-59087-3), 25071003-004A MW-153 (160-59087-4), 25071003-005A MW-192 (160-59087-5), 25071003-006A MW-193 (160-59087-6), 25071003-007A MW-252 (160-59087-7), 25071003-008A MW-253R (160-59087-8), 25071003-009A MW-304 (160-59087-9), 25071003-010A MW-350R (160-59087-10), 25071003-011A MW-352 (160-59087-11), 25071003-012A MW-356 (160-59087-12), 25071003-013A MW-358R (160-59087-13), 25071003-014A MW-366 (160-59087-14), 25071003-015A MW-369 (160-59087-15), 25071003-016A MW-370 (160-59087-16), 25071003-017A MW-375 (160-59087-17), 25071003-018A MW-377 (160-59087-18), 25071003-019A MW-382 (160-59087-19), 25071003-020A MW-383 (160-59087-20), 25071003-021A MW-384 (160-59087-21), 25071003-022A MW-390 (160-59087-22), 25071003-024A MW-392 (160-59087-23), 25071003-025A MW-393 (160-59087-24), 25071003-026A MW-394 (160-59087-25), 25071003-027A OW-256 (160-59087-26), 25071003-028A OW-257 (160-59087-27), 25071003-029A PZ-170 (160-59087-28), 25071003-030A PZ-182 (160-59087-29), 25071003-031A Field Blank (160-59087-30), 25071003-032A MW-150 Duplicate (160-59087-31), 25071003-033A MW-350R Duplicate (160-59087-32), 25071003-034A MW-382 Duplicate (160-59087-33) and 25071003-035A OW-257 Duplicate (160-59087-34) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 8/28/2025.

Eurofins St. Louis

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: QC Level:

Project#

25071003

Contact:

Elizabeth Hurley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO: 38982

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. Vistra-EDD and EQuIS (using well IDs) 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
	25071003-001A MW-150	7/31/25 1027	HNO3	Groundwater
	25071003-002A MW-151	7/30/25 1135	HNO3	Groundwater
	25071003-003A MW-152	7/30/25 1314	HNO3	Groundwater
	25071003-004A MW-153	7/29/25 1119	HNO3	Groundwater
	25071003-005A MW-192	7/30/25 1030	HNO3	Groundwater
	25071003-006A MW-193	7/30/25 0957	HNO3	Groundwater
	25071003-007A MW-252	7/30/25 1246	HNO3	Groundwater
	25071003-008A MW-253R	7/29/25 1048	HNO3	Groundwater
	25071003-009A MW-304	7/29/25 1227	HNO3	Groundwater
	25071003-010A MW-350R	7/31/25 0949	HNO3	Groundwater
	25071003-011A MW-252	7/30/25 1216	HNO3	Groundwater

☐ Ra226/228
☐ Radium 226
☐ Radium 228

160-59087 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
<i>Shirley G. Allen</i>	8/1/25 1930	<i>Sina Worthington</i>	8/1/25 1820

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled?		YES ☐	NO ☒	With:	☐ Ice	☐ Blue Ice	Preserved in:	☐ Lab	☐ Field
Teklab Inc 5445 Horseshoe Lake Road Collinsville, IL 62234									
Cooler Temp:				Sampler:				QC Level: 2	
Project#		25071003		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. Vistra-EDD and EquiS (using well IDs) requested.					
Contact:	Elizabeth Hurley		Email:		ehurley@teklabinc.com				
Requested Due Date:	Standard TAT		Billing/PO:		38982				
				Phone:		(618) 344-1004 ext. 33			

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

*Relinquished By	Date/Time	Received By	Date/Time
Unwinds	8/11/25 10:30	Sierra Weatherman	8/11/25 10:30

pg
of
4

Are the samples chilled?		YES ☐	NO ☒	With:	☐ Ice	☐ Blue Ice	Preserved in:	☐ Lab	☐ Field
Teklab Inc 5445 Horseshoe Lake Road Collinsville, IL 62234									
Cooler Temp:				Sampler:				QC Level: 2	
Project#		25071003		Comments: Please issue reports and invoices via email only Please analyze for Radium 226/228 per methods specified for Vistra/Ramboli projects. Method changes require Teklab authorization. Samples collected from an IL site. Batch QC is required. Vistra-EDD and EquiS (using well IDs) requested.					
Contact:	Elizabeth Hurley		Email:		ehurley@teklabinc.com				
Requested Due Date:	Standard TAT		Billing/PO:		38982				
				Phone:		(618) 344-1004 ext. 33			

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25071003-023A MW-391R	Dry	HNO3	Groundwater
	25071003-024A MW-392	7/30/25 1211	HNO3	Groundwater
	25071003-025A MW-393	7/30/25 1243	HNO3	Groundwater
	25071003-026A MW-394	7/30/25 1315	HNO3	Groundwater
	25071003-027A OW-256	7/30/25 1122	HNO3	Groundwater
	25071003-028A OW-257	7/30/25 1327	HNO3	Groundwater
	25071003-029A PZ-170	7/29/25 1210	HNO3	Groundwater
	25071003-030A PZ-182	7/30/25 1233	HNO3	Groundwater
	25071003-031A Field Blank	7/31/25 1115	HNO3	Aqueous
	25071003-032A *see above	7/31/25 1027	HNO3	Groundwater
	25071003-033A *see above	7/31/25 0949	HNO3	Groundwater

*Relinquished By	Date/Time	Received By	Date/Time
Wanda Sigurdson	8/1/05 1030		8/1/05 1030
	8/1/05 1220		8/1/05 1220

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice Preserved in: ☐ Lab ☐ Field

Teklab Inc

5445 Horseshoe Lake Road
Collinsville, IL 62234

Project#

25071003

Contact:

Elizabeth Hurley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO:

38982

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

[illegible]

***Relinquished By**

Date/Time

Received By

Date/Time

ATTACHMENT B.
QUARTER 3, 2025
SH POND SYSTEM
BAL-845-605

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

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled? YES ☐ NO ☒ With: ☐ Ice ☐ Blue Ice ☐ Preserved in: ☐ Lab ☐ Field

Teklab Inc

5445 Horseshoe Lake Road
Collinsville, IL 62234

Project# 25071003

Contact:	Elizabeth Hurley	Email:	ehurley@teklabinc.com
Requested Due Date:	Standard TAT	Billing/PO:	38982

Supplier: Teklab	QC Level: 2
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. Vistra-EDD and EquiS (using well IDs) requested.	

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

[illegible][illegible]

TEKLAB, INC. Chain of Custody

5445 Horseshoe Lake Road, Collinsville, IL 62234 Phone (618) 344-1004 Fax (618) 344-1005

Are the samples chilled?	YES	☐	NO	☒	With:	☐ Ice	☐ Blue Ice	Preserved in:	☐ Lab	☐ Field
--------------------------	-----	--------------------------	----	-------------------------------------	-------	------------------------------	-----------------------------------	---------------	------------------------------	--------------------------------

Teklab Inc

5445 Horseshoe Lake Road
Collinsville, IL 62234

Project#

25071003

Contact:

rley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO:

Billing/PO: 38982

Phone: (618) 344-1004 ext. 33
*25071003-033A MW-350R Duplicate

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25071003-023A MW-391R	Dry	HNO3	Groundwater
	25071003-024A MW-392	7/30/25 1211	HNO3	Groundwater
	25071003-025A MW-393	7/30/25 1243	HNO3	Groundwater
	25071003-026A MW-394	7/30/25 1315	HNO3	Groundwater
	25071003-027A OW-256	7/30/25 1122	HNO3	Groundwater
	25071003-028A OW-257	7/30/25 1327	HNO3	Groundwater
	25071003-029A PZ-170	7/29/25 1210	HNO3	Groundwater
	25071003-030A PZ-182	7/30/25 1233	HNO3	Groundwater
	25071003-031A Field Blank	7/31/25 1115	HNO3	Aqueous
	25071003-032A *see above	7/31/25 1027	HNO3	Groundwater
	25071003-033A *see above	7/31/25 0949	HNO3	Groundwater

[illegible]

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, August 4, 2025 12:38 PM
To: Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-59087-1 Radium-226 and Radium-228
Attachments: Radium(Eurofins STL)_Vistra GW_Baldwin WO# 25071003_1.pdf; Radium(Eurofins STL)_Vistra GW_Baldwin WO# 25071003_2.pdf; Radium(Eurofins STL)_Vistra GW_Baldwin WO# 25071003_4.pdf; Radium(Eurofins STL)_Vistra GW_Baldwin WO# 25071003_3.pdf

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Hi, Erika,

It looks like I have a couple of typos on the COC. I'm not sure why the comments didn't print for -032A through -034A as they are in my pdf copy. I've corrected the typos and included copies above for correction.

Thanks!

Have a great day!

Elizabeth Hurley
Director of Customer Service



Teklab, Inc.
5445 Horseshoe Lake Road
Collinsville, IL 62234
Phone: (618) 344-1004 Ext. 33
Cell: (618) 791-8119
Fax: (618) 344-1005
E-mail: ehurley@teklabinc.com
www.teklabinc.com

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From: Erika Smith <TALS@reports.et.eurofinsus.com>
Sent: Monday, August 4, 2025 12:16 PM

To: Elizabeth A. Hurley <EHurley@TekLabInc.com>

Subject: Eurofins TestAmerica sample confirmation files from 160-59087-1 Radium-226 and Radium-228

Happy Monday!

Attached please find the sample confirmation files for job 160-59087-1; Radium-226 and Radium-228

The samples were received on 8/1/2025 12:20 PM.

A couple notes on the sample IDs:

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): 25071003-011A MW-252 (160-59087-11) and 25071003-012A MW-357 (160-59087-12). The container labels list 25071003-011A MW-352 and 25071003-012A MW-356, while the COC lists 25071003-011A MW-252 and 25071003-012A MW-357. This was logged to match the COC.

For samples 32A through 34A, the COC states to "see above" but I've looked all over on the COC and don't see the additional ID info on any of the pages. The lab looked at the labels on the containers and logged in based on the labels. Do you want to send me an updated COC with the additional ID info?

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 and have a great week!

Erika L Smith
Project Manager

Eurofins St. Louis

E-mail: erika.smith@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-341219]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Friday, August 1, 2025 1:16 PM
To: Erika Smith
Subject: Teklab WO# 25071003 - Time Discrepancy

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,

Teklab's courier should have delivered samples for WO# 25071003, and there is discrepancy in the collection time for 25071003-011A (MW-352). It should be reported as 1215 rather than 1216.

Thanks!

Have a great day!

Elizabeth Hurley
Director of Customer Service



Teklab, Inc.
5445 Horseshoe Lake Road
Collinsville, IL 62234
Phone: (618) 344-1004 Ext. 33
Cell: (618) 791-8119
Fax: (618) 344-1005
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www.teklabinc.com

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-59087-1

SDG Number: 25071003

Login Number: 59087

List Number: 1

Creator: Worthington, Sierra M

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?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per labels/updated 8/4 COC.
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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Job ID: 160-59087-1
SDG: 25071003

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Job ID: 160-59087-1
Lab ID: 845-160
SDG: 25071003

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

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Job ID: 160-59087-1
BAL-845-605
SDG: 25071003

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
160-59087-1	25071003-001A MW-150	Water	07/31/25 10:27	08/01/25 12:20	Illinois
160-59087-2	25071003-002A MW-151	Water	07/30/25 11:35	08/01/25 12:20	Illinois
160-59087-3	25071003-003A MW-152	Water	07/30/25 13:14	08/01/25 12:20	Illinois
160-59087-4	25071003-004A MW-153	Water	07/29/25 11:19	08/01/25 12:20	Illinois
160-59087-5	25071003-005A MW-192	Water	07/30/25 10:30	08/01/25 12:20	Illinois
160-59087-6	25071003-006A MW-193	Water	07/30/25 09:57	08/01/25 12:20	Illinois
160-59087-7	25071003-007A MW-252	Water	07/30/25 12:46	08/01/25 12:20	Illinois
160-59087-8	25071003-008A MW-253R	Water	07/29/25 10:48	08/01/25 12:20	Illinois
160-59087-9	25071003-009A MW-304	Water	07/29/25 12:27	08/01/25 12:20	Illinois
160-59087-10	25071003-010A MW-350R	Water	07/31/25 09:49	08/01/25 12:20	Illinois
160-59087-11	25071003-011A MW-352	Water	07/30/25 12:15	08/01/25 12:20	Illinois
160-59087-12	25071003-012A MW-356	Water	07/29/25 13:57	08/01/25 12:20	Illinois
160-59087-13	25071003-013A MW-358R	Water	07/29/25 11:32	08/01/25 12:20	Illinois
160-59087-14	25071003-014A MW-366	Water	07/30/25 10:10	08/01/25 12:20	Illinois
160-59087-15	25071003-015A MW-369	Water	07/29/25 10:45	08/01/25 12:20	Illinois
160-59087-16	25071003-016A MW-370	Water	07/29/25 11:30	08/01/25 12:20	Illinois
160-59087-17	25071003-017A MW-375	Water	07/30/25 10:43	08/01/25 12:20	Illinois
160-59087-18	25071003-018A MW-377	Water	07/31/25 11:15	08/01/25 12:20	Illinois
160-59087-19	25071003-019A MW-382	Water	07/29/25 13:07	08/01/25 12:20	Illinois
160-59087-20	25071003-020A MW-383	Water	07/29/25 12:24	08/01/25 12:20	Illinois
160-59087-21	25071003-021A MW-384	Water	07/29/25 13:09	08/01/25 12:20	Illinois
160-59087-22	25071003-022A MW-390	Water	07/30/25 11:32	08/01/25 12:20	Illinois
160-59087-23	25071003-024A MW-392	Water	07/30/25 12:11	08/01/25 12:20	Illinois
160-59087-24	25071003-025A MW-393	Water	07/30/25 12:43	08/01/25 12:20	Illinois
160-59087-25	25071003-026A MW-394	Water	07/30/25 13:15	08/01/25 12:20	Illinois
160-59087-26	25071003-027A OW-256	Water	07/30/25 11:22	08/01/25 12:20	Illinois
160-59087-27	25071003-028A OW-257	Water	07/30/25 13:27	08/01/25 12:20	Illinois
160-59087-28	25071003-029A PZ-170	Water	07/29/25 12:10	08/01/25 12:20	Illinois
160-59087-29	25071003-030A PZ-182	Water	07/30/25 12:33	08/01/25 12:20	Illinois
160-59087-30	25071003-031A Field Blank	Water	07/31/25 11:15	08/01/25 12:20	Illinois
160-59087-31	25071003-032A MW-150 Duplicate	Water	07/31/25 10:27	08/01/25 12:20	Illinois
160-59087-32	25071003-033A MW-350R Duplicate	Water	07/31/25 09:49	08/01/25 12:20	Illinois
160-59087-33	25071003-034A MW-382 Duplicate	Water	07/29/25 13:07	08/01/25 12:20	Illinois
160-59087-34	25071003-035A OW-257 Duplicate	Water	07/30/25 13:27	08/01/25 12:20	Illinois

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-001A MW-150

Lab Sample ID: 160-59087-1

Date Collected: 07/31/25 10:27

Matrix: Water

Date Received: 08/01/25 12:20

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	-0.00220	U	0.191	0.191	1.00	0.380	pCi/L	08/05/25 08:06	08/27/25 20:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/05/25 08:06	08/27/25 20:48	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.185	U	0.334	0.334	1.00	0.578	pCi/L	08/05/25 08:15	08/27/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					08/05/25 08:15	08/27/25 11:49	1
Y Carrier	73.3		30 - 110					08/05/25 08:15	08/27/25 11:49	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	0.185	U	0.385	0.385	5.00	0.578	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-002A MW-151

Lab Sample ID: 160-59087-2

Date Collected: 07/30/25 11:35

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0501	U	0.163	0.164	1.00	0.311	pCi/L	08/05/25 08:06	08/27/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/05/25 08:06	08/27/25 20:49	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	0.412	U	0.372	0.374	1.00	0.586	pCi/L	08/05/25 08:15	08/27/25 11:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					08/05/25 08:15	08/27/25 11:49	1
Y Carrier	74.0		30 - 110					08/05/25 08:15	08/27/25 11:49	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.462	U	0.406	0.408	5.00	0.586	pCi/L		08/28/25 13:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-003A MW-152

Lab Sample ID: 160-59087-3

Date Collected: 07/30/25 13:14

Matrix: Water

Date Received: 08/01/25 12:20

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	-0.0139	U	0.185	0.185	1.00	0.396	pCi/L	08/05/25 08:06	08/27/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/05/25 08:06	08/27/25 20:49	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	-0.127	U	0.422	0.422	1.00	0.826	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	74.8		30 - 110					08/05/25 08:15	08/27/25 11:54	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	0.000	U	0.461	0.461	5.00	0.826	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-004A MW-153

Lab Sample ID: 160-59087-4

Date Collected: 07/29/25 11:19

Matrix: Water

Date Received: 08/01/25 12:20

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	U	0.204	0.205	1.00	0.360	pCi/L	08/05/25 08:06	08/27/25 20:49	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					08/05/25 08:06	08/27/25 20:49	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	0.875		0.508	0.515	1.00	0.719	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	78.1		30 - 110					08/05/25 08:15	08/27/25 11:54	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	0.998		0.547	0.554	5.00	0.719	pCi/L		08/28/25 13:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-005A MW-192

Lab Sample ID: 160-59087-5

Date Collected: 07/30/25 10:30

Matrix: Water

Date Received: 08/01/25 12:20

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	0.260	U	0.194	0.195	1.00	0.266	pCi/L	08/05/25 08:06	08/27/25 20:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.9		30 - 110					08/05/25 08:06	08/27/25 20:50	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	0.762		0.459	0.465	1.00	0.676	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.9		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	75.1		30 - 110					08/05/25 08:15	08/27/25 11:54	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	1.02		0.498	0.504	5.00	0.676	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-006A MW-193

Lab Sample ID: 160-59087-6

Date Collected: 07/30/25 09:57

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0982	U	0.167	0.168	1.00	0.294	pCi/L	08/05/25 08:06	08/27/25 20:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					08/05/25 08:06	08/27/25 20:50	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	0.926		0.441	0.450	1.00	0.613	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	76.3		30 - 110					08/05/25 08:15	08/27/25 11:54	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	1.02		0.472	0.480	5.00	0.613	pCi/L		08/28/25 13:38	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-007A MW-252

Lab Sample ID: 160-59087-7

Date Collected: 07/30/25 12:46

Matrix: Water

Date Received: 08/01/25 12:20

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	-0.0314	U	0.170	0.170	1.00	0.383	pCi/L	08/05/25 08:06	08/27/25 20:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					08/05/25 08:06	08/27/25 20:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.571	U	0.500	0.503	1.00	0.787	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.1		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	77.8		30 - 110					08/05/25 08:15	08/27/25 11:54	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	0.571	U	0.528	0.531	5.00	0.787	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-008A MW-253R

Lab Sample ID: 160-59087-8

Date Collected: 07/29/25 10:48

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0213	U	0.117	0.118	1.00	0.244	pCi/L	08/05/25 08:06	08/27/25 20:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					08/05/25 08:06	08/27/25 20:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.828		0.444	0.450	1.00	0.627	pCi/L	08/05/25 08:15	08/27/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.3		30 - 110					08/05/25 08:15	08/27/25 11:54	1
Y Carrier	70.7		30 - 110					08/05/25 08:15	08/27/25 11:54	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	0.849		0.459	0.465	5.00	0.627	pCi/L		08/28/25 13:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-009A MW-304

Lab Sample ID: 160-59087-9

Date Collected: 07/29/25 12:27

Matrix: Water

Date Received: 08/01/25 12:20

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	0.155	U	0.183	0.183	1.00	0.297	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					08/05/25 08:06	08/27/25 20:57	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	1.05		0.425	0.436	1.00	0.549	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	81.5		30 - 110					08/05/25 08:15	08/27/25 11:55	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	1.21		0.463	0.473	5.00	0.549	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-010A MW-350R

Lab Sample ID: 160-59087-10

Date Collected: 07/31/25 09:49

Matrix: Water

Date Received: 08/01/25 12:20

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	0.295	U	0.224	0.226	1.00	0.319	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					08/05/25 08:06	08/27/25 20:57	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	0.279	U	0.383	0.384	1.00	0.643	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	77.8		30 - 110					08/05/25 08:15	08/27/25 11:55	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	0.574	U	0.444	0.446	5.00	0.643	pCi/L		08/28/25 13:38	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-011A MW-352

Lab Sample ID: 160-59087-11

Date Collected: 07/30/25 12:15

Matrix: Water

Date Received: 08/01/25 12:20

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	0.350	U	0.263	0.265	1.00	0.385	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/05/25 08:06	08/27/25 20:57	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	1.33		0.506	0.520	1.00	0.638	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.4		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	74.0		30 - 110					08/05/25 08:15	08/27/25 11:55	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	1.68		0.570	0.584	5.00	0.638	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-012A MW-356

Lab Sample ID: 160-59087-12

Date Collected: 07/29/25 13:57

Matrix: Water

Date Received: 08/01/25 12:20

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	0.261	U	0.236	0.237	1.00	0.365	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/05/25 08:06	08/27/25 20:57	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	0.233	U	0.312	0.313	1.00	0.522	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	81.5		30 - 110					08/05/25 08:15	08/27/25 11:55	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	0.494	U	0.391	0.393	5.00	0.522	pCi/L		08/28/25 13:38	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-013A MW-358R

Lab Sample ID: 160-59087-13

Date Collected: 07/29/25 11:32

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0126	U	0.255	0.255	1.00	0.508	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					08/05/25 08:06	08/27/25 20:57	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	1.73		0.701	0.719	1.00	0.910	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	72.9		30 - 110					08/05/25 08:15	08/27/25 11:55	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	1.74		0.746	0.763	5.00	0.910	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-014A MW-366

Lab Sample ID: 160-59087-14

Date Collected: 07/30/25 10:10

Matrix: Water

Date Received: 08/01/25 12:20

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	0.191	U	0.207	0.207	1.00	0.330	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					08/05/25 08:06	08/27/25 20:57	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	0.235	U	0.435	0.435	1.00	0.746	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.9		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	74.8		30 - 110					08/05/25 08:15	08/27/25 11:55	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	0.426	U	0.482	0.482	5.00	0.746	pCi/L		08/28/25 13:38	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-015A MW-369

Lab Sample ID: 160-59087-15

Date Collected: 07/29/25 10:45

Matrix: Water

Date Received: 08/01/25 12:20

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	0.184	0.185	1.00	0.303	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					08/05/25 08:06	08/27/25 20:57	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	0.784		0.433	0.439	1.00	0.618	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	76.3		30 - 110					08/05/25 08:15	08/27/25 11:55	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	0.934		0.470	0.476	5.00	0.618	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-016A MW-370

Lab Sample ID: 160-59087-16

Date Collected: 07/29/25 11:30

Matrix: Water

Date Received: 08/01/25 12:20

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	0.494		0.237	0.241	1.00	0.268	pCi/L	08/05/25 08:06	08/27/25 20:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					08/05/25 08:06	08/27/25 20:57	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	0.778		0.415	0.422	1.00	0.592	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.8		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	79.3		30 - 110					08/05/25 08:15	08/27/25 11:55	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	1.27		0.478	0.486	5.00	0.592	pCi/L		08/28/25 13:38	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-017A MW-375

Lab Sample ID: 160-59087-17

Date Collected: 07/30/25 10:43

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0837	U	0.164	0.164	1.00	0.298	pCi/L	08/05/25 08:06	08/27/25 20:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					08/05/25 08:06	08/27/25 20:58	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	0.464	U	0.494	0.496	1.00	0.805	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	74.4		30 - 110					08/05/25 08:15	08/27/25 11:55	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	0.547	U	0.521	0.522	5.00	0.805	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-018A MW-377

Lab Sample ID: 160-59087-18

Date Collected: 07/31/25 11:15

Matrix: Water

Date Received: 08/01/25 12:20

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	0.115	U	0.229	0.229	1.00	0.406	pCi/L	08/05/25 08:06	08/27/25 20:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					08/05/25 08:06	08/27/25 20:58	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	1.60		0.514	0.534	1.00	0.594	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	75.5		30 - 110					08/05/25 08:15	08/27/25 11:55	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	1.72		0.563	0.581	5.00	0.594	pCi/L		08/28/25 13:38	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-019A MW-382

Lab Sample ID: 160-59087-19

Date Collected: 07/29/25 13:07

Matrix: Water

Date Received: 08/01/25 12:20

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	1.29		0.654	0.665	1.00	0.789	pCi/L	08/05/25 08:06	08/27/25 20:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.8		30 - 110					08/05/25 08:06	08/27/25 20:58	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	1.62	U G	1.25	1.26	1.00	1.94	pCi/L	08/05/25 08:15	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	62.8		30 - 110					08/05/25 08:15	08/27/25 11:55	1
Y Carrier	78.1		30 - 110					08/05/25 08:15	08/27/25 11:55	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.91		1.41	1.42	5.00	1.94	pCi/L		08/28/25 13:38	1

Client Sample ID: 25071003-020A MW-383

Lab Sample ID: 160-59087-20

Date Collected: 07/29/25 12:24

Matrix: Water

Date Received: 08/01/25 12:20

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	0.302	U	0.233	0.235	1.00	0.340	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.752	U	0.515	0.520	1.00	0.792	pCi/L	08/05/25 08:19	08/27/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					08/05/25 08:19	08/27/25 11:56	1
Y Carrier	78.1		30 - 110					08/05/25 08:19	08/27/25 11:56	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	1.05		0.565	0.571	5.00	0.792	pCi/L		08/28/25 13:46	1

Eurofins St. Louis

Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-021A MW-384

Lab Sample ID: 160-59087-21

Date Collected: 07/29/25 13:09

Matrix: Water

Date Received: 08/01/25 12:20

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	0.193	U	0.314	0.314	1.00	0.541	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.542	U	0.477	0.480	1.00	0.753	pCi/L	08/05/25 08:19	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					08/05/25 08:19	08/27/25 11:55	1
Y Carrier	77.8		30 - 110					08/05/25 08:19	08/27/25 11:55	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	0.735	U	0.571	0.574	5.00	0.753	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-022A MW-390

Lab Sample ID: 160-59087-22

Date Collected: 07/30/25 11:32

Matrix: Water

Date Received: 08/01/25 12:20

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	-0.0220	U	0.218	0.218	1.00	0.439	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					08/05/25 08:16	08/27/25 21:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.10		0.678	0.705	1.00	0.818	pCi/L	08/05/25 08:19	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					08/05/25 08:19	08/27/25 11:55	1
Y Carrier	72.1		30 - 110					08/05/25 08:19	08/27/25 11:55	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.10		0.712	0.738	5.00	0.818	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-024A MW-392

Lab Sample ID: 160-59087-23

Date Collected: 07/30/25 12:11

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0968	U	0.210	0.210	1.00	0.375	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					08/05/25 08:16	08/27/25 21:00	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	1.07		0.485	0.495	1.00	0.652	pCi/L	08/05/25 08:19	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					08/05/25 08:19	08/27/25 11:55	1
Y Carrier	71.4		30 - 110					08/05/25 08:19	08/27/25 11:55	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	1.17		0.529	0.538	5.00	0.652	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-025A MW-393

Lab Sample ID: 160-59087-24

Date Collected: 07/30/25 12:43

Matrix: Water

Date Received: 08/01/25 12:20

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	-0.00748	U	0.174	0.174	1.00	0.364	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.364	U	0.453	0.454	1.00	0.751	pCi/L	08/05/25 08:19	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					08/05/25 08:19	08/27/25 11:55	1
Y Carrier	70.7		30 - 110					08/05/25 08:19	08/27/25 11:55	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	0.364	U	0.485	0.486	5.00	0.751	pCi/L		08/28/25 13:46	1

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Client Sample Results

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
2025 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-026A MW-394

Lab Sample ID: 160-59087-25

Date Collected: 07/30/25 13:15

Matrix: Water

Date Received: 08/01/25 12:20

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	0.107	U	0.210	0.210	1.00	0.374	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.316	U	0.445	0.446	1.00	0.749	pCi/L	08/05/25 08:19	08/27/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					08/05/25 08:19	08/27/25 11:55	1
Y Carrier	69.5		30 - 110					08/05/25 08:19	08/27/25 11:55	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	0.422	U	0.492	0.493	5.00	0.749	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-027A OW-256

Lab Sample ID: 160-59087-26

Date Collected: 07/30/25 11:22

Matrix: Water

Date Received: 08/01/25 12:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.165	U	0.219	0.220	1.00	0.367	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.0		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.207	U G	0.587	0.587	1.00	1.04	pCi/L	08/05/25 08:19	08/27/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.0		30 - 110					08/05/25 08:19	08/27/25 11:56	1
Y Carrier	57.9		30 - 110					08/05/25 08:19	08/27/25 11:56	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	0.372	U	0.627	0.627	5.00	1.04	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-028A OW-257

Lab Sample ID: 160-59087-27

Date Collected: 07/30/25 13:27

Matrix: Water

Date Received: 08/01/25 12:20

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	0.295	U	0.243	0.244	1.00	0.364	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.583	U	0.418	0.422	1.00	0.631	pCi/L	08/05/25 08:19	08/27/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					08/05/25 08:19	08/27/25 11:56	1
Y Carrier	77.4		30 - 110					08/05/25 08:19	08/27/25 11:56	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		0.484	0.487	5.00	0.631	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-029A PZ-170

Lab Sample ID: 160-59087-28

Date Collected: 07/29/25 12:10

Matrix: Water

Date Received: 08/01/25 12:20

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	0.230	U	0.428	0.428	1.00	0.748	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	60.0		30 - 110					08/05/25 08:16	08/27/25 21:00	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	1.53	G	0.873	0.884	1.00	1.25	pCi/L	08/05/25 08:19	08/27/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	60.0		30 - 110					08/05/25 08:19	08/27/25 11:57	1
Y Carrier	70.7		30 - 110					08/05/25 08:19	08/27/25 11:57	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.75		0.972	0.982	5.00	1.25	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-030A PZ-182

Lab Sample ID: 160-59087-29

Date Collected: 07/30/25 12:33

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0190	U	0.186	0.186	1.00	0.370	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/05/25 08:16	08/27/25 21:00	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.351	U	0.441	0.442	1.00	0.731	pCi/L	08/05/25 08:19	08/27/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/05/25 08:19	08/27/25 11:57	1
Y Carrier	76.3		30 - 110					08/05/25 08:19	08/27/25 11:57	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	0.370	U	0.479	0.480	5.00	0.731	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-031A Field Blank

Lab Sample ID: 160-59087-30

Date Collected: 07/31/25 11:15

Matrix: Water

Date Received: 08/01/25 12:20

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	0.0289	U	0.201	0.201	1.00	0.392	pCi/L	08/05/25 08:16	08/27/25 21:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					08/05/25 08:16	08/27/25 21:00	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	0.645	U	0.499	0.502	1.00	0.772	pCi/L	08/05/25 08:19	08/27/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.4		30 - 110					08/05/25 08:19	08/27/25 11:57	1
Y Carrier	72.5		30 - 110					08/05/25 08:19	08/27/25 11:57	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	0.674	U	0.538	0.541	5.00	0.772	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-032A MW-150 Duplicate

Lab Sample ID: 160-59087-31

Date Collected: 07/31/25 10:27

Matrix: Water

Date Received: 08/01/25 12:20

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	0.190	U	0.252	0.253	1.00	0.422	pCi/L	08/05/25 08:16	08/27/25 22:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	56.3		30 - 110					08/05/25 08:16	08/27/25 22:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.579	U G	0.639	0.642	1.00	1.04	pCi/L	08/05/25 08:19	08/27/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	56.3		30 - 110					08/05/25 08:19	08/27/25 11:57	1
Y Carrier	57.6		30 - 110					08/05/25 08:19	08/27/25 11:57	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	0.769	U	0.687	0.690	5.00	1.04	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-033A MW-350R Duplicate

Lab Sample ID: 160-59087-32

Date Collected: 07/31/25 09:49

Matrix: Water

Date Received: 08/01/25 12:20

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	0.185	U	0.204	0.205	1.00	0.327	pCi/L	08/05/25 08:16	08/27/25 22:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/05/25 08:16	08/27/25 22:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.416	U	0.481	0.483	1.00	0.791	pCi/L	08/05/25 08:19	08/27/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/05/25 08:19	08/27/25 11:58	1
Y Carrier	74.4		30 - 110					08/05/25 08:19	08/27/25 11:58	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.601	U	0.522	0.525	5.00	0.791	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Client Sample ID: 25071003-034A MW-382 Duplicate

Lab Sample ID: 160-59087-33

Date Collected: 07/29/25 13:07

Matrix: Water

Date Received: 08/01/25 12:20

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	0.490	U	0.505	0.507	1.00	0.804	pCi/L	08/05/25 08:16	08/27/25 22:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					08/05/25 08:16	08/27/25 22:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.787	U G	0.980	0.983	1.00	1.63	pCi/L	08/05/25 08:19	08/27/25 13:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.9		30 - 110					08/05/25 08:19	08/27/25 13:47	1
Y Carrier	75.1		30 - 110					08/05/25 08:19	08/27/25 13:47	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	1.28	U	1.10	1.11	5.00	1.63	pCi/L		08/28/25 13:46	1

Client Sample ID: 25071003-035A OW-257 Duplicate

Lab Sample ID: 160-59087-34

Date Collected: 07/30/25 13:27

Matrix: Water

Date Received: 08/01/25 12:20

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	0.571		0.317	0.321	1.00	0.417	pCi/L	08/05/25 08:16	08/27/25 22:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.5		30 - 110					08/05/25 08:16	08/27/25 22:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.29		0.667	0.678	1.00	0.931	pCi/L	08/05/25 08:19	08/27/25 13:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	72.5		30 - 110					08/05/25 08:19	08/27/25 13:47	1
Y Carrier	72.1		30 - 110					08/05/25 08:19	08/27/25 13:47	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	1.86		0.738	0.750	5.00	0.931	pCi/L		08/28/25 13:46	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730477/1-A
Matrix: Water
Analysis Batch: 733847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730477

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01063	U	0.161	0.161	1.00	0.323	pCi/L	08/05/25 08:06	08/27/25 20:48	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					08/05/25 08:06	08/27/25 20:48	1

Lab Sample ID: LCS 160-730477/2-A
Matrix: Water
Analysis Batch: 733847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730477

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.139		1.21	1.00	0.295	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.3		30 - 110							

Lab Sample ID: MB 160-730480/1-A
Matrix: Water
Analysis Batch: 733853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730480

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04528	U	0.210	0.210	1.00	0.403	pCi/L	08/05/25 08:16	08/27/25 20:59	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					08/05/25 08:16	08/27/25 20:59	1

Lab Sample ID: LCS 160-730480/2-A
Matrix: Water
Analysis Batch: 733853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730480

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.021		1.24	1.00	0.355	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	78.4		30 - 110							

Lab Sample ID: 160-59087-20 DU
Matrix: Water
Analysis Batch: 733853

Client Sample ID: 25071003-020A MW-383
Prep Type: Total/NA
Prep Batch: 730480

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.302	U	0.1089	U	0.240	1.00	0.426	pCi/L	0.41	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 160-59087-20 DU
Matrix: Water
Analysis Batch: 733853

Client Sample ID: 25071003-020A MW-383
Prep Type: Total/NA
Prep Batch: 730480

Carrier	<i>DU</i> %Yield	<i>DU</i> Qualifier	Limits
Ba Carrier	88.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730479/1-A
Matrix: Water
Analysis Batch: 733847

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730479

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6284		0.372	0.377	1.00	0.530	pCi/L	08/05/25 08:15	08/27/25 11:48	1
Carrier	<i>MB</i> %Yield	<i>MB</i> Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					08/05/25 08:15	08/27/25 11:48	1
Y Carrier	76.6		30 - 110					08/05/25 08:15	08/27/25 11:48	1

Lab Sample ID: LCS 160-730479/2-A
Matrix: Water
Analysis Batch: 733847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730479

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.12	10.14		1.38	1.00	0.519	pCi/L	111	75 - 125
Carrier	<i>LCS</i> %Yield	<i>LCS</i> Qualifier	Limits						
Ba Carrier	89.3		30 - 110						
Y Carrier	77.0		30 - 110						

Lab Sample ID: MB 160-730482/1-A
Matrix: Water
Analysis Batch: 733853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730482

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6043	U	0.420	0.423	1.00	0.629	pCi/L	08/05/25 08:19	08/27/25 11:56	1
Carrier	<i>MB</i> %Yield	<i>MB</i> Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110					08/05/25 08:19	08/27/25 11:56	1
Y Carrier	77.8		30 - 110					08/05/25 08:19	08/27/25 11:56	1

Lab Sample ID: LCS 160-730482/2-A
Matrix: Water
Analysis Batch: 733853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730482

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.12	12.50		1.68	1.00	0.687	pCi/L	137	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, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
Lab ID: 160-59087-1
SDG: 25071003

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730482/2-A
Matrix: Water
Analysis Batch: 733853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730482

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	78.4		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: 160-59087-20 DU
Matrix: Water
Analysis Batch: 733854

Client Sample ID: 25071003-020A MW-383
Prep Type: Total/NA
Prep Batch: 730482

Analyte	Sample Sample		DU DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-228	0.752	U	0.3138	U	0.387	1.00	0.638	pCi/L	0.48	1
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	88.1		30 - 110							
Y Carrier	77.4		30 - 110							

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-59087-1
SDG: 25071003

Rad

Prep Batch: 730477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59087-1	25071003-001A MW-150	Total/NA	Water	PrecSep-21	
160-59087-2	25071003-002A MW-151	Total/NA	Water	PrecSep-21	
160-59087-3	25071003-003A MW-152	Total/NA	Water	PrecSep-21	
160-59087-4	25071003-004A MW-153	Total/NA	Water	PrecSep-21	
160-59087-5	25071003-005A MW-192	Total/NA	Water	PrecSep-21	
160-59087-6	25071003-006A MW-193	Total/NA	Water	PrecSep-21	
160-59087-7	25071003-007A MW-252	Total/NA	Water	PrecSep-21	
160-59087-8	25071003-008A MW-253R	Total/NA	Water	PrecSep-21	
160-59087-9	25071003-009A MW-304	Total/NA	Water	PrecSep-21	
160-59087-10	25071003-010A MW-350R	Total/NA	Water	PrecSep-21	
160-59087-11	25071003-011A MW-352	Total/NA	Water	PrecSep-21	
160-59087-12	25071003-012A MW-356	Total/NA	Water	PrecSep-21	
160-59087-13	25071003-013A MW-358R	Total/NA	Water	PrecSep-21	
160-59087-14	25071003-014A MW-366	Total/NA	Water	PrecSep-21	
160-59087-15	25071003-015A MW-369	Total/NA	Water	PrecSep-21	
160-59087-16	25071003-016A MW-370	Total/NA	Water	PrecSep-21	
160-59087-17	25071003-017A MW-375	Total/NA	Water	PrecSep-21	
160-59087-18	25071003-018A MW-377	Total/NA	Water	PrecSep-21	
160-59087-19	25071003-019A MW-382	Total/NA	Water	PrecSep-21	
MB 160-730477/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-730477/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 730479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59087-1	25071003-001A MW-150	Total/NA	Water	PrecSep_0	
160-59087-2	25071003-002A MW-151	Total/NA	Water	PrecSep_0	
160-59087-3	25071003-003A MW-152	Total/NA	Water	PrecSep_0	
160-59087-4	25071003-004A MW-153	Total/NA	Water	PrecSep_0	
160-59087-5	25071003-005A MW-192	Total/NA	Water	PrecSep_0	
160-59087-6	25071003-006A MW-193	Total/NA	Water	PrecSep_0	
160-59087-7	25071003-007A MW-252	Total/NA	Water	PrecSep_0	
160-59087-8	25071003-008A MW-253R	Total/NA	Water	PrecSep_0	
160-59087-9	25071003-009A MW-304	Total/NA	Water	PrecSep_0	
160-59087-10	25071003-010A MW-350R	Total/NA	Water	PrecSep_0	
160-59087-11	25071003-011A MW-352	Total/NA	Water	PrecSep_0	
160-59087-12	25071003-012A MW-356	Total/NA	Water	PrecSep_0	
160-59087-13	25071003-013A MW-358R	Total/NA	Water	PrecSep_0	
160-59087-14	25071003-014A MW-366	Total/NA	Water	PrecSep_0	
160-59087-15	25071003-015A MW-369	Total/NA	Water	PrecSep_0	
160-59087-16	25071003-016A MW-370	Total/NA	Water	PrecSep_0	
160-59087-17	25071003-017A MW-375	Total/NA	Water	PrecSep_0	
160-59087-18	25071003-018A MW-377	Total/NA	Water	PrecSep_0	
160-59087-19	25071003-019A MW-382	Total/NA	Water	PrecSep_0	
MB 160-730479/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-730479/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 730480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59087-20	25071003-020A MW-383	Total/NA	Water	PrecSep-21	
160-59087-21	25071003-021A MW-384	Total/NA	Water	PrecSep-21	
160-59087-22	25071003-022A MW-390	Total/NA	Water	PrecSep-21	

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QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-59087-1
SDG: 25071003

Rad (Continued)

Prep Batch: 730480 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59087-23	25071003-024A MW-392	Total/NA	Water	PrecSep-21	
160-59087-24	25071003-025A MW-393	Total/NA	Water	PrecSep-21	
160-59087-25	25071003-026A MW-394	Total/NA	Water	PrecSep-21	
160-59087-26	25071003-027A OW-256	Total/NA	Water	PrecSep-21	
160-59087-27	25071003-028A OW-257	Total/NA	Water	PrecSep-21	
160-59087-28	25071003-029A PZ-170	Total/NA	Water	PrecSep-21	
160-59087-29	25071003-030A PZ-182	Total/NA	Water	PrecSep-21	
160-59087-30	25071003-031A Field Blank	Total/NA	Water	PrecSep-21	
160-59087-31	25071003-032A MW-150 Duplicate	Total/NA	Water	PrecSep-21	
160-59087-32	25071003-033A MW-350R Duplicate	Total/NA	Water	PrecSep-21	
160-59087-33	25071003-034A MW-382 Duplicate	Total/NA	Water	PrecSep-21	
160-59087-34	25071003-035A OW-257 Duplicate	Total/NA	Water	PrecSep-21	
MB 160-730480/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-730480/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-59087-20 DU	25071003-020A MW-383	Total/NA	Water	PrecSep-21	

Prep Batch: 730482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59087-20	25071003-020A MW-383	Total/NA	Water	PrecSep_0	
160-59087-21	25071003-021A MW-384	Total/NA	Water	PrecSep_0	
160-59087-22	25071003-022A MW-390	Total/NA	Water	PrecSep_0	
160-59087-23	25071003-024A MW-392	Total/NA	Water	PrecSep_0	
160-59087-24	25071003-025A MW-393	Total/NA	Water	PrecSep_0	
160-59087-25	25071003-026A MW-394	Total/NA	Water	PrecSep_0	
160-59087-26	25071003-027A OW-256	Total/NA	Water	PrecSep_0	
160-59087-27	25071003-028A OW-257	Total/NA	Water	PrecSep_0	
160-59087-28	25071003-029A PZ-170	Total/NA	Water	PrecSep_0	
160-59087-29	25071003-030A PZ-182	Total/NA	Water	PrecSep_0	
160-59087-30	25071003-031A Field Blank	Total/NA	Water	PrecSep_0	
160-59087-31	25071003-032A MW-150 Duplicate	Total/NA	Water	PrecSep_0	
160-59087-32	25071003-033A MW-350R Duplicate	Total/NA	Water	PrecSep_0	
160-59087-33	25071003-034A MW-382 Duplicate	Total/NA	Water	PrecSep_0	
160-59087-34	25071003-035A OW-257 Duplicate	Total/NA	Water	PrecSep_0	
MB 160-730482/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-730482/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-59087-20 DU	25071003-020A MW-383	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-59087-1
SDG: 25071003

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	
160-59087-1	25071003-001A MW-150	83.4	
160-59087-2	25071003-002A MW-151	84.6	
160-59087-3	25071003-003A MW-152	86.6	
160-59087-4	25071003-004A MW-153	85.1	
160-59087-5	25071003-005A MW-192	84.9	
160-59087-6	25071003-006A MW-193	92.8	
160-59087-7	25071003-007A MW-252	88.1	
160-59087-8	25071003-008A MW-253R	90.3	
160-59087-9	25071003-009A MW-304	89.1	
160-59087-10	25071003-010A MW-350R	82.1	
160-59087-11	25071003-011A MW-352	84.4	
160-59087-12	25071003-012A MW-356	89.6	
160-59087-13	25071003-013A MW-358R	79.9	
160-59087-14	25071003-014A MW-366	83.9	
160-59087-15	25071003-015A MW-369	85.1	
160-59087-16	25071003-016A MW-370	93.8	
160-59087-17	25071003-017A MW-375	77.9	
160-59087-18	25071003-018A MW-377	87.1	
160-59087-19	25071003-019A MW-382	62.8	
160-59087-20	25071003-020A MW-383	84.1	
160-59087-20 DU	25071003-020A MW-383	88.1	
160-59087-21	25071003-021A MW-384	90.8	
160-59087-22	25071003-022A MW-390	71.2	
160-59087-23	25071003-024A MW-392	85.9	
160-59087-24	25071003-025A MW-393	71.2	
160-59087-25	25071003-026A MW-394	76.2	
160-59087-26	25071003-027A OW-256	71.0	
160-59087-27	25071003-028A OW-257	81.6	
160-59087-28	25071003-029A PZ-170	60.0	
160-59087-29	25071003-030A PZ-182	76.7	
160-59087-30	25071003-031A Field Blank	75.4	
160-59087-31	25071003-032A MW-150	56.3	
	Duplicate		
160-59087-32	25071003-033A MW-350R	76.7	
	Duplicate		
160-59087-33	25071003-034A MW-382	75.9	
	Duplicate		
160-59087-34	25071003-035A OW-257	72.5	
	Duplicate		
LCS 160-730477/2-A	Lab Control Sample	89.3	
LCS 160-730480/2-A	Lab Control Sample	78.4	
MB 160-730477/1-A	Method Blank	88.6	
MB 160-730480/1-A	Method Blank	80.4	

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM

Client: TekLab, Inc
Project/Site: Radium-226 and Radium-228

Lab ID: 160-59087-1
SDG: 25071003

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)
160-59087-1	25071003-001A MW-150	83.4	73.3
160-59087-2	25071003-002A MW-151	84.6	74.0
160-59087-3	25071003-003A MW-152	86.6	74.8
160-59087-4	25071003-004A MW-153	85.1	78.1
160-59087-5	25071003-005A MW-192	84.9	75.1
160-59087-6	25071003-006A MW-193	92.8	76.3
160-59087-7	25071003-007A MW-252	88.1	77.8
160-59087-8	25071003-008A MW-253R	90.3	70.7
160-59087-9	25071003-009A MW-304	89.1	81.5
160-59087-10	25071003-010A MW-350R	82.1	77.8
160-59087-11	25071003-011A MW-352	84.4	74.0
160-59087-12	25071003-012A MW-356	89.6	81.5
160-59087-13	25071003-013A MW-358R	79.9	72.9
160-59087-14	25071003-014A MW-366	83.9	74.8
160-59087-15	25071003-015A MW-369	85.1	76.3
160-59087-16	25071003-016A MW-370	93.8	79.3
160-59087-17	25071003-017A MW-375	77.9	74.4
160-59087-18	25071003-018A MW-377	87.1	75.5
160-59087-19	25071003-019A MW-382	62.8	78.1
160-59087-20	25071003-020A MW-383	84.1	78.1
160-59087-20 DU	25071003-020A MW-383	88.1	77.4
160-59087-21	25071003-021A MW-384	90.8	77.8
160-59087-22	25071003-022A MW-390	71.2	72.1
160-59087-23	25071003-024A MW-392	85.9	71.4
160-59087-24	25071003-025A MW-393	71.2	70.7
160-59087-25	25071003-026A MW-394	76.2	69.5
160-59087-26	25071003-027A OW-256	71.0	57.9
160-59087-27	25071003-028A OW-257	81.6	77.4
160-59087-28	25071003-029A PZ-170	60.0	70.7
160-59087-29	25071003-030A PZ-182	76.7	76.3
160-59087-30	25071003-031A Field Blank	75.4	72.5
160-59087-31	25071003-032A MW-150	56.3	57.6
160-59087-32	Duplicate 25071003-033A MW-350R	76.7	74.4
160-59087-33	Duplicate 25071003-034A MW-382	75.9	75.1
160-59087-34	Duplicate 25071003-035A OW-257	72.5	72.1
LCS 160-730479/2-A	Lab Control Sample	89.3	77.0
LCS 160-730482/2-A	Lab Control Sample	78.4	76.6
MB 160-730479/1-A	Method Blank	88.6	76.6
MB 160-730482/1-A	Method Blank	80.4	77.8

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-104DR
Sample ID: 001
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 12:36 PM Static Water Level: 10.24 feet below TOC
Total Depth: 31.25 feet below TOC
Water Column: 21.01 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 21.01 ft. x 0.022 = 0.46 L x 3 Vol. = 1.38 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:36	0.0	250	purge start time						
12:44	2.0	↓	6.96	998.70	21.28	2.49	-14.40	2.38	
12:47	2.8		6.91	943.30	21.04	1.86	-11.40	2.75	
12:50	3.5		6.89	921.10	20.67	1.37	-9.80	2.46	
12:53	4.3		6.88	901.30	20.47	1.09	-9.00	2.51	
12:56	5.0		6.88	891.30	20.68	0.94	-8.60	2.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/29/2025 12:56
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.88 pH 891.30 Spec. Cond. 20.68 Temp
Field Filtered: No Filter Type:
Water Level: 10.24 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-104SR
Sample ID: 002
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 93 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 1:02 PM Static Water Level: 10.07 feet below TOC
Total Depth: 17.74 feet below TOC
Water Column: 7.67 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.67 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:02	0.0	263	purge start time						
13:09	1.8	↓	6.57	1,035.90	19.32	0.86	15.70	1.51	
13:12	2.6		6.58	1,029.80	19.39	0.68	14.80	1.36	
13:15	3.4		6.58	1,029.40	19.42	0.60	14.20	1.72	
13:18	4.2		6.58	1,036.60	19.33	0.57	13.80	1.03	
13:21	5.0		6.57	1,039.30	19.42	0.53	13.40	0.55	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/29/2025 13:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.57 pH 1,039.30 Spec. Cond. 19.42 Temp
Field Filtered: No Filter Type:
Water Level: 10.16 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:



Date:

7/29/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-150
Sample ID: 003
Date (s): 7/31/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:06 AM Static Water Level: 19.77 feet below TOC
Total Depth: 28.05 feet below TOC
Water Column: 8.28 feet

Purging Activities

Purged By: BG Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.28 ft. x 0.022 = 0.18 L x 3 Vol. = 0.54 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:06	0.0	238	purge start time						
10:15	2.1	↓	6.99	1,179.00	15.34	1.10	-54.50	2.38	
10:18	2.9		6.98	1,172.00	15.44	1.14	-48.40	2.21	
10:21	3.6		6.96	1,169.00	15.50	1.17	-43.50	2.09	
10:24	4.3		6.94	1,164.90	15.46	1.14	-39.90	1.66	
10:27	5.0		6.93	1,161.90	15.36	1.10	-37.40	0.98	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/31/2025 10:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.93 pH 1,161.90 Spec. Cond. 15.36 Temp
Field Filtered: No Filter Type:
Water Level: 19.94 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-151
Sample ID: 004
Date (s): 7/30/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 89 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:07 AM Static Water Level: 5.73 feet below TOC
Total Depth: 19.35 feet below TOC
Water Column: 13.62 feet

Purging Activities

Purged By: JR Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.62 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Cloudy Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:07	0.0	196	purge start time						
11:23	3.1	↓	6.87	837.70	20.22	1.12	36.00	107.66	
11:26	3.7		6.87	833.50	20.23	1.08	29.50	125.80	
11:29	4.3		6.87	830.60	20.23	1.09	25.20	131.05	
11:32	4.9		6.87	827.90	20.22	1.01	22.80	145.35	
11:35	5.5		6.87	828.20	20.40	1.00	21.10	126.34	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/30/2025 11:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.87 pH 828.20 Spec. Cond. 20.40 Temp
Field Filtered: No Filter Type:
Water Level: 5.77 feet below TOC Drawdown: 0.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:



Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-152
Sample ID: 005
Date (s): 7/30/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:53 PM Static Water Level: 7.35 feet below TOC
Total Depth: 20.19 feet below TOC
Water Column: 12.84 feet

Purging Activities

Purged By: JR Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.84 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:52	0.0	227	purge start time						
13:02	2.3	↓	6.98	884.40	18.32	0.97	9.60	19.13	
13:05	3.0		6.98	878.40	18.07	0.82	7.90	20.35	
13:08	3.6		6.97	871.40	18.23	0.77	6.80	24.35	
13:11	4.3		6.96	868.90	18.03	0.74	5.90	25.08	
13:14	5.0		6.96	866.50	17.98	0.72	5.10	28.70	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/30/2025 13:14
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.96 pH 866.50 Spec. Cond. 17.98 Temp
Field Filtered: No Filter Type:
Water Level: 7.41 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-153
Sample ID: 006
Date (s): 7/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 89 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 10:59 AM Static Water Level: 14.03 feet below TOC
Total Depth: 23.42 feet below TOC
Water Column: 9.39 feet

Purging Activities

Purged By: JC Purge Date: 7/29/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.39 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:59	0.0	250	purge start time						
11:04	1.3	↓	6.94	554.90	23.98	3.14	-194.60	20.96	
11:07	2.0		6.82	591.40	25.02	2.59	-189.60	44.88	
11:10	2.7		6.77	612.00	25.48	2.27	-185.30	75.82	
11:13	3.5		6.77	624.50	25.16	2.05	-181.30	79.13	
11:16	4.3		6.76	632.00	25.39	1.96	-176.20	73.14	
11:19	5.0		6.76	633.00	25.07	1.93	-171.00	70.00	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/29/2025 11:19
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.76 pH 633.00 Spec. Cond. 25.07 Temp
Field Filtered: No Filter Type:
Water Level: 14.52 feet below TOC Drawdown: 0.49 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin ColpDate: 7/29/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-154
Sample ID: 007
Date (s): 7/31/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☒ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:54 AM Static Water Level: 10.95 feet below TOC
Total Depth: 15.54 feet below TOC
Water Column: 4.59 feet

Purging Activities

Purged By: AL Purge Date: 7/31/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 4.59 ft. x 0.022 = 0.1 L x 3 Vol. = 0.3 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:54	0.0	188	purge start time						
11:04	1.9	↓	6.48	1,066.30	18.20	1.97	-98.00	3.59	
11:07	2.4		6.49	1,065.50	18.16	1.75	-95.40	2.52	
11:10	3.0		6.49	1,067.40	18.31	1.55	-92.40	0.90	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/31/2025 11:10
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.49 pH 1,067.40 Spec. Cond. 18.31 Temp
Field Filtered: No Filter Type:
Water Level: 12.10 feet below TOC Drawdown: 1.15 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-155
Sample ID: 008
Date (s): 7/31/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☒ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:05 AM Static Water Level: 18.98 feet below TOC
Total Depth: 23.19 feet below TOC
Water Column: 4.21 feet

Purging Activities

Purged By: AL Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 4.21 ft. x 0.022 = 0.09 L x 3 Vol. = 0.27 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:05	0.0	143	purge start time						
10:17	1.7	↓	6.74	864.70	16.86	0.95	11.40	18.44	
10:20	2.1		6.75	864.80	17.29	0.84	9.60	9.09	
10:23	2.6		6.77	864.40	17.04	0.78	8.20	4.48	
10:26	3.0		6.78	860.30	16.67	0.73	7.40	4.22	

Sampling Activities

Sampled By: AL Sample Date/Time: 7/31/2025 10:26
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.78 pH 860.30 Spec. Cond. 16.67 Temp
Field Filtered: No Filter Type: _____
Water Level: 19.95 feet below TOC Drawdown: 0.97 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/31/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-192
Sample ID: 009
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 10:15 AM Static Water Level: 8.52 feet below TOC
Total Depth: 33.00 feet below TOC
Water Column: 24.48 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $24.48 \text{ ft.} \times 0.022 = 0.54 \text{ L} \times 3 \text{ Vol.} = 1.62 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:15	0.0	200	purge start time						
10:24	1.8	↓	6.62	761.40	20.60	0.80	-110.30	18.78	
10:27	2.4		6.63	759.90	20.64	0.67	-112.20	33.32	
10:30	3.0		6.64	758.20	20.56	0.62	-113.70	50.24	

Sampling Activities

Sampled By: AL Sample Date/Time: 7/30/2025 10:30
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.64 pH 758.20 Spec. Cond. 20.56 Temp
Field Filtered: No Filter Type:
Water Level: 13.19 feet below TOC Drawdown: 4.67 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-193
Sample ID: 010
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 9:30 AM Static Water Level: 9.25 feet below TOC
Total Depth: 35.57 feet below TOC
Water Column: 26.32 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $26.32 \text{ ft.} \times 0.022 = 0.58 \text{ L} \times 3 \text{ Vol.} = 1.74 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:30	0.0	111	purge start time						
9:48	2.0	↓	6.55	954.90	22.46	2.98	-2.80	4.02	
9:51	2.3		6.56	956.40	22.37	3.01	-3.90	3.32	
9:54	2.7		6.57	954.10	22.39	3.06	-4.40	3.08	
9:57	3.0		6.58	954.10	22.34	3.09	-5.40	2.63	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/30/2025 9:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.58 pH 954.10 Spec. Cond. 22.34 Temp
Field Filtered: No Filter Type: _____
Water Level: 9.83 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-252
Sample ID: 011
Date (s): 7/30/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 91 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:25 PM Static Water Level: 4.04 feet below TOC
Total Depth: 52.32 feet below TOC
Water Column: 48.28 feet

Purging Activities

Purged By: JR Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 48.28 ft. x 0.022 = 1.06 L x 3 Vol. = 3.18 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:25	0.0	238	purge start time						
10:28	-27.9	↓	6.96	1,870.30	23.14	4.72	-243.50	42.88	
12:32	1.7		6.91	1,263.60	24.90	1.95	-20.80	29.53	
12:34	2.1		6.92	1,255.60	25.03	1.95	-18.20	29.45	
12:37	2.9		6.92	1,240.50	25.02	1.91	-13.30	34.34	
12:40	3.6		6.93	1,222.00	25.26	1.85	-9.10	36.53	
12:43	4.3		6.93	1,207.90	24.88	1.82	-5.10	42.12	
12:46	5.0		6.94	1,185.10	24.69	1.74	-1.60	49.00	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/30/2025 12:46
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.94 pH 1,185.10 Spec. Cond. 24.69 Temp
Field Filtered: No Filter Type:
Water Level: 4.89 feet below TOC Drawdown: 0.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By: Brett GillihanDate: 7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-253R
Sample ID: 012
Date (s): 7/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 10:24 AM Static Water Level: 14.77 feet below TOC
Total Depth: 38.18 feet below TOC
Water Column: 23.41 feet

Purging Activities

Purged By: JC Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 23.41 ft. x 0.022 = 0.52 L x 3 Vol. = 1.56 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy Odor: Moderate Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:24	0.0	292	purge start time						
10:30	1.7	↓	6.74	1,851.50	19.73	3.10	-257.70	77.21	
10:33	2.6		6.80	1,807.60	18.53	1.88	-284.10	82.24	
10:36	3.5		6.82	1,805.70	17.88	1.36	-293.10	38.99	
10:39	4.4		6.81	1,794.80	17.53	0.96	-301.70	49.41	
10:42	5.2		6.81	1,791.80	17.44	0.82	-307.60	35.49	
10:45	6.1		6.80	1,793.90	18.49	0.73	-312.10	56.94	
10:48	7.0		6.80	1,801.30	17.68	0.68	-317.50	34.77	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/29/2025 10:48
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.80 pH 1,801.30 Spec. Cond. 17.68 Temp
Field Filtered: No Filter Type:
Water Level: 15.32 feet below TOC Drawdown: 0.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-304
Sample ID: 013
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 12:02 PM Static Water Level: 8.72 feet below TOC
Total Depth: 57.35 feet below TOC
Water Column: 48.63 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 48.63 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:02	0.0	200	purge start time						
12:15	2.6	↓	7.75	2,236.20	19.41	0.93	12.50	3.55	
12:18	3.2		7.73	2,238.00	19.73	0.79	8.90	3.42	
12:21	3.8		7.71	2,230.10	19.68	0.70	5.60	3.96	
12:24	4.4		7.69	2,216.50	19.67	0.65	2.70	3.40	
12:27	5.0		7.65	2,203.20	19.56	0.71	0.30	3.46	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/29/2025 12:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.65 pH 2,203.20 Spec. Cond. 19.56 Temp
Field Filtered: No Filter Type:
Water Level: 8.77 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-350R
Sample ID: 014
Date (s): 7/31/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 9:28 AM Static Water Level: 23.53 feet below TOC
Total Depth: 50.16 feet below TOC
Water Column: 26.63 feet

Purging Activities

Purged By: JR Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 26.63 ft. x 0.022 = 0.59 L x 3 Vol. = 1.77 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:28	0.0	238	purge start time						
9:37	2.1	↓	7.12	630.00	16.05	0.81	-30.60	7.78	
9:40	2.9		7.10	624.90	16.15	0.77	-28.80	6.00	
9:43	3.6		7.08	621.20	16.17	0.75	-28.40	4.69	
9:46	4.3		7.05	616.80	16.09	0.73	-29.60	4.22	
9:49	5.0		7.05	613.90	16.12	0.71	-32.00	4.01	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/31/2025 9:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH 613.90 Spec. Cond. 16.12 Temp
Field Filtered: No Filter Type:
Water Level: 23.73 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-352
Sample ID: 015
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 90 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:50 AM Static Water Level: 2.73 feet below TOC
Total Depth: 75.54 feet below TOC
Water Column: 72.81 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 72.81 ft. x 0.022 = 1.6 L x 3 Vol. = 4.8 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: Moderate Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	240	purge start time						
12:03	3.1	↓	7.48	1,308.90	18.68	1.11	-14.40	1.59	
12:06	3.8		7.46	1,373.80	20.50	0.81	-36.90	1.66	
12:09	4.6		7.47	1,420.20	21.18	0.72	-54.00	1.89	
12:12	5.3		7.47	1,449.00	21.38	0.67	-67.80	2.24	
12:15	6.0		7.48	1,471.10	21.48	0.64	-79.90	2.95	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/30/2025 12:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.48 pH 1,471.10 Spec. Cond. 21.48 Temp
Field Filtered: No Filter Type:
Water Level: 2.82 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-355
Sample ID: 016
Date (s): 7/31/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☒ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 9:35 AM Static Water Level: 22.81 feet below TOC
Total Depth: 35.17 feet below TOC
Water Column: 12.36 feet

Purging Activities

Purged By: AL Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.36 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:35	0.0	150	purge start time						
9:46	1.7	↓	6.70	881.70	17.29	0.88	-84.20	8.17	
9:49	2.1		6.69	888.60	17.35	1.02	-73.20	5.55	
9:52	2.6		6.70	895.30	17.30	1.24	-66.20	4.56	
9:55	3.0		6.71	898.40	17.15	1.40	-61.90	3.43	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/31/2025 9:55
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.71 pH 898.40 Spec. Cond. 17.15 Temp
Field Filtered: No Filter Type: _____
Water Level: 25.42 feet below TOC Drawdown: 2.61 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/31/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-356
Sample ID: 017
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 94 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 1:33 PM Static Water Level: 4.23 feet below TOC
Total Depth: 68.59 feet below TOC
Water Column: 64.36 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 64.36 ft. x 0.022 = 1.42 L x 3 Vol. = 4.26 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:33	0.0	208	purge start time						
13:45	2.5	↓	7.60	1,060.50	19.76	1.18	18.20	5.57	
13:48	3.1		7.61	1,052.70	19.65	1.48	15.60	5.41	
13:51	3.8		7.61	1,048.80	19.70	1.68	13.50	3.87	
13:54	4.4		7.61	1,050.00	19.60	1.71	11.90	3.24	
13:57	5.0		7.61	1,049.90	19.46	1.60	10.40	2.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/29/2025 13:57
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.61 pH 1,049.90 Spec. Cond. 19.46 Temp
Field Filtered: No Filter Type:
Water Level: 4.31 feet below TOC Drawdown: 0.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-358R
Sample ID: 018
Date (s): 7/29/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 88 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 10:23 AM Static Water Level: 22.89 feet below TOC
Total Depth: 92.67 feet below TOC
Water Column: 69.78 feet

Purging Activities

Purged By: JR Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 69.775 ft. x 0.022 = 1.54 L x 3 Vol. = 4.62 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:23	0.0	87	purge start time						
11:20	5.0	↓	7.39	4,395.80	20.40	0.82	-34.60	29.54	
11:23	5.2		7.40	4,391.40	20.32	0.69	-40.20	22.80	
11:26	5.5		7.40	4,431.50	20.62	0.61	-45.50	18.81	
11:29	5.7		7.40	4,459.20	20.81	0.55	-50.30	17.04	
11:32	6.0		7.41	4,431.50	21.03	0.50	-54.70	16.10	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/29/2025 11:32
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.41 pH 4,431.50 Spec. Cond. 21.03 Temp
Field Filtered: No Filter Type:
Water Level: 22.91 feet below TOC Drawdown: 0.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date:

7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-366
Sample ID: 019
Date (s): 7/30/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 86 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 9:46 AM Static Water Level: 14.43 feet below TOC
Total Depth: 54.57 feet below TOC
Water Column: 40.14 feet

Purging Activities

Purged By: JR Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 40.14 ft. x 0.022 = 0.88 L x 3 Vol. = 2.64 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:46	0.0	250	purge start time						
9:58	3.0	↓	6.54	1,581.90	17.65	0.71	83.40	6.73	
10:01	3.8		6.55	1,576.70	17.66	0.69	80.30	6.75	
10:04	4.5		6.57	1,570.60	17.58	0.67	77.80	7.01	
10:07	5.3		6.57	1,571.60	17.48	0.66	76.30	9.29	
10:10	6.0		6.58	1,567.30	17.55	0.65	74.80	10.96	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/30/2025 10:10
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.58 pH 1,567.30 Spec. Cond. 17.55 Temp
Field Filtered: No Filter Type:
Water Level: 16.24 feet below TOC Drawdown: 1.81 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date: 7/30/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Field Data Sheet

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-369
Sample ID: 020
Date (s): 7/29/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 10:04 AM Static Water Level: 12.85 feet below TOC
Total Depth: 68.34 feet below TOC
Water Column: 55.49 feet

Purging Activities

Purged By: AL Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 55.49 ft. x 0.022 = 1.22 L x 3 Vol. = 3.66 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Light brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:04	0.0	122	purge start time						
10:24	2.4	↓	8.23	2,144.50	18.67	0.44	-229.80	13.38	
10:27	2.8		8.13	2,066.50	18.61	0.42	-222.90	15.01	
10:30	3.2		7.75	1,926.90	18.51	0.41	-206.70	18.06	
10:33	3.5		7.33	1,717.90	18.54	0.40	-192.00	16.49	
10:36	3.9		7.06	1,577.40	18.70	0.39	-183.30	18.15	
10:39	4.3		6.89	1,458.50	18.66	0.39	-176.90	16.94	
10:42	4.6		6.81	1,374.70	18.71	0.38	-172.10	13.84	
10:45	5.0		6.77	1,333.20	18.57	0.38	-168.70	12.03	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/29/2025 10:45
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.77 pH 1,333.20 Spec. Cond. 18.57 Temp
Field Filtered: No Filter Type: _____
Water Level: 20.11 feet below TOC Drawdown: 7.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By: Allison Lampe

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-370
Sample ID: 021
Date (s): 7/29/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 89 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 11:13 AM

Static Water Level: 19.31 feet below TOC
Total Depth: 69.46 feet below TOC
Water Column: 50.15 feet

Purging Activities

Purged By: AL Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 50.15 ft. x 0.022 = 1.1 L x 3 Vol. = 3.3 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:13	0.0	235	purge start time						
11:21	1.9	↓	7.48	5,837.80	18.40	0.66	-35.40	2.05	
11:24	2.6		7.47	5,827.00	18.29	0.56	-41.50	2.22	
11:27	3.3		7.47	5,814.40	18.31	0.50	-45.90	2.35	
11:30	4.0		7.46	5,770.60	18.31	0.46	-48.90	2.48	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/29/2025 11:30
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.46 pH 5,770.60 Spec. Cond. 18.31 Temp
Field Filtered: No Filter Type: _____
Water Level: 22.39 feet below TOC Drawdown: 3.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/29/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-375
Sample ID: 022
Date (s): 7/30/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 10:21 AM Static Water Level: 31.47 feet below TOC
Total Depth: 69.46 feet below TOC
Water Column: 37.99 feet

Purging Activities

Purged By: JC Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 37.99 ft. x 0.022 = 0.84 L x 3 Vol. = 2.52 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:22	0.0	190	purge start time						
10:28	1.1	↓	7.40	1,798.10	17.21	2.11	-188.30	4.59	
10:31	1.7		7.46	1,766.50	17.22	1.42	-218.10	3.55	
10:34	2.3		7.50	1,731.90	17.28	1.13	-227.90	3.19	
10:37	2.9		7.52	1,711.70	17.25	0.98	-227.30	3.37	
10:40	3.4		7.54	1,697.10	17.13	0.90	-223.30	3.47	
10:43	4.0		7.54	1,686.00	17.11	0.84	-218.60	3.48	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/30/2025 10:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.54 pH 1,686.00 Spec. Cond. 17.11 Temp
Field Filtered: No Filter Type:
Water Level: 36.62 feet below TOC Drawdown: 5.15 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin ColpDate: 7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-377
Sample ID: 023
Date (s): 7/31/2027

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:53 AM Static Water Level: 6.56 feet below TOC
Total Depth: 58.69 feet below TOC
Water Column: 52.13 feet

Purging Activities

Purged By: JR Purge Date: 7/31/2027
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 52.13 ft. x 0.022 = 1.15 L x 3 Vol. = 3.45 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:53	0.0	250	purge start time						
11:03	2.5	↓	7.19	877.00	17.26	0.83	19.30	4.42	
11:06	3.2		7.15	871.50	17.20	0.74	18.50	2.61	
11:09	4.0		7.13	866.80	17.22	0.76	17.40	1.79	
11:12	4.7		7.12	863.60	17.26	0.97	16.70	1.08	
11:15	5.5		7.11	862.10	17.24	1.21	16.20	1.16	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/31/2025 11:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.11 pH 862.10 Spec. Cond. 17.24 Temp
Field Filtered: No Filter Type:
Water Level: 8.20 feet below TOC Drawdown: 1.64 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:



Date:

7/31/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-382
Sample ID: 024
Date (s): 7/29/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 7/29/25 12:49 PM Static Water Level: 16.15 feet below TOC
Total Depth: 68.56 feet below TOC
Water Column: 52.41 feet

Purging Activities

Purged By: AL Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $52.41 \text{ ft.} \times 0.022 = 1.15 \text{ L} \times 3 \text{ Vol.} = 3.45 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:49	0.0	167	purge start time						
12:58	1.5	↓	7.69	1,701.70	21.72	1.08	-66.60	36.86	
13:01	2.0		7.68	1,687.20	21.47	0.96	-67.00	32.96	
13:04	2.5		7.67	1,681.90	21.39	0.89	-67.60	37.76	
13:07	3.0		7.66	1,677.70	21.42	0.82	-68.40	26.41	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/29/2025 13:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.66 pH 1,677.70 Spec. Cond. 21.42 Temp
Field Filtered: No Filter Type: _____
Water Level: 20.38 feet below TOC Drawdown: 4.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/29/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Field Data Sheet

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-383
Sample ID: 025
Date (s): 7/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 91 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 11:56 AM Static Water Level: 19.74 feet below TOC
Total Depth: 69.83 feet below TOC
Water Column: 50.09 feet

Purging Activities

Purged By: JC Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 50.09 ft. x 0.022 = 1.1 L x 3 Vol. = 3.3 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:56	0.0	250	purge start time						
12:03	1.7	↓	7.54	1,576.50	20.25	2.15	-121.30	3.53	
12:06	2.5		7.52	1,576.20	20.19	1.62	-118.60	5.18	
12:09	3.2		7.51	1,572.30	20.16	1.33	-116.90	7.65	
12:12	4.0		7.50	1,566.10	20.19	1.14	-115.30	10.79	
12:15	4.7		7.47	1,558.00	20.22	1.02	-114.20	14.50	
12:18	5.5		7.45	1,551.20	20.15	0.92	-113.10	22.05	
12:21	6.2		7.43	1,546.40	20.18	0.83	-112.30	26.27	
12:24	7.0		7.43	1,545.60	20.13	0.76	-112.30	32.61	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/29/2025 12:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.43 pH 1,545.60 Spec. Cond. 20.13 Temp
Field Filtered: No Filter Type: _____
Water Level: 27.28 feet below TOC Drawdown: 7.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/29/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Field Data Sheet

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-384
Sample ID: 026
Date (s): 7/29/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 12:41 PM Static Water Level: 16.34 feet below TOC
Total Depth: 72.77 feet below TOC
Water Column: 56.43 feet

Purging Activities

Purged By: JC Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 56.43 ft. x 0.022 = 1.24 L x 3 Vol. = 3.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:42	0.0	222	purge start time						
12:48	1.3	↓	7.91	2,923.40	19.32	3.05	-53.70	6.73	
12:51	2.0		7.99	2,928.10	19.21	2.07	-69.20	5.37	
12:54	2.7		8.02	2,928.10	19.14	1.57	-78.20	5.74	
12:57	3.3		8.02	2,924.60	18.97	1.29	-84.30	7.17	
13:00	4.0		8.01	2,921.70	19.00	1.11	-88.70	8.50	
13:03	4.7		7.97	2,914.30	19.04	0.99	-90.90	10.89	
13:06	5.3		7.88	2,895.30	19.13	0.90	-90.40	16.00	
13:09	6.0		7.66	2,849.20	18.94	0.87	-82.00	22.56	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/29/2025 13:09
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.66 pH 2,849.20 Spec. Cond. 18.94 Temp
Field Filtered: No Filter Type: _____
Water Level: 23.37 feet below TOC Drawdown: 7.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/29/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Field Data Sheet

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-390
Sample ID: 027
Date (s): 7/30/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 88 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:03 AM Static Water Level: 7.06 feet below TOC
Total Depth: 66.60 feet below TOC
Water Column: 59.54 feet

Purging Activities

Purged By: JC Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 59.54 ft. x 0.022 = 1.31 L x 3 Vol. = 3.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:05	0.0	222	purge start time						
11:11	1.3	↓	7.13	3,457.50	17.10	1.69	-130.10	7.88	
11:14	2.0		7.16	2,586.20	16.94	1.31	-128.70	7.13	
11:17	2.7		7.12	1,926.90	16.80	1.09	-119.10	8.94	
11:20	3.3		7.03	1,622.60	16.71	0.95	-109.00	12.25	
11:23	4.0		6.97	1,484.20	16.85	0.85	-102.20	16.71	
11:26	4.7		6.91	1,257.70	16.86	0.73	-95.50	21.26	
11:29	5.3		6.83	1,182.00	16.79	0.68	-86.20	23.55	
11:32	6.0		6.71	1,130.20	16.82	0.65	-75.20	29.35	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/30/2025 11:32
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.71 pH 1,130.20 Spec. Cond. 16.82 Temp
Field Filtered: No Filter Type:
Water Level: 15.10 feet below TOC Drawdown: 8.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-391R
Sample ID: 028
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing Well	<u>X</u>	
Protective Casing	<u>Good</u>			<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:59 PM Static Water Level: 71.96 feet below TOC
Total Depth: 72.43 feet below TOC
Water Column: 0.47 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Dry
- No sample collected

Form Completed By: Allison Lampe Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-392
Sample ID: 029
Date (s): 7/30/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 89 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:49 AM Static Water Level: 9.26 feet below TOC
Total Depth: 87.04 feet below TOC
Water Column: 77.78 feet

Purging Activities

Purged By: JC Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 77.78 ft. x 0.022 = 1.71 L x 3 Vol. = 5.13 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	262	purge start time						
11:59	2.4	↓	7.60	3,742.10	19.30	1.63	-152.20	6.78	
12:02	3.1		7.61	3,735.60	19.20	1.35	-154.40	8.54	
12:05	3.9		7.61	3,727.50	19.13	1.21	-154.80	10.49	
12:08	4.7		7.60	3,726.70	19.09	1.12	-154.70	18.34	
12:11	5.5		7.59	3,720.90	19.01	1.06	-153.80	24.11	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/30/2025 12:11
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.59 pH 3,720.90 Spec. Cond. 19.01 Temp
Field Filtered: No Filter Type:
Water Level: 17.59 feet below TOC Drawdown: 8.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By:



Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-393
Sample ID: 030
Date (s): 7/30/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 91 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:24 PM Static Water Level: 7.68 feet below TOC
Total Depth: 88.33 feet below TOC
Water Column: 80.65 feet

Purging Activities

Purged By: JC Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 80.65 ft. x 0.022 = 1.77 L x 3 Vol. = 5.31 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:25	0.0	222	purge start time						
12:31	1.3	↓	8.12	4,582.60	19.34	1.31	-227.60	3.39	
12:34	2.0		8.13	4,588.20	19.21	0.96	-242.00	3.82	
12:37	2.7		8.14	4,586.00	19.23	0.79	-252.60	3.96	
12:40	3.3		8.14	4,585.10	19.23	0.71	-260.40	4.15	
12:43	4.0		8.13	4,565.80	19.12	0.65	-266.70	4.40	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/30/2025 12:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 8.13 pH 4,565.80 Spec. Cond. 19.12 Temp
Field Filtered: No Filter Type:
Water Level: 14.77 feet below TOC Drawdown: 7.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-394
Sample ID: 031
Date (s): 7/30/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:55 PM Static Water Level: 7.19 feet below TOC
Total Depth: 85.87 feet below TOC
Water Column: 78.68 feet

Purging Activities

Purged By: JC Purge Date: 7/30/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 78.68 ft. x 0.022 = 1.73 L x 3 Vol. = 5.19 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: Moderate Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:56	0.0	288	purge start time						
13:03	2.0	↓	7.85	4,674.90	19.55	1.06	-296.30	3.48	
13:06	2.9		7.89	4,540.20	19.49	0.80	-325.00	3.46	
13:09	3.7		7.95	4,423.70	19.42	0.68	-334.60	3.63	
13:12	4.6		7.97	4,373.90	19.28	0.60	-335.80	3.97	
13:15	5.5		7.98	4,334.10	19.21	0.55	-334.10	4.31	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/30/2025 13:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.98 pH 4,334.10 Spec. Cond. 19.21 Temp
Field Filtered: No Filter Type:
Water Level: 14.46 feet below TOC Drawdown: 7.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/30/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: OW-156
Sample ID: 032
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 90 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:40 AM

Static Water Level: 9.67 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 10.73 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.73 ft. x 0.022 = 0.24 L x 3 Vol. = 0.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: Slight Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:40	0.0	316	purge start time						
11:50	3.2	↓	6.40	877.20	26.83	1.09	-35.10	38.49	
11:53	4.1		6.40	872.40	26.78	1.02	-22.40	33.96	
11:56	5.1		6.40	870.70	27.01	0.98	-12.50	27.18	
11:59	6.0		6.40	866.20	26.72	0.97	-3.50	25.44	

Sampling Activities

Sampled By: _____ Sample Date/Time: 7/30/2025 11:59
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: 10.52 feet below TOC Drawdown: 0.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155
- Stabilization data only; no sample

Form Completed By:

Allison Lampe

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: OW-157
Sample ID: 033
Date (s): 7/31/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☒ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 11:43 AM Static Water Level: 10.31 feet below TOC
Total Depth: 18.65 feet below TOC
Water Column: 8.34 feet

Purging Activities

Purged By: AL Purge Date: 7/31/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.34 ft. x 0.022 = 0.18 L x 3 Vol. = 0.54 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:43	0.0	200	purge start time						
11:49	1.2	↓	6.14	4,088.30	24.53	1.79	-59.80	36.22	
11:52	1.8		6.14	4,089.80	23.85	1.63	-57.60	31.14	
11:55	2.4		6.14	4,089.10	23.17	1.50	-56.80	31.05	
11:58	3.0		6.13	4,082.10	22.92	1.42	-53.60	33.35	

Sampling Activities

Sampled By: PY Sample Date/Time: 07/31/2025 11:58
Sample Method: Low Flow Sample Equipment: _____
Sample Parameters: 6.13 pH Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: 10.81 feet below TOC Drawdown: 0.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155
- Stabilization data only; no sample

Form Completed By: Allison Lampe

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: OW-256
Sample ID: 034
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 89 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 11:00 AM Static Water Level: 9.54 feet below TOC
Total Depth: 35.31 feet below TOC
Water Column: 25.77 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 25.77 ft. x 0.022 = 0.57 L x 3 Vol. = 1.71 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:00	0.0	227	purge start time						
11:13	3.0	↓	6.68	861.20	21.33	2.02	-49.10	10.69	
11:16	3.6		6.67	864.80	21.16	1.78	-40.90	7.03	
11:19	4.3		6.67	860.50	20.85	1.63	-37.60	4.60	
11:22	5.0		6.68	862.00	20.51	1.53	-35.60	2.84	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/30/2025 11:22
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.68 pH 862.00 Spec. Cond. 20.51 Temp
Field Filtered: No Filter Type: _____
Water Level: 11.61 feet below TOC Drawdown: 2.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: OW-257
Sample ID: 035
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 1:09 PM Static Water Level: 7.67 feet below TOC
Total Depth: 41.91 feet below TOC
Water Column: 34.24 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $34.24 \text{ ft.} \times 0.022 = 0.75 \text{ L} \times 3 \text{ Vol.} = 2.25 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:09	0.0	278	purge start time						
13:18	2.5	↓	6.83	1,161.00	21.18	1.40	-137.70	34.39	
13:21	3.3		6.83	1,161.90	21.89	1.47	-137.70	22.35	
13:24	4.2		6.84	1,163.40	21.87	1.65	-136.70	23.56	
13:27	5.0		6.85	1,162.00	21.56	1.88	-134.70	28.80	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/30/2025 13:27
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.85 pH 1,162.00 Spec. Cond. 21.56 Temp
Field Filtered: No Filter Type: _____
Water Level: 14.23 feet below TOC Drawdown: 6.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: PZ-170
Sample ID: 036
Date (s): 7/29/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 91 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/29/25 11:50 AM Static Water Level: 15.63 feet below TOC
Total Depth: 33.26 feet below TOC
Water Column: 17.63 feet

Purging Activities

Purged By: AL Purge Date: 7/29/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.63 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:50	0.0	150	purge start time						
12:04	2.1	↓	6.59	1,701.20	22.60	2.19	-166.90	2.35	
12:07	2.6		6.59	1,670.80	22.49	2.11	-163.80	2.30	
12:10	3.0		6.58	1,657.00	22.30	1.87	-162.40	1.94	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/29/2025 12:10
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.58 pH 1,657.00 Spec. Cond. 22.30 Temp
Field Filtered: No Filter Type:
Water Level: 18.17 feet below TOC Drawdown: 2.54 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date: 7/29/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: PZ-182
Sample ID: 037
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/30/25 12:09 PM Static Water Level: 18.71 feet below TOC
Total Depth: 36.61 feet below TOC
Water Column: 17.90 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.9 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:09	0.0	292	purge start time						
12:24	4.4	↓	6.49	1,279.50	23.08	0.88	-175.30	23.83	
12:27	5.2		6.48	1,261.60	23.14	0.88	-164.00	24.32	
12:30	6.1		6.48	1,252.90	23.80	0.87	-154.30	22.52	
12:33	7.0		6.48	1,249.70	24.26	0.86	-147.20	24.90	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/30/2025 12:33
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.48 pH 1,249.70 Spec. Cond. 24.26 Temp
Field Filtered: No Filter Type: _____
Water Level: 27.31 feet below TOC Drawdown: 8.60 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155

Form Completed By:

Allison Lampe

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: TPZ-164
Sample ID: 038
Date (s): 7/31/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 9:20 AM Static Water Level: 4.88 feet below TOC
Total Depth: 12.90 feet below TOC
Water Column: 8.02 feet

Purging Activities

Purged By: JC Purge Date: 7/31/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $8.02 \text{ ft.} \times 0.022 = 0.18 \text{ L} \times 3 \text{ Vol.} = 0.54 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:20	0.0	289	purge start time						
9:24	1.2	↓	7.08	828.10	21.39	2.68	-116.90	7.53	
9:27	2.0		7.13	828.80	21.54	2.01	-137.80	3.98	
9:30	2.9		7.15	830.90	21.75	1.70	-145.70	3.48	
9:33	3.8		7.17	832.50	21.79	1.55	-149.70	3.07	
9:36	4.6		7.17	834.20	21.80	1.42	-152.60	2.89	
9:39	5.5		7.18	834.80	21.74	1.34	-154.60	2.55	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/31/2025 9:39
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.18 pH 834.80 Spec. Cond. 21.74 Temp
Field Filtered: No Filter Type:
Water Level: 4.90 feet below TOC Drawdown: 0.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin ColpDate: 7/31/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Field Data Sheet

Project Name: BAL-25Q3 **Monitoring Point:** XPW01
Project Location: Baldwin, IL **Sample ID:** 039
W.O. Number (s): 25071002 **Date (s):** 7/31/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
 Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good		Locks	Yes	No
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:19 AM Static Water Level: 10.63 feet below TOC
 Total Depth: 14.53 feet below TOC
 Water Column: 3.90 feet

Purging Activities

Purged By: JC Purge Date: 7/31/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 3.904 ft. x 0.022 = 0.09 L x 3 Vol. = 0.27 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.50 L
 Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:20	0.0	188	purge start time						
10:26	1.1	↓	6.79	1,161.40	18.96	1.95	-103.00	7.02	
10:29	1.7		6.78	1,163.50	18.91	1.32	-107.80	7.82	
10:32	2.3		6.78	1,164.10	18.83	1.06	-111.10	8.87	
10:35	2.8		6.79	1,161.90	18.82	0.92	-113.60	5.84	
10:38	3.4		6.79	1,161.00	18.79	0.83	-115.40	3.18	
10:41	3.9		6.79	1,160.70	18.79	0.77	-116.80	2.39	
10:44	4.5		6.79	1,159.70	18.78	0.73	-118.00	2.34	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/31/2025 10:44
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.79 pH 1,159.70 Spec. Cond. 18.78 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 10.63 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: 

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: XPW05
Sample ID: 040
Date (s): 7/31/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 9:48 AM Static Water Level: 5.28 feet below TOC
Total Depth: 31.15 feet below TOC
Water Column: 25.87 feet

Purging Activities

Purged By: JC Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 25.866 ft. x 0.022 = 0.57 L x 3 Vol. = 1.71 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:49	0.0	200	purge start time						
9:52	0.6	↓	6.84	924.90	21.00	4.48	-101.30	13.80	
9:55	1.2		6.97	877.50	21.35	4.10	-115.60	11.14	
9:58	1.8		7.09	855.30	21.41	4.26	-120.70	10.04	
10:01	2.4		7.16	845.70	21.35	4.17	-124.20	10.67	
10:04	3.0		7.22	841.20	21.37	4.10	-125.70	12.34	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/31/2025 10:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.22 pH 841.20 Spec. Cond. 21.37 Temp
Field Filtered: No Filter Type:
Water Level: 5.45 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: XPW06
Sample ID: 041
Date (s): 7/31/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:55 AM Static Water Level: 2.84 feet below TOC
Total Depth: 9.66 feet below TOC
Water Column: 6.82 feet

Purging Activities

Purged By: JC Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 6.815 ft. x 0.022 = 0.15 L x 3 Vol. = 0.45 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:56	0.0	194	purge start time						
11:02	1.2	↓	7.03	745.40	20.37	1.62	-171.10	4.64	
11:05	1.8		7.05	705.80	20.68	1.08	-177.40	4.21	
11:08	2.3		7.06	693.00	20.97	0.88	-179.00	3.33	
11:11	2.9		7.06	697.20	21.14	0.78	-179.40	2.72	
11:14	3.5		7.06	703.30	21.29	0.71	-179.40	2.38	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/31/2025 11:14
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 703.30 Spec. Cond. 21.29 Temp
Field Filtered: No Filter Type:
Water Level: 3.34 feet below TOC Drawdown: 0.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 223352

Form Completed By: Justin Colp

Date: 7/31/2025



Monitoring Point:	Field Blank
Sample ID:	042
Date (s):	7/31/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Temp: 79 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Humidity: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Pad	_____
Casing	_____
Protective Casing	_____
Reference Mark/Identification	_____

Locks	Yes	No
Protective Casing		
Well		

Date/Time Measured: _____

Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purged By: _____ Purge Date: _____
 Purge Method: Direct Grab Well Diameter: _____
 Purge Volume Calculation (L): _____
 Actual Purge Volume (L): _____
 Physical appearance of purge water: _____ Odor: _____ Color: _____

[illegible]

Sampled By:	JC	Sample Date/Time:	7/31/2025	11:15
Sample Method:	Direct Sample	Sample Equipment:	Direct Grab	
Sample Parameters:	pH	Spec. Cond.	Temp	
Field Filtered:	No	Filter Type:		
Water Level:	feet below TOC	Drawdown:	feet	

- QA/QC Sample

Date: 7/31/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-150 Duplicate
Sample ID: 043
Date (s): 7/31/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 78 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 10:06 AM Static Water Level: 19.77 feet below TOC
Total Depth: 28.05 feet below TOC
Water Column: 8.28 feet

Purging Activities

Purged By: BG Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.28 ft. x 0.022 = 0.18 L x 3 Vol. = 0.54 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:06	0.0	238	purge start time						
10:15	2.1	↓	6.99	1,179.00	15.34	1.10	-54.50	2.38	
10:18	2.9		6.98	1,172.00	15.44	1.14	-48.40	2.21	
10:21	3.6		6.96	1,169.00	15.50	1.17	-43.50	2.09	
10:24	4.3		6.94	1,164.90	15.46	1.14	-39.90	1.66	
10:27	5.0		6.93	1,161.90	15.36	1.10	-37.40	0.98	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/31/2025 10:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.93 pH 1,161.90 Spec. Cond. 15.36 Temp
Field Filtered: No Filter Type:
Water Level: 19.94 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
- QA/QC Sample

Form Completed By: Brett Gillihan

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-350R Duplicate
Sample ID: 044
Date (s): 7/31/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 7/31/25 9:28 AM Static Water Level: 23.53 feet below TOC
Total Depth: 50.16 feet below TOC
Water Column: 26.63 feet

Purging Activities

Purged By: JR Purge Date: 7/31/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 26.63 ft. x 0.022 = 0.59 L x 3 Vol. = 1.77 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:28	0.0	238	purge start time						
9:37	2.1	↓	7.12	630.00	16.05	0.81	-30.60	7.78	
9:40	2.9		7.10	624.90	16.15	0.77	-28.80	6.00	
9:43	3.6		7.08	621.20	16.17	0.75	-28.40	4.69	
9:46	4.3		7.05	616.80	16.09	0.73	-29.60	4.22	
9:49	5.0		7.05	613.90	16.12	0.71	-32.00	4.01	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/31/2025 9:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH 613.90 Spec. Cond. 16.12 Temp
Field Filtered: No Filter Type:
Water Level: 23.73 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
- QA/QC Sample

Form Completed By: Brett Gillihan

Date: 7/31/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: MW-382 Duplicate
Sample ID: 045
Date (s): 7/29/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/29/2025 1249 Static Water Level: 16.15 feet below TOC
Total Depth: 68.56 feet below TOC
Water Column: 52.41 feet

Purging Activities

Purged By: AL Purge Date: 7/29/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $52.41 \text{ ft.} \times 0.022 = 1.15 \text{ L} \times 3 \text{ Vol.} = 3.45 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:49	0.0	167	purge start time						
12:58	1.5	↓	7.69	1,701.70	21.72	1.08	-66.60	36.86	
13:01	2.0		7.68	1,687.20	21.47	0.96	-67.00	32.96	
13:04	2.5		7.67	1,681.90	21.39	0.89	-67.60	37.76	
13:07	3.0		7.66	1,677.70	21.42	0.82	-68.40	26.41	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/29/2025 13:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.66 pH 1,677.70 Spec. Cond. 21.42 Temp
Field Filtered: No Filter Type: _____
Water Level: 20.38 feet below TOC Drawdown: 4.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155
- QA/QC Sample

Form Completed By:

Allison Lampe

Date:

7/29/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: OW-257 Duplicate
Sample ID: 046
Date (s): 7/30/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 7/30/25 1:09 PM Static Water Level: 7.67 feet below TOC
Total Depth: 41.91 feet below TOC
Water Column: 34.24 feet

Purging Activities

Purged By: AL Purge Date: 7/30/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.24 ft. x 0.022 = 0.75 L x 3 Vol. = 2.25 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:09	0.0	278	purge start time						
13:18	2.5	↓	6.83	1,161.00	21.18	1.40	-137.70	34.39	
13:21	3.3		6.83	1,161.90	21.89	1.47	-137.70	22.35	
13:24	4.2		6.84	1,163.40	21.87	1.65	-136.70	23.56	
13:27	5.0		6.85	1,162.00	21.56	1.88	-134.70	28.80	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/30/2025 13:27
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.85 pH 1,162.00 Spec. Cond. 21.56 Temp
Field Filtered: No Filter Type: _____
Water Level: 14.23 feet below TOC Drawdown: 6.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50155
- QA/QC Sample

Form Completed By:

Allison Lampe

Date:

7/30/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: Equipment Blank 1
Sample ID: 047
Date (s): _____

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks

Yes	No

Protective Casing _____
Well _____

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): _____ L
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: Direct Grab
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample collected

Form Completed By: _____

Date: _____



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: Equipment Blank 2
Sample ID: 048
Date (s):

Field Team Members

Name: Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Casing Protective Casing Reference Mark/Identification
Locks Yes No
Protective Casing Well

Groundwater Level Measurements

Date/Time Measured: Static Water Level: feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Direct Grab Well Diameter:
Purge Volume Calculation (L): *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): L
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample collected

Form Completed By: Date:



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

Project Name: BAL-25Q3
Project Location: Baldwin, IL
W.O. Number (s): 25071002

Monitoring Point: Equipment Blank 3
Sample ID: 049
Date (s): _____

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): _____ L
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: Direct Grab
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- No non-dedicated equipment used; no sample collected

Form Completed By: _____ Date: _____



Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 223352 Technician(s): justin colp Date: 7/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/29/25 9:29
7.0 Buffer	wc250407a	7.00	7/29/25 9:26
10.0 Buffer	wc240625a	10.00	7/29/25 9:37
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/29/25 9:42

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.71	7/29/25 9:43
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-JC	LCS	7/29/25 9:47	27.5	7.02	1,419	0.69		
CCV-1-JC	CCV	7/29/25 14:35	23.8	7.06	1,397	0.91		

Comments:

Field Meter ID: Pine 223352 Technician(s): justin colp Date: 7/30/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/30/25 8:31
7.0 Buffer	wc250407a	7.00	7/30/25 8:27
10.0 Buffer	wc240625a	10.00	7/30/25 8:35
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/30/25 8:41

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.87	7/30/25 8:42
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-JC	LCS	7/30/25 8:46	21.7	7.04	1,413	0.89		
CCV-2-JC	CCV	7/30/25 13:50	22.6	7.05	1,422	0.78		

Comments:

Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 223352 Technician(s): justin colp Date: 7/31/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/31/25 8:40
7.0 Buffer	wc250407a	7.00	7/31/25 8:37
10.0 Buffer	wc240625a	10.00	7/31/25 8:47
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	105373	1412	7/31/25 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.8	7/31/25 8:56
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	7/31/25 8:57	21.5	7.00	1,408	0.78		
CCV-3-JC	ccv	7/31/25 11:51	21.8	7.04	1,410	0.97		

Comments: _____

Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 44954 Technician(s): Brett Gillihan Date: 7/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/29/25 9:04
7.0 Buffer	WC250407A	7.00	7/29/25 8:55
10.0 Buffer	WC240625A	10.00	7/29/25 9:15
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1413	7/29/25 9:17

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.28	7/29/25 9:20
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-BG	LCS	7/29/25 9:22	23.1	7.02	1,421	0.36		
CCV-1-BG	CCV	7/29/25 14:27	22.4	7.06	1,438	0.44		

Comments:

Field Meter ID: Pine 46868 Technician(s): Brett Gillihan Date: 7/30/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/30/25 8:55
7.0 Buffer	WC250407A	7.00	7/30/25 8:47
10.0 Buffer	WC240625A	10.00	7/30/25 8:59
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1419	7/30/25 9:01

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.22	7/30/25 9:05
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-BG	LCS	7/30/25 9:09	21.6	7.00	1,428	0.38		
CCV-2-BG	CCV	7/30/25 13:53	23.4	7.02	1,447	0.52		

Comments:

Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 46868 Technician(s): Brett Gillihan Date: 7/31/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/31/25 8:44
7.0 Buffer	WC250407A	7.00	7/31/25 8:41
10.0 Buffer	wc240625A	10.00	7/31/25 8:48
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/31/25 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.32	7/31/25 8:57
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-BG	LCS	7/31/25 8:58	21.6	7.03	1,432	0.54		
CCV-3-BG	CCV	7/31/25 11:51	21.4	7.03	1,447	0.58		

Comments: _____

Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 50155 Technician(s): A.Lampe Date: 7/29/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	7/29/2025 910 AM
7.0 Buffer	WC250407A	7.00	7/29/2025 915AM
10.0 Buffer	WC240625A	10.00	7/29/2025 922 AM
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/29/2025 925 AM

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.15	7/29/2025 925 AM
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-AL	LCS	7/29/25 9:26	29.3	7.09	1,392	0.15		
CCV-1-AL	CCV	7/29/25 14:30	24.4	7.08	1,390	0.23		

Comments:

Field Meter ID: Pine 50115 Technician(s): A.lampe Date: 7/30/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	7/30/2025 847AM
7.0 Buffer	WC250407A	7.00	7/30/2025 852 AM
10.0 Buffer	WC240625A	10.00	7/30/2025 857 AM
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/30/2025 905 AM

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.37	7/30/2025 906 AM
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-AL	LCS	7/30/25 9:08	21.8	7.09	1,411	0.37		
CCV-2-AL	CCV	7/30/25 14:14	21.7	7.10	1,384	0.12		

Comments:

Site Sampling Event: BAL-25Q3
LIMS Workorder: 25071002
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Baldwin- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

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 50115 Technician(s): A.lampe Date: 7/31/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250429L	4.00	7/31/2025 847 AM
7.0 Buffer	WC250407A	7.00	7/31/2025 852AM
10.0 Buffer	WC240625A	10.00	7/31/2025 859 AM
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	105373	1412	7/31/2025 903AM

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.24	7/31/2025 905AM
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-AL	LCS	7/31/25 9:08	21.5	7.05	1,406	0.24		
CCV-3-AL	CCV	7/31/25 12:16	21.8	7.10	1,412	0.12		

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 46868
Description YSI Pro DSS Sonde
Calibrated 7/29/2025 1:33:13PM

Manufacturer YSI	State Certified
Model Number Pro DSS	Status Pass
Serial Number/ Lot Number 19K103392	Temp °C 22.2
Location St. Louis	Humidity % 43
Department	

Calibration Specifications							
Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	7.09	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	3.91	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.04	10.00	0.00%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity (NTU)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	NTU	0.00	NTU	2.40	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.91	124.00	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	1.354	1.413	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	238.90	240.00	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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>



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 46868

Description YSI Pro DSS Sonde

Calibrated 7/29/2025 1:33:13PM

Group # 5				Range Acc % 0.0000				
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000				
Stated Accy Pct of Reading				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>
100.00 / 100.00		%	100.00	%	99.90	99.90	-0.10%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		8/1/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24021650	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24021650		6/25/2026
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574		10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197		2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771		2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468		3/25/2027

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Austin Carter

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



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 44954
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:12:57AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 18L101938
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	7.33	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.39	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.27	10.05	0.50%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	NTU	0.00	NTU	0.15	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	111.68	124.00	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	1.407	1.413	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	228.80	240.00	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading Range				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>



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 44954
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:12:57AM

Group # 5		Range Acc % 0.0000	
Group Name Dissolved Oxygen Span		Reading Acc % 3.0000	
Stated Accy Pct of Reading Range		Plus/Minus 0.00	
Nom In Val / In Val	In Type	Out Val	Out Type
100.00 / 100.00	%Volume	100.00	%Volume
Fnd As	Lft As	Dev%	Pass/Fail
94.20	99.60	-0.40%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705	7/25/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680	3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889	12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574	10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197	2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771	2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468	3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

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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 50115
Description YSI Pro DSS
Calibrated 6/27/2025 10:18:22AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 21C102193
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications							
Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	7.35	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.47	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.21	10.04	0.40%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	1.504	1.413	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Turbidity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	NTU	0.00	NTU	0.54	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	84.79	124.00	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	235.60	240.00	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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>



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 50115
Description YSI Pro DSS
Calibrated 6/27/2025 10:18:22AM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	End As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	98.00	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889		12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574		10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197		2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771		2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468		3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

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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 223352
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:15:57AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 24C101265
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	7.31	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.41	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.23	10.04	0.40%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity (NTU)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	NTU	0.00	NTU	0.91	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	108.64	124.00	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	1.531	1.413	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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	237.70	240.00	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				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>



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 223352
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:15:57AM

Group # 5		Range Acc % 0.0000	
Group Name Dissolved Oxygen Span		Reading Acc % 3.0000	
Stated Accy Pct of Reading		Plus/Minus 0.00	
Nom In Val / In Val	In Type	Out Val	Out Type
100.00 / 100.00	%	100.00	%
Fnd As	Lft As	Dev%	Pass/Fail
85.70	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889		12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574		10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197		2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771		2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468		3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

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**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 3, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-150	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.00230
MW-150	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.00578
MW-150	PMP	E010	Barium, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0147	0.261
MW-150	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.001
MW-150	PMP	E010	Boron, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	3.48	2.23
MW-150	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.001
MW-150	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	48.2	1,370
MW-150	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/31/25	11	91	CI around median	0.0015	0.0125
MW-150	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.001	0.00220
MW-150	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.661	3.36
MW-150	PMP	E010	Lead, total	mg/L	03/15/23 - 07/31/25	11	91	CI around median	0.001	0.00220
MW-150	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0491	0.123
MW-150	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.0002	0.0002
MW-150	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/31/25	11	54	CI around median	0.0015	0.0782
MW-150	PMP	E010	pH (field)	SU	03/22/16 - 07/31/25	39	0	CB around T-S line	6.9/7.0	7.3/8.4
MW-150	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/31/25	11	0	CI around mean	0.0567	4.14
MW-150	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/31/25	11	64	CI around median	0.001	0.00320
MW-150	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/31/25	11	0	CI around mean	849	228
MW-150	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/31/25	11	100	All ND - Last	0.002	0.002
MW-150	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/31/25	39	0	CB around linear reg	1,680	3,260
MW-151	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.00230
MW-151	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	12	67	CI around median	0.001	0.00578
MW-151	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	0.055	0.261
MW-151	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.001
MW-151	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	0.576	2.23
MW-151	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.001
MW-151	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	36.7	1,370

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-151	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	12	33	CI around geomean	0.00208	0.0125
MW-151	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	12	42	CI around median	0.001	0.00220
MW-151	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	12	17	CI around mean	0.498	3.36
MW-151	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	12	50	CI around geomean	0.000968	0.00220
MW-151	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	0.0255	0.123
MW-151	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0002	0.0002
MW-151	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0015	0.0782
MW-151	PMP	E010	pH (field)	SU	03/16/17 - 07/30/25	36	0	CI around mean	6.9/7.0	7.3/8.4
MW-151	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	12	0	CI around mean	0.162	4.14
MW-151	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.00320
MW-151	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	77.3	228
MW-151	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.002	0.002
MW-151	PMP	E010	Total Dissolved Solids	mg/L	03/16/17 - 07/30/25	36	0	CB around T-S line	560	3,260
MW-152	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.00230
MW-152	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	11	46	CI around median	0.001	0.00578
MW-152	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0162	0.261
MW-152	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.001
MW-152	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	11	0	CI around median	0.422	2.23
MW-152	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.001
MW-152	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	11	0	CI around geomean	8.27	1,370
MW-152	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	11	36	CI around mean	0.00165	0.0125
MW-152	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	11	46	CI around geomean	0.00102	0.00220
MW-152	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	11	36	CI around mean	0.257	3.36
MW-152	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	11	46	CI around mean	0.00107	0.00220
MW-152	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	11	9	CI around mean	0.00871	0.123
MW-152	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0002	0.0002
MW-152	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0015	0.0782

ATTACHMENT C.
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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-152	PMP	E010	pH (field)	SU	03/22/16 - 07/30/25	39	0	CI around median	6.8/6.9	7.3/8.4
MW-152	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	11	0	CI around mean	0.31	4.14
MW-152	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.00320
MW-152	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	287	228
MW-152	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.002	0.002
MW-152	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	39	0	CB around linear reg	507	3,260
MW-153	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.001	0.00230
MW-153	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/29/25	12	75	CI around median	0.001	0.00578
MW-153	PMP	E010	Barium, total	mg/L	03/15/23 - 07/29/25	12	0	CI around geomean	0.0371	0.261
MW-153	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/29/25	12	83	CI around median	0.0006	0.001
MW-153	PMP	E010	Boron, total	mg/L	03/15/23 - 07/29/25	12	67	CI around median	0.02	2.23
MW-153	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.001	0.001
MW-153	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	15.4	1,370
MW-153	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/29/25	12	50	CI around geomean	0.00164	0.0125
MW-153	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/29/25	12	75	CI around median	0.001	0.00220
MW-153	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/29/25	12	33	CI around mean	0.382	3.36
MW-153	PMP	E010	Lead, total	mg/L	03/15/23 - 07/29/25	12	50	CI around geomean	0.000954	0.00220
MW-153	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/29/25	12	8	CB around T-S line	0.00537	0.123
MW-153	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.0002	0.0002
MW-153	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/29/25	12	92	CI around median	0.0015	0.0782
MW-153	PMP	E010	pH (field)	SU	03/22/16 - 07/29/25	40	0	CB around T-S line	6.7/6.9	7.3/8.4
MW-153	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/29/25	12	0	CI around geomean	0.533	4.14
MW-153	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	0.00213	0.00320
MW-153	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/29/25	12	0	CI around mean	59.4	228
MW-153	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/29/25	12	100	All ND - Last	0.002	0.002
MW-153	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/29/25	40	0	CI around median	370	3,260
MW-252	PMP	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	11	46	CI around geomean	0.00102	0.00230

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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-252	PMP	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	11	73	CI around median	0.001	0.00578
MW-252	PMP	E010	Barium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0243	0.261
MW-252	PMP	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.001
MW-252	PMP	E010	Boron, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.15	2.23
MW-252	PMP	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.001
MW-252	PMP	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	36.2	1,370
MW-252	PMP	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	11	73	CI around median	0.0015	0.0125
MW-252	PMP	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	11	18	CI around mean	0.00117	0.00220
MW-252	PMP	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	11	36	CB around linear reg	0.366	3.36
MW-252	PMP	E010	Lead, total	mg/L	03/15/23 - 07/30/25	11	82	CI around median	0.001	0.00220
MW-252	PMP	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	0.0135	0.123
MW-252	PMP	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.0002	0.0002
MW-252	PMP	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	11	91	CI around median	0.0015	0.0782
MW-252	PMP	E010	pH (field)	SU	03/22/16 - 07/30/25	39	0	CI around median	6.8/6.9	7.3/8.4
MW-252	PMP	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	11	0	CI around median	0.034	4.14
MW-252	PMP	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.001	0.00320
MW-252	PMP	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	11	0	CI around mean	455	228
MW-252	PMP	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	11	100	All ND - Last	0.002	0.002
MW-252	PMP	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	39	0	CB around linear reg	1,140	3,260
MW-253R	PMP	E010	Antimony, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.00230
MW-253R	PMP	E010	Arsenic, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.000198	0.00578
MW-253R	PMP	E010	Barium, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.029	0.261
MW-253R	PMP	E010	Beryllium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.001
MW-253R	PMP	E010	Boron, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.185	2.23
MW-253R	PMP	E010	Cadmium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.001
MW-253R	PMP	E010	Chloride, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	17.7	1,370
MW-253R	PMP	E010	Chromium, total	mg/L	07/18/24 - 07/29/25	6	67	CI around median (Last Sample, n<7)	0.0015	0.0125

ATTACHMENT C.
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-253R	PMP	E010	Cobalt, total	mg/L	07/18/24 - 07/29/25	6	67	CI around median (Last Sample, n<7)	0.001	0.00220
MW-253R	PMP	E010	Fluoride, total	mg/L	07/18/24 - 07/29/25	6	83	CI around median (Last Sample, n<7)	0.5	3.36
MW-253R	PMP	E010	Lead, total	mg/L	07/18/24 - 07/29/25	6	17	CI around mean	0.00127	0.00220
MW-253R	PMP	E010	Lithium, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	0.0148	0.123
MW-253R	PMP	E010	Mercury, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.0002	0.0002
MW-253R	PMP	E010	Molybdenum, total	mg/L	07/18/24 - 07/29/25	6	33	CI around mean	0.00147	0.0782
MW-253R	PMP	E010	pH (field)	SU	07/18/24 - 07/29/25	6	0	CI around mean	6.5/7.0	7.3/8.4
MW-253R	PMP	E010	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/29/25	6	0	CI around mean	0.53	4.14
MW-253R	PMP	E010	Selenium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.001	0.00320
MW-253R	PMP	E010	Sulfate, total	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	451	228
MW-253R	PMP	E010	Thallium, total	mg/L	07/18/24 - 07/29/25	6	100	All ND - Last	0.002	0.002
MW-253R	PMP	E010	Total Dissolved Solids	mg/L	07/18/24 - 07/29/25	6	0	CI around mean	1,080	3,260
MW-350R	UA	E010	Antimony, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.00230
MW-350R	UA	E010	Arsenic, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	0.000724	0.00578
MW-350R	UA	E010	Barium, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.106	0.261
MW-350R	UA	E010	Beryllium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.001
MW-350R	UA	E010	Boron, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.976	2.23
MW-350R	UA	E010	Cadmium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.001
MW-350R	UA	E010	Chloride, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	9.26	1,370
MW-350R	UA	E010	Chromium, total	mg/L	07/18/24 - 07/31/25	5	80	CI around median (Last Sample, n<7)	0.0015	0.0125
MW-350R	UA	E010	Cobalt, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.00220
MW-350R	UA	E010	Fluoride, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	0.499	3.36
MW-350R	UA	E010	Lead, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.00220
MW-350R	UA	E010	Lithium, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	0.0335	0.123
MW-350R	UA	E010	Mercury, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.0002	0.0002
MW-350R	UA	E010	Molybdenum, total	mg/L	07/18/24 - 07/31/25	5	20	CI around mean	-0.00128	0.0782
MW-350R	UA	E010	pH (field)	SU	07/18/24 - 07/31/25	5	0	CI around mean	7.0/7.8	7.3/8.4

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-350R	UA	E010	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 07/31/25	5	0	CI around mean	0.307	4.14
MW-350R	UA	E010	Selenium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.001	0.00320
MW-350R	UA	E010	Sulfate, total	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	-10.6	228
MW-350R	UA	E010	Thallium, total	mg/L	07/18/24 - 07/31/25	5	100	All ND - Last	0.002	0.002
MW-350R	UA	E010	Total Dissolved Solids	mg/L	07/18/24 - 07/31/25	5	0	CI around mean	448	3,260
MW-352	UA	E010	Antimony, total	mg/L	03/15/23 - 07/30/25	12	83	CI around median	0.001	0.00230
MW-352	UA	E010	Arsenic, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.00578
MW-352	UA	E010	Barium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	0.0839	0.261
MW-352	UA	E010	Beryllium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.001
MW-352	UA	E010	Boron, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	1.94	2.23
MW-352	UA	E010	Cadmium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.001
MW-352	UA	E010	Chloride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around mean	546	1,370
MW-352	UA	E010	Chromium, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.0015	0.0125
MW-352	UA	E010	Cobalt, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.00220
MW-352	UA	E010	Fluoride, total	mg/L	03/15/23 - 07/30/25	12	0	CI around median	1.27	3.36
MW-352	UA	E010	Lead, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.001	0.00220
MW-352	UA	E010	Lithium, total	mg/L	03/15/23 - 07/30/25	12	0	CI around geomean	0.0872	0.123
MW-352	UA	E010	Mercury, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.0002	0.0002
MW-352	UA	E010	Molybdenum, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	0.0015	0.0782
MW-352	UA	E010	pH (field)	SU	03/22/16 - 07/30/25	40	0	CB around T-S line	7.3/7.4	7.3/8.4
MW-352	UA	E010	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 07/30/25	12	0	CI around mean	0.708	4.14
MW-352	UA	E010	Selenium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.001	0.00320
MW-352	UA	E010	Sulfate, total	mg/L	03/15/23 - 07/30/25	12	92	CI around median	10	228
MW-352	UA	E010	Thallium, total	mg/L	03/15/23 - 07/30/25	12	100	All ND - Last	0.002	0.002
MW-352	UA	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	40	0	CB around linear reg	1,180	3,260
MW-366	UA	E010	Antimony, total	mg/L	01/20/16 - 07/30/25	29	97	CI around median	0.001	0.00230
MW-366	UA	E010	Arsenic, total	mg/L	01/20/16 - 07/30/25	29	93	CI around median	0.001	0.00578

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-366	UA	E010	Barium, total	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	0.0194	0.261
MW-366	UA	E010	Beryllium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-366	UA	E010	Boron, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	2.27	2.23
MW-366	UA	E010	Cadmium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-366	UA	E010	Chloride, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	52.6	1,370
MW-366	UA	E010	Chromium, total	mg/L	01/20/16 - 07/30/25	29	97	CB around T-S line	0.0015	0.0125
MW-366	UA	E010	Cobalt, total	mg/L	01/20/16 - 07/30/25	27	74	CI around median	0.001	0.00220
MW-366	UA	E010	Fluoride, total	mg/L	01/20/16 - 07/30/25	30	13	CB around linear reg	0.0821	3.36
MW-366	UA	E010	Lead, total	mg/L	01/20/16 - 07/30/25	26	96	CI around median	0.001	0.00220
MW-366	UA	E010	Lithium, total	mg/L	01/20/16 - 07/30/25	29	3	CB around linear reg	0.00281	0.123
MW-366	UA	E010	Mercury, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.0002	0.0002
MW-366	UA	E010	Molybdenum, total	mg/L	01/20/16 - 07/30/25	29	7	CI around mean	0.00276	0.0782
MW-366	UA	E010	pH (field)	SU	01/20/16 - 07/30/25	30	0	CB around linear reg	6.5/6.8	7.3/8.4
MW-366	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/30/25	29	0	CI around geomean	0.404	4.14
MW-366	UA	E010	Selenium, total	mg/L	01/20/16 - 07/30/25	29	97	CI around median	0.001	0.00320
MW-366	UA	E010	Sulfate, total	mg/L	01/20/16 - 07/30/25	30	0	CB around linear reg	718	228
MW-366	UA	E010	Thallium, total	mg/L	01/20/16 - 07/30/25	26	100	All ND - Last	0.002	0.002
MW-366	UA	E010	Total Dissolved Solids	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	1,500	3,260
MW-375	UA	E010	Antimony, total	mg/L	01/20/16 - 07/30/25	29	41	CB around T-S line	0.00047	0.00230
MW-375	UA	E010	Arsenic, total	mg/L	01/20/16 - 07/30/25	29	3	CI around median	0.0014	0.00578
MW-375	UA	E010	Barium, total	mg/L	01/20/16 - 07/30/25	29	0	CI around geomean	0.0245	0.261
MW-375	UA	E010	Beryllium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-375	UA	E010	Boron, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	1.31	2.23
MW-375	UA	E010	Cadmium, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-375	UA	E010	Chloride, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	92.3	1,370
MW-375	UA	E010	Chromium, total	mg/L	01/20/16 - 07/30/25	29	100	All ND - Last	0.0015	0.0125
MW-375	UA	E010	Cobalt, total	mg/L	01/20/16 - 07/30/25	27	96	CI around median	0.001	0.00220

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-375	UA	E010	Fluoride, total	mg/L	01/20/16 - 07/30/25	30	0	CI around mean	2.25	3.36
MW-375	UA	E010	Lead, total	mg/L	01/20/16 - 07/30/25	26	92	CI around median	0.001	0.00220
MW-375	UA	E010	Lithium, total	mg/L	01/20/16 - 07/30/25	29	0	CB around linear reg	0.0695	0.123
MW-375	UA	E010	Mercury, total	mg/L	01/20/16 - 07/30/25	24	100	All ND - Last	0.0002	0.0002
MW-375	UA	E010	Molybdenum, total	mg/L	01/20/16 - 07/30/25	29	0	CI around mean	0.0234	0.0782
MW-375	UA	E010	pH (field)	SU	01/20/16 - 07/30/25	30	0	CB around T-S line	7.6/7.7	7.3/8.4
MW-375	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 07/30/25	29	0	CI around median	0.3	4.14
MW-375	UA	E010	Selenium, total	mg/L	01/20/16 - 07/30/25	29	93	CI around median	0.001	0.00320
MW-375	UA	E010	Sulfate, total	mg/L	01/20/16 - 07/30/25	30	0	CI around geomean	105	228
MW-375	UA	E010	Thallium, total	mg/L	01/20/16 - 07/30/25	26	100	All ND - Last	0.002	0.002
MW-375	UA	E010	Total Dissolved Solids	mg/L	01/20/16 - 07/30/25	30	0	CI around median	916	3,260
MW-377	UA	E010	Antimony, total	mg/L	01/19/16 - 07/31/25	29	97	Most recent sample	0.001	0.00230
MW-377	UA	E010	Arsenic, total	mg/L	01/19/16 - 07/31/25	29	83	CI around median	0.001	0.00578
MW-377	UA	E010	Barium, total	mg/L	01/19/16 - 07/31/25	29	0	CI around mean	0.0602	0.261
MW-377	UA	E010	Beryllium, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.001	0.001
MW-377	UA	E010	Boron, total	mg/L	01/19/16 - 07/31/25	30	0	CI around mean	1.67	2.23
MW-377	UA	E010	Cadmium, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.001	0.001
MW-377	UA	E010	Chloride, total	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	94.2	1,370
MW-377	UA	E010	Chromium, total	mg/L	01/19/16 - 07/31/25	29	97	CB around T-S line	0.0015	0.0125
MW-377	UA	E010	Cobalt, total	mg/L	01/19/16 - 07/31/25	27	96	CI around median	0.001	0.00220
MW-377	UA	E010	Fluoride, total	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	1.17	3.36
MW-377	UA	E010	Lead, total	mg/L	01/19/16 - 07/31/25	26	96	CI around median	0.001	0.00220
MW-377	UA	E010	Lithium, total	mg/L	01/19/16 - 07/31/25	29	0	CB around linear reg	0.0587	0.123
MW-377	UA	E010	Mercury, total	mg/L	01/19/16 - 07/31/25	24	100	All ND - Last	0.0002	0.0002
MW-377	UA	E010	Molybdenum, total	mg/L	01/19/16 - 07/31/25	29	72	CB around T-S line	0.000831	0.0782
MW-377	UA	E010	pH (field)	SU	01/19/16 - 07/31/25	30	0	CI around median	7.1/7.2	7.3/8.4
MW-377	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 07/31/25	29	0	CI around mean	0.456	4.14

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FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-377	UA	E010	Selenium, total	mg/L	01/19/16 - 07/31/25	29	100	All ND - Last	0.001	0.00320
MW-377	UA	E010	Sulfate, total	mg/L	01/19/16 - 07/31/25	30	0	CB around T-S line	33.9	228
MW-377	UA	E010	Thallium, total	mg/L	01/19/16 - 07/31/25	26	100	All ND - Last	0.002	0.002
MW-377	UA	E010	Total Dissolved Solids	mg/L	01/19/16 - 07/31/25	30	0	CB around linear reg	614	3,260
MW-383	UA	E010	Antimony, total	mg/L	01/21/16 - 07/29/25	29	90	CB around T-S line	0.001	0.00230
MW-383	UA	E010	Arsenic, total	mg/L	01/21/16 - 07/29/25	29	83	CI around median	0.001	0.00578
MW-383	UA	E010	Barium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.0462	0.261
MW-383	UA	E010	Beryllium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.001
MW-383	UA	E010	Boron, total	mg/L	01/21/16 - 07/29/25	30	0	CI around geomean	1.35	2.23
MW-383	UA	E010	Cadmium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.001
MW-383	UA	E010	Chloride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	41.7	1,370
MW-383	UA	E010	Chromium, total	mg/L	01/21/16 - 07/29/25	29	93	CB around T-S line	0.0015	0.0125
MW-383	UA	E010	Cobalt, total	mg/L	01/21/16 - 07/29/25	27	100	All ND - Last	0.001	0.00220
MW-383	UA	E010	Fluoride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	0.631	3.36
MW-383	UA	E010	Lead, total	mg/L	01/21/16 - 07/29/25	26	96	CI around median	0.001	0.00220
MW-383	UA	E010	Lithium, total	mg/L	01/21/16 - 07/29/25	29	0	CI around median	0.0354	0.123
MW-383	UA	E010	Mercury, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.0002	0.0002
MW-383	UA	E010	Molybdenum, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.00708	0.0782
MW-383	UA	E010	pH (field)	SU	01/21/16 - 07/29/25	30	0	CB around linear reg	7.4/7.6	7.3/8.4
MW-383	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.256	4.14
MW-383	UA	E010	Selenium, total	mg/L	01/21/16 - 07/29/25	29	97	CI around median	0.001	0.00320
MW-383	UA	E010	Sulfate, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	148	228
MW-383	UA	E010	Thallium, total	mg/L	01/21/16 - 07/29/25	26	100	All ND - Last	0.002	0.002
MW-383	UA	E010	Total Dissolved Solids	mg/L	01/21/16 - 07/29/25	30	0	CI around mean	886	3,260
MW-384	UA	E010	Antimony, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.00230
MW-384	UA	E010	Arsenic, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.00578
MW-384	UA	E010	Barium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around T-S line	0.0387	0.261

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-384	UA	E010	Beryllium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.001
MW-384	UA	E010	Boron, total	mg/L	01/21/16 - 07/29/25	30	0	CI around median	1.44	2.23
MW-384	UA	E010	Cadmium, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.001	0.001
MW-384	UA	E010	Chloride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around T-S line	489	1,370
MW-384	UA	E010	Chromium, total	mg/L	01/21/16 - 07/29/25	29	76	CB around T-S line	0.0015	0.0125
MW-384	UA	E010	Cobalt, total	mg/L	01/21/16 - 07/29/25	27	96	Most recent sample	0.001	0.00220
MW-384	UA	E010	Fluoride, total	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	4.17	3.36
MW-384	UA	E010	Lead, total	mg/L	01/21/16 - 07/29/25	26	96	CI around median	0.001	0.00220
MW-384	UA	E010	Lithium, total	mg/L	01/21/16 - 07/29/25	29	0	CB around linear reg	0.0427	0.123
MW-384	UA	E010	Mercury, total	mg/L	01/21/16 - 07/29/25	24	100	All ND - Last	0.0002	0.0002
MW-384	UA	E010	Molybdenum, total	mg/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.0153	0.0782
MW-384	UA	E010	pH (field)	SU	01/21/16 - 07/29/25	30	0	CI around median	7.8/8.0	7.3/8.4
MW-384	UA	E010	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 07/29/25	29	0	CI around geomean	0.334	4.14
MW-384	UA	E010	Selenium, total	mg/L	01/21/16 - 07/29/25	29	100	All ND - Last	0.001	0.00320
MW-384	UA	E010	Sulfate, total	mg/L	01/21/16 - 07/29/25	30	3	CB around linear reg	-12.4	228
MW-384	UA	E010	Thallium, total	mg/L	01/21/16 - 07/29/25	26	100	All ND - Last	0.002	0.002
MW-384	UA	E010	Total Dissolved Solids	mg/L	01/21/16 - 07/29/25	30	0	CB around linear reg	1,550	3,260
MW-390	UA	E010	Antimony, total	mg/L	03/22/16 - 07/30/25	29	97	CI around median	0.001	0.00230
MW-390	UA	E010	Arsenic, total	mg/L	03/22/16 - 07/30/25	29	14	CI around median	0.0013	0.00578
MW-390	UA	E010	Barium, total	mg/L	03/22/16 - 07/30/25	29	0	CI around mean	0.0482	0.261
MW-390	UA	E010	Beryllium, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-390	UA	E010	Boron, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	0.363	2.23
MW-390	UA	E010	Cadmium, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.001	0.001
MW-390	UA	E010	Chloride, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	64.2	1,370
MW-390	UA	E010	Chromium, total	mg/L	03/22/16 - 07/30/25	29	97	CB around T-S line	0.0015	0.0125
MW-390	UA	E010	Cobalt, total	mg/L	03/22/16 - 07/30/25	27	70	CI around median	0.001	0.00220
MW-390	UA	E010	Fluoride, total	mg/L	03/22/16 - 07/30/25	30	3	CI around median	0.63	3.36

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-390	UA	E010	Lead, total	mg/L	03/22/16 - 07/30/25	26	88	CI around median	0.001	0.00220
MW-390	UA	E010	Lithium, total	mg/L	03/22/16 - 07/30/25	29	3	CI around mean	0.0212	0.123
MW-390	UA	E010	Mercury, total	mg/L	03/22/16 - 07/30/25	24	100	All ND - Last	0.0002	0.0002
MW-390	UA	E010	Molybdenum, total	mg/L	03/22/16 - 07/30/25	29	3	CI around median	0.003	0.0782
MW-390	UA	E010	pH (field)	SU	03/22/16 - 07/30/25	30	0	CB around linear reg	6.8/7.2	7.3/8.4
MW-390	UA	E010	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 07/30/25	29	0	CI around geomean	0.583	4.14
MW-390	UA	E010	Selenium, total	mg/L	03/22/16 - 07/30/25	29	93	CI around median	0.001	0.00320
MW-390	UA	E010	Sulfate, total	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	137	228
MW-390	UA	E010	Thallium, total	mg/L	03/22/16 - 07/30/25	26	100	All ND - Last	0.002	0.002
MW-390	UA	E010	Total Dissolved Solids	mg/L	03/22/16 - 07/30/25	30	0	CI around geomean	693	3,260
MW-391R	UA	E010	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.00230
MW-391R	UA	E010	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00578
MW-391R	UA	E010	Barium, total	mg/L	--	--	--	--	NS ⁷	0.261
MW-391R	UA	E010	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-391R	UA	E010	Boron, total	mg/L	--	--	--	--	NS ⁷	2.23
MW-391R	UA	E010	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-391R	UA	E010	Chloride, total	mg/L	--	--	--	--	NS ⁷	1,370
MW-391R	UA	E010	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.0125
MW-391R	UA	E010	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00220
MW-391R	UA	E010	Fluoride, total	mg/L	--	--	--	--	NS ⁷	3.36
MW-391R	UA	E010	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00220
MW-391R	UA	E010	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.123
MW-391R	UA	E010	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-391R	UA	E010	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.0782
MW-391R	UA	E010	pH (field)	SU	--	--	--	--	NS ⁷	7.3/8.4
MW-391R	UA	E010	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	4.14
MW-391R	UA	E010	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00320

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-391R	UA	E010	Sulfate, total	mg/L	--	--	--	--	NS ⁷	228
MW-391R	UA	E010	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-391R	UA	E010	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	3,260

Notes:
-- = no data available
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value
Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Fly Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:
E010 = Quarter 3, 2025 sampling event
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
UA = Uppermost Aquifer
mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown.
CB around linear reg = Confidence band around linear regression
CB around T-S line = Confidence band around Thiel-Sen line
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
CI around median (Last Sample, n<7) = Data characterization in accordance with the Statistical Analysis Plan indicated that a confidence interval around the median was the most appropriate statistic. However, fewer than seven samples (the minimum required to calculate a CI around the median) were available. Due to insufficient sample size, the result for the most recently collected sample was used.
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
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = 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 = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits of the background determination