

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

July 15, 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 Bottom Ash Pond; IEPA ID # W1578510001-06

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 2, 2025 sampling event at the Baldwin Power Plant Bottom Ash Pond (BAP), identified by Illinois Environmental Protection Agency (IEPA) ID No. W1578510001-06. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical 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).

As allowed in 35 I.A.C. § 845.650(e), Alternative Source Demonstrations (ASDs) were submitted on October 27, 2023 for the exceedances of the GWPS detected during the Quarter 2, 2023 sampling event; and on July 8, 2024 for the exceedance of the GWPS detected during the Quarter 1, 2024 sampling event. The IEPA provided written concurrences with the Quarter 2, 2023 and Quarter 1, 2024 ASDs on November 28, 2023 and August 8, 2024, respectively. Exceedances of chloride, fluoride, and lithium were detected during the Quarter 2, 2025 sampling event in the same monitoring wells identified in the approved Quarter 2, 2023 and Quarter 1, 2024 ASDs; therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

Sincerely,



Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, Bottom Ash Pond, 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 Bottom Ash Pond. 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 2, 2025
BOTTOM ASH POND, BALDWIN POWER PLANT, BALDWIN, ILLINOIS

July 15, 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 May 16, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2, 2025 sampling event.

Following the observation of abnormally high groundwater elevations, background well MW-358 was inspected and one of the well casing joints in MW-358 was observed to be compromised. The Illinois Environmental Protection Agency (IEPA) was notified on September 16, 2024² and MW-358 was abandoned and replaced with MW-358R in October 2024. Updates to the Groundwater Monitoring Plan Revision 1³ will be considered following IEPA review and approval of an operating permit.

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 Plan), constituent concentrations observed at compliance monitoring wells in Quarter 2, 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.

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 Bottom Ash Pond. 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 Luminant, 2024. Re: Baldwin Power Plant Groundwater Well Abandonment and Replacement. September 16, 2024.

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *Groundwater Monitoring Plan Revision 1. Baldwin Power Plant, Bottom Ash Pond, Baldwin, Illinois. Dynegy Midwest Generation, LLC. August 1, 2023.*

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration⁴ (ASD) was submitted on October 27, 2023 for exceedances of the chloride and fluoride GWPS detected during the Quarter 2, 2023 sampling event. The IEPA provided a written concurrence with the Quarter 2, 2023 ASD on November 28, 2023⁵.

An ASD⁶ was also submitted on July 8, 2024 for the exceedance of the lithium GWPS detected during the Quarter 1, 2024 sampling event. The IEPA provided a written concurrence with the Quarter 1, 2024 ASD on August 8, 2024⁷.

Exceedances of chloride and fluoride were detected during the Quarter 2, 2025 sampling event in the same monitoring wells identified in the approved Quarter 2, 2023 ASD. In addition, an exceedance of lithium was detected during the Quarter 2, 2025 sampling event in the same monitoring well identified in the approved Quarter 1, 2024 ASD. Therefore, groundwater monitoring may continue in accordance with 35 I.A.C. § 845.650(e)(5).

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 2, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 2, 2025
Attachment C	Comparison to Background - Quarter 2, 2025

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

⁵ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Phil Morris (Dynegy Midwest Generation, LLC): Re: Baldwin Power Plant Bottom Ash Pond; W1578510001-06, Alternative Source Demonstration (ASD) Submittal.* November 28, 2023.

⁶ Geosyntec Consultants, Inc. (Geosyntec), 2024. *Alternative Source Demonstration. Baldwin Power Plant Bottom Ash Pond, (Unit ID #601), Prepared for Dynegy Midwest Generation, LLC. October 27, 2023.*

⁷ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Phil Morris (Dynegy Midwest Generation, LLC): Re: Baldwin Power Plant Bottom Ash Pond; W1578510001-06, Alternative Source Demonstration (ASD) Submittal.* August 8, 2024.

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	E009	04/14/2025	Antimony, total	0.0004 U	mg/L
MW-304	Background	E009	04/14/2025	Arsenic, total	0.00310	mg/L
MW-304	Background	E009	04/14/2025	Barium, total	0.0192	mg/L
MW-304	Background	E009	04/14/2025	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E009	04/14/2025	Boron, total	1.58	mg/L
MW-304	Background	E009	04/14/2025	Cadmium, total	0.0002 U	mg/L
MW-304	Background	E009	04/14/2025	Calcium, total	10.7	mg/L
MW-304	Background	E009	04/14/2025	Chloride, total	170	mg/L
MW-304	Background	E009	04/14/2025	Chromium, total	0.0015 UJ	mg/L
MW-304	Background	E009	04/14/2025	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E009	04/14/2025	Dissolved Oxygen	0.820	mg/L
MW-304	Background	E009	04/14/2025	Fluoride, total	1.70	mg/L
MW-304	Background	E009	04/14/2025	Lead, total	0.0006 U	mg/L
MW-304	Background	E009	04/14/2025	Lithium, total	0.0726	mg/L
MW-304	Background	E009	04/14/2025	Mercury, total	0.00006 U	mg/L
MW-304	Background	E009	04/14/2025	Molybdenum, total	0.0006 U	mg/L
MW-304	Background	E009	04/14/2025	Oxidation Reduction Potential	65.0	mV
MW-304	Background	E009	04/14/2025	pH (field)	7.7	SU
MW-304	Background	E009	04/14/2025	Radium 226 + Radium 228, total	0.196	pCi/L
MW-304	Background	E009	04/14/2025	Selenium, total	0.0006 U	mg/L
MW-304	Background	E009	04/14/2025	Specific Conductance @ 25C (field)	4,160	micromhos/cm
MW-304	Background	E009	04/14/2025	Sulfate, total	191	mg/L
MW-304	Background	E009	04/14/2025	Temperature	15.1	degrees C
MW-304	Background	E009	04/14/2025	Thallium, total	0.001 U	mg/L
MW-304	Background	E009	04/14/2025	Total Dissolved Solids	1,450 J	mg/L
MW-304	Background	E009	04/14/2025	Turbidity, field	3.20	NTU
MW-358R	Background	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-358R	Background	E009	04/15/2025	Arsenic, total	0.00180	mg/L
MW-358R	Background	E009	04/15/2025	Barium, total	0.107	mg/L
MW-358R	Background	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-358R	Background	E009	04/15/2025	Boron, total	1.71	mg/L
MW-358R	Background	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-358R	Background	E009	04/15/2025	Calcium, total	23.9	mg/L
MW-358R	Background	E009	04/15/2025	Chloride, total	1,360	mg/L
MW-358R	Background	E009	04/15/2025	Chromium, total	0.00220 J+	mg/L
MW-358R	Background	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-358R	Background	E009	04/15/2025	Dissolved Oxygen	0.390	mg/L
MW-358R	Background	E009	04/15/2025	Fluoride, total	1.93	mg/L
MW-358R	Background	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-358R	Background	E009	04/15/2025	Lithium, total	0.00580	mg/L
MW-358R	Background	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-358R	Background	E009	04/15/2025	Molybdenum, total	0.0186	mg/L
MW-358R	Background	E009	04/15/2025	Oxidation Reduction Potential	-123	mV
MW-358R	Background	E009	04/15/2025	pH (field)	7.3	SU
MW-358R	Background	E009	04/15/2025	Radium 226 + Radium 228, total	0.966	pCi/L
MW-358R	Background	E009	04/15/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-358R	Background	E009	04/15/2025	Specific Conductance @ 25C (field)	5,240	micromhos/cm
MW-358R	Background	E009	04/15/2025	Sulfate, total	4.9 J	mg/L
MW-358R	Background	E009	04/15/2025	Temperature	14.6	degrees C
MW-358R	Background	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-358R	Background	E009	04/15/2025	Total Dissolved Solids	2,950 J	mg/L
MW-358R	Background	E009	04/15/2025	Turbidity, field	30.0	NTU
MW-192	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-192	Compliance	E009	04/15/2025	Arsenic, total	0.00130	mg/L
MW-192	Compliance	E009	04/15/2025	Barium, total	0.0892	mg/L
MW-192	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-192	Compliance	E009	04/15/2025	Boron, total	0.025 UJ	mg/L
MW-192	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-192	Compliance	E009	04/15/2025	Calcium, total	69.3	mg/L
MW-192	Compliance	E009	04/15/2025	Chloride, total	19.9	mg/L
MW-192	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-192	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-192	Compliance	E009	04/15/2025	Dissolved Oxygen	0.870	mg/L
MW-192	Compliance	E009	04/15/2025	Fluoride, total	0.33 J	mg/L
MW-192	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-192	Compliance	E009	04/15/2025	Lithium, total	0.00330	mg/L
MW-192	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-192	Compliance	E009	04/15/2025	Molybdenum, total	0.00190	mg/L
MW-192	Compliance	E009	04/15/2025	Oxidation Reduction Potential	32.0	mV
MW-192	Compliance	E009	04/15/2025	pH (field)	6.7	SU
MW-192	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.211	pCi/L
MW-192	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-192	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	732	micromhos/cm
MW-192	Compliance	E009	04/15/2025	Sulfate, total	15.6	mg/L
MW-192	Compliance	E009	04/15/2025	Temperature	15.4	degrees C
MW-192	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-192	Compliance	E009	04/15/2025	Total Dissolved Solids	410 J	mg/L
MW-192	Compliance	E009	04/15/2025	Turbidity, field	14.0	NTU
MW-193	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-193	Compliance	E009	04/15/2025	Arsenic, total	0.0006 J	mg/L
MW-193	Compliance	E009	04/15/2025	Barium, total	0.0736	mg/L
MW-193	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-193	Compliance	E009	04/15/2025	Boron, total	0.0673 J+	mg/L
MW-193	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-193	Compliance	E009	04/15/2025	Calcium, total	83.8	mg/L
MW-193	Compliance	E009	04/15/2025	Chloride, total	28.6	mg/L
MW-193	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-193	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-193	Compliance	E009	04/15/2025	Dissolved Oxygen	0.670	mg/L
MW-193	Compliance	E009	04/15/2025	Fluoride, total	0.16 J	mg/L
MW-193	Compliance	E009	04/15/2025	Lead, total	0.00130	mg/L
MW-193	Compliance	E009	04/15/2025	Lithium, total	0.00610	mg/L

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BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-193	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-193	Compliance	E009	04/15/2025	Molybdenum, total	0.0008 J	mg/L
MW-193	Compliance	E009	04/15/2025	Oxidation Reduction Potential	36.0	mV
MW-193	Compliance	E009	04/15/2025	pH (field)	6.7	SU
MW-193	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.574	pCi/L
MW-193	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-193	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	962	micromhos/cm
MW-193	Compliance	E009	04/15/2025	Sulfate, total	150	mg/L
MW-193	Compliance	E009	04/15/2025	Temperature	16.0	degrees C
MW-193	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-193	Compliance	E009	04/15/2025	Total Dissolved Solids	570 J	mg/L
MW-193	Compliance	E009	04/15/2025	Turbidity, field	4.90	NTU
MW-356	Compliance	E009	04/15/2025	Antimony, total	0.0005 J	mg/L
MW-356	Compliance	E009	04/15/2025	Arsenic, total	0.0005 J	mg/L
MW-356	Compliance	E009	04/15/2025	Barium, total	0.0308	mg/L
MW-356	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-356	Compliance	E009	04/15/2025	Boron, total	2.21	mg/L
MW-356	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-356	Compliance	E009	04/15/2025	Calcium, total	11.7	mg/L
MW-356	Compliance	E009	04/15/2025	Chloride, total	27.4	mg/L
MW-356	Compliance	E009	04/15/2025	Chromium, total	0.0007 U	mg/L
MW-356	Compliance	E009	04/15/2025	Cobalt, total	0.0001 U	mg/L
MW-356	Compliance	E009	04/15/2025	Dissolved Oxygen	0.790	mg/L
MW-356	Compliance	E009	04/15/2025	Fluoride, total	2.02	mg/L
MW-356	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-356	Compliance	E009	04/15/2025	Lithium, total	0.0606	mg/L
MW-356	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-356	Compliance	E009	04/15/2025	Molybdenum, total	0.00200	mg/L
MW-356	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-2.00	mV
MW-356	Compliance	E009	04/15/2025	pH (field)	7.5	SU
MW-356	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	1	pCi/L
MW-356	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-356	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,080	micromhos/cm
MW-356	Compliance	E009	04/15/2025	Sulfate, total	38.5	mg/L
MW-356	Compliance	E009	04/15/2025	Temperature	14.2	degrees C
MW-356	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-356	Compliance	E009	04/15/2025	Total Dissolved Solids	738 J	mg/L
MW-356	Compliance	E009	04/15/2025	Turbidity, field	3.50	NTU
MW-369	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-369	Compliance	E009	04/15/2025	Arsenic, total	0.0100	mg/L
MW-369	Compliance	E009	04/15/2025	Barium, total	0.0159	mg/L
MW-369	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-369	Compliance	E009	04/15/2025	Boron, total	0.731	mg/L
MW-369	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-369	Compliance	E009	04/15/2025	Calcium, total	14.0	mg/L
MW-369	Compliance	E009	04/15/2025	Chloride, total	69.2	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-369	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-369	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-369	Compliance	E009	04/15/2025	Dissolved Oxygen	0.220	mg/L
MW-369	Compliance	E009	04/15/2025	Fluoride, total	0.560	mg/L
MW-369	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-369	Compliance	E009	04/15/2025	Lithium, total	0.0391	mg/L
MW-369	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-369	Compliance	E009	04/15/2025	Molybdenum, total	0.00320	mg/L
MW-369	Compliance	E009	04/15/2025	Oxidation Reduction Potential	71.0	mV
MW-369	Compliance	E009	04/15/2025	pH (field)	8.3	SU
MW-369	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.974	pCi/L
MW-369	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-369	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	2,130	micromhos/cm
MW-369	Compliance	E009	04/15/2025	Sulfate, total	102	mg/L
MW-369	Compliance	E009	04/15/2025	Temperature	14.6	degrees C
MW-369	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-369	Compliance	E009	04/15/2025	Total Dissolved Solids	940 J	mg/L
MW-369	Compliance	E009	04/15/2025	Turbidity, field	4.00	NTU
MW-370	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-370	Compliance	E009	04/15/2025	Arsenic, total	0.00100 J	mg/L
MW-370	Compliance	E009	04/15/2025	Barium, total	0.0386	mg/L
MW-370	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-370	Compliance	E009	04/15/2025	Boron, total	1.73	mg/L
MW-370	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-370	Compliance	E009	04/15/2025	Calcium, total	44.6	mg/L
MW-370	Compliance	E009	04/15/2025	Chloride, total	1,400	mg/L
MW-370	Compliance	E009	04/15/2025	Chromium, total	0.00240 J+	mg/L
MW-370	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-370	Compliance	E009	04/15/2025	Dissolved Oxygen	0.270	mg/L
MW-370	Compliance	E009	04/15/2025	Fluoride, total	3.05	mg/L
MW-370	Compliance	E009	04/15/2025	Lead, total	0.00100 J	mg/L
MW-370	Compliance	E009	04/15/2025	Lithium, total	0.125	mg/L
MW-370	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-370	Compliance	E009	04/15/2025	Molybdenum, total	0.00550	mg/L
MW-370	Compliance	E009	04/15/2025	Oxidation Reduction Potential	103	mV
MW-370	Compliance	E009	04/15/2025	pH (field)	7.4	SU
MW-370	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.958	pCi/L
MW-370	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-370	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	5,690	micromhos/cm
MW-370	Compliance	E009	04/15/2025	Sulfate, total	252	mg/L
MW-370	Compliance	E009	04/15/2025	Temperature	15.5	degrees C
MW-370	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-370	Compliance	E009	04/15/2025	Total Dissolved Solids	3,030 J	mg/L
MW-370	Compliance	E009	04/15/2025	Turbidity, field	7.60	NTU
MW-382	Compliance	E009	04/15/2025	Antimony, total	0.0007 J	mg/L
MW-382	Compliance	E009	04/15/2025	Arsenic, total	0.00370	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-382	Compliance	E009	04/15/2025	Barium, total	0.0624	mg/L
MW-382	Compliance	E009	04/15/2025	Beryllium, total	0.0005 J	mg/L
MW-382	Compliance	E009	04/15/2025	Boron, total	0.350	mg/L
MW-382	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-382	Compliance	E009	04/15/2025	Calcium, total	61.8	mg/L
MW-382	Compliance	E009	04/15/2025	Chloride, total	5.91	mg/L
MW-382	Compliance	E009	04/15/2025	Chromium, total	0.0113	mg/L
MW-382	Compliance	E009	04/15/2025	Cobalt, total	0.00440	mg/L
MW-382	Compliance	E009	04/15/2025	Dissolved Oxygen	4.26	mg/L
MW-382	Compliance	E009	04/15/2025	Fluoride, total	0.750	mg/L
MW-382	Compliance	E009	04/15/2025	Lead, total	0.00570	mg/L
MW-382	Compliance	E009	04/15/2025	Lithium, total	0.0172	mg/L
MW-382	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-382	Compliance	E009	04/15/2025	Molybdenum, total	0.00540	mg/L
MW-382	Compliance	E009	04/15/2025	Oxidation Reduction Potential	51.0	mV
MW-382	Compliance	E009	04/15/2025	pH (field)	7.0	SU
MW-382	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	1.2	pCi/L
MW-382	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-382	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	582	micromhos/cm
MW-382	Compliance	E009	04/15/2025	Sulfate, total	56.1	mg/L
MW-382	Compliance	E009	04/15/2025	Temperature	15.2	degrees C
MW-382	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-382	Compliance	E009	04/15/2025	Total Dissolved Solids	450 J	mg/L
MW-382	Compliance	E009	04/15/2025	Turbidity, field	130	NTU
MW-392	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-392	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-392	Compliance	E009	04/15/2025	Barium, total	0.0369	mg/L
MW-392	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-392	Compliance	E009	04/15/2025	Boron, total	1.92	mg/L
MW-392	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-392	Compliance	E009	04/15/2025	Calcium, total	24.4	mg/L
MW-392	Compliance	E009	04/15/2025	Chloride, total	942	mg/L
MW-392	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-392	Compliance	E009	04/15/2025	Cobalt, total	0.0001 U	mg/L
MW-392	Compliance	E009	04/15/2025	Dissolved Oxygen	1.57	mg/L
MW-392	Compliance	E009	04/15/2025	Fluoride, total	4.16	mg/L
MW-392	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-392	Compliance	E009	04/15/2025	Lithium, total	0.0771	mg/L
MW-392	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-392	Compliance	E009	04/15/2025	Molybdenum, total	0.0006 U	mg/L
MW-392	Compliance	E009	04/15/2025	Oxidation Reduction Potential	10.0	mV
MW-392	Compliance	E009	04/15/2025	pH (field)	7.6	SU
MW-392	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.144	pCi/L
MW-392	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-392	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	3,510	micromhos/cm
MW-392	Compliance	E009	04/15/2025	Sulfate, total	50.8	mg/L

TABLE 1.
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BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-392	Compliance	E009	04/15/2025	Temperature	15.5	degrees C
MW-392	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-392	Compliance	E009	04/15/2025	Total Dissolved Solids	1,950 J	mg/L
MW-392	Compliance	E009	04/15/2025	Turbidity, field	4.90	NTU
MW-393	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-393	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-393	Compliance	E009	04/15/2025	Barium, total	0.0346	mg/L
MW-393	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-393	Compliance	E009	04/15/2025	Boron, total	1.64	mg/L
MW-393	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-393	Compliance	E009	04/15/2025	Calcium, total	5.38	mg/L
MW-393	Compliance	E009	04/15/2025	Chloride, total	847	mg/L
MW-393	Compliance	E009	04/15/2025	Chromium, total	0.0007 U	mg/L
MW-393	Compliance	E009	04/15/2025	Cobalt, total	0.0001 U	mg/L
MW-393	Compliance	E009	04/15/2025	Dissolved Oxygen	0.770	mg/L
MW-393	Compliance	E009	04/15/2025	Fluoride, total	10.1	mg/L
MW-393	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-393	Compliance	E009	04/15/2025	Lithium, total	0.0760	mg/L
MW-393	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-393	Compliance	E009	04/15/2025	Molybdenum, total	0.0006 U	mg/L
MW-393	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-40.0	mV
MW-393	Compliance	E009	04/15/2025	pH (field)	8.1	SU
MW-393	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.552	pCi/L
MW-393	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-393	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	4,240	micromhos/cm
MW-393	Compliance	E009	04/15/2025	Sulfate, total	154	mg/L
MW-393	Compliance	E009	04/15/2025	Temperature	15.5	degrees C
MW-393	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-393	Compliance	E009	04/15/2025	Total Dissolved Solids	2,410 J	mg/L
MW-393	Compliance	E009	04/15/2025	Turbidity, field	15.0	NTU
MW-394	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-394	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-394	Compliance	E009	04/15/2025	Barium, total	0.0179	mg/L
MW-394	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-394	Compliance	E009	04/15/2025	Boron, total	1.57	mg/L
MW-394	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-394	Compliance	E009	04/15/2025	Calcium, total	9.65	mg/L
MW-394	Compliance	E009	04/15/2025	Chloride, total	788	mg/L
MW-394	Compliance	E009	04/15/2025	Chromium, total	0.0007 U	mg/L
MW-394	Compliance	E009	04/15/2025	Cobalt, total	0.0001 U	mg/L
MW-394	Compliance	E009	04/15/2025	Dissolved Oxygen	0.930	mg/L
MW-394	Compliance	E009	04/15/2025	Fluoride, total	4.75	mg/L
MW-394	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-394	Compliance	E009	04/15/2025	Lithium, total	0.0583	mg/L
MW-394	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-394	Compliance	E009	04/15/2025	Molybdenum, total	0.001 J	mg/L

TABLE 1.
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BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-394	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-39.0	mV
MW-394	Compliance	E009	04/15/2025	pH (field)	7.8	SU
MW-394	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.598	pCi/L
MW-394	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-394	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	3,930	micromhos/cm
MW-394	Compliance	E009	04/15/2025	Sulfate, total	239	mg/L
MW-394	Compliance	E009	04/15/2025	Temperature	15.3	degrees C
MW-394	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-394	Compliance	E009	04/15/2025	Total Dissolved Solids	2,340 J	mg/L
MW-394	Compliance	E009	04/15/2025	Turbidity, field	16.0	NTU
OW-256	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
OW-256	Compliance	E009	04/15/2025	Arsenic, total	0.0008 J	mg/L
OW-256	Compliance	E009	04/15/2025	Barium, total	0.0963	mg/L
OW-256	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
OW-256	Compliance	E009	04/15/2025	Boron, total	0.193	mg/L
OW-256	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
OW-256	Compliance	E009	04/15/2025	Calcium, total	83.2	mg/L
OW-256	Compliance	E009	04/15/2025	Chloride, total	50.0	mg/L
OW-256	Compliance	E009	04/15/2025	Chromium, total	0.0007 U	mg/L
OW-256	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
OW-256	Compliance	E009	04/15/2025	Dissolved Oxygen	1.34	mg/L
OW-256	Compliance	E009	04/15/2025	Fluoride, total	0.15 J	mg/L
OW-256	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
OW-256	Compliance	E009	04/15/2025	Lithium, total	0.00790	mg/L
OW-256	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
OW-256	Compliance	E009	04/15/2025	Molybdenum, total	0.0008 J	mg/L
OW-256	Compliance	E009	04/15/2025	Oxidation Reduction Potential	85.0	mV
OW-256	Compliance	E009	04/15/2025	pH (field)	6.7	SU
OW-256	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.335	pCi/L
OW-256	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
OW-256	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	827	micromhos/cm
OW-256	Compliance	E009	04/15/2025	Sulfate, total	67.3	mg/L
OW-256	Compliance	E009	04/15/2025	Temperature	15.0	degrees C
OW-256	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
OW-256	Compliance	E009	04/15/2025	Total Dissolved Solids	552 J	mg/L
OW-256	Compliance	E009	04/15/2025	Turbidity, field	1.20	NTU
OW-257	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
OW-257	Compliance	E009	04/15/2025	Arsenic, total	0.00120	mg/L
OW-257	Compliance	E009	04/15/2025	Barium, total	0.0817	mg/L
OW-257	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
OW-257	Compliance	E009	04/15/2025	Boron, total	0.536	mg/L
OW-257	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
OW-257	Compliance	E009	04/15/2025	Calcium, total	108	mg/L
OW-257	Compliance	E009	04/15/2025	Chloride, total	6.63	mg/L
OW-257	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
OW-257	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
OW-257	Compliance	E009	04/15/2025	Dissolved Oxygen	3.68	mg/L
OW-257	Compliance	E009	04/15/2025	Fluoride, total	0.27 J	mg/L
OW-257	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
OW-257	Compliance	E009	04/15/2025	Lithium, total	0.0328	mg/L
OW-257	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
OW-257	Compliance	E009	04/15/2025	Molybdenum, total	0.00260	mg/L
OW-257	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-53.0	mV
OW-257	Compliance	E009	04/15/2025	pH (field)	7.1	SU
OW-257	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.198	pCi/L
OW-257	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
OW-257	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,100	micromhos/cm
OW-257	Compliance	E009	04/15/2025	Sulfate, total	98.4	mg/L
OW-257	Compliance	E009	04/15/2025	Temperature	15.1	degrees C
OW-257	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
OW-257	Compliance	E009	04/15/2025	Total Dissolved Solids	662 J	mg/L
OW-257	Compliance	E009	04/15/2025	Turbidity, field	12.0	NTU
PZ-170	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Arsenic, total	0.00110	mg/L
PZ-170	Compliance	E009	04/15/2025	Barium, total	0.0729	mg/L
PZ-170	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Boron, total	0.330	mg/L
PZ-170	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Calcium, total	200	mg/L
PZ-170	Compliance	E009	04/15/2025	Chloride, total	79.6	mg/L
PZ-170	Compliance	E009	04/15/2025	Chromium, total	0.0007 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Cobalt, total	0.00100 J	mg/L
PZ-170	Compliance	E009	04/15/2025	Dissolved Oxygen	1.03	mg/L
PZ-170	Compliance	E009	04/15/2025	Fluoride, total	0.04 J	mg/L
PZ-170	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Lithium, total	0.0397	mg/L
PZ-170	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Molybdenum, total	0.0006 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Oxidation Reduction Potential	-103	mV
PZ-170	Compliance	E009	04/15/2025	pH (field)	6.5	SU
PZ-170	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.592	pCi/L
PZ-170	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,630	micromhos/cm
PZ-170	Compliance	E009	04/15/2025	Sulfate, total	246	mg/L
PZ-170	Compliance	E009	04/15/2025	Temperature	16.0	degrees C
PZ-170	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
PZ-170	Compliance	E009	04/15/2025	Total Dissolved Solids	1,120 J	mg/L
PZ-170	Compliance	E009	04/15/2025	Turbidity, field	2.40	NTU
PZ-182	Compliance	E009	04/16/2025	Antimony, total	0.0004 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Arsenic, total	0.0005 J	mg/L
PZ-182	Compliance	E009	04/16/2025	Barium, total	0.0642	mg/L
PZ-182	Compliance	E009	04/16/2025	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025

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BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
PZ-182	Compliance	E009	04/16/2025	Boron, total	0.845	mg/L
PZ-182	Compliance	E009	04/16/2025	Cadmium, total	0.0002 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Calcium, total	154	mg/L
PZ-182	Compliance	E009	04/16/2025	Chloride, total	26.7	mg/L
PZ-182	Compliance	E009	04/16/2025	Chromium, total	0.0015 UJ	mg/L
PZ-182	Compliance	E009	04/16/2025	Cobalt, total	0.001 UJ	mg/L
PZ-182	Compliance	E009	04/16/2025	Dissolved Oxygen	1.39	mg/L
PZ-182	Compliance	E009	04/16/2025	Fluoride, total	0.08 J	mg/L
PZ-182	Compliance	E009	04/16/2025	Lead, total	0.0006 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Lithium, total	0.0176	mg/L
PZ-182	Compliance	E009	04/16/2025	Mercury, total	0.00006 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Molybdenum, total	0.0006 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-110	mV
PZ-182	Compliance	E009	04/16/2025	pH (field)	6.4	SU
PZ-182	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.756	pCi/L
PZ-182	Compliance	E009	04/16/2025	Selenium, total	0.0006 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	1,350	micromhos/cm
PZ-182	Compliance	E009	04/16/2025	Sulfate, total	202	mg/L
PZ-182	Compliance	E009	04/16/2025	Temperature	15.9	degrees C
PZ-182	Compliance	E009	04/16/2025	Thallium, total	0.001 U	mg/L
PZ-182	Compliance	E009	04/16/2025	Total Dissolved Solids	936 J	mg/L
PZ-182	Compliance	E009	04/16/2025	Turbidity, field	1.00	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E009 = Quarter 2, 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.
- NR² = A sample was collected, but the sample was not collected in accordance with the Sampling and Analysis Plan.
- 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 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-192	UU	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.006	Standard	No Exceedance
MW-192	UU	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	44	CI around geomean	0.00118	0.010	Standard	No Exceedance
MW-192	UU	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0885	2.0	Standard	No Exceedance
MW-192	UU	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-192	UU	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	12	CI around mean	0.0274	2.23	Background	No Exceedance
MW-192	UU	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-192	UU	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	10.4	1,370	Background	No Exceedance
MW-192	UU	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.1	Standard	No Exceedance
MW-192	UU	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	50	CI around median	0.001	0.006	Standard	No Exceedance
MW-192	UU	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	19	CB around linear reg	0.457	4.0	Standard	No Exceedance
MW-192	UU	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.0075	Standard	No Exceedance
MW-192	UU	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	6	CB around linear reg	-0.0216	0.123	Background	No Exceedance
MW-192	UU	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-192	UU	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	19	CB around T-S line	-0.00326	0.1	Standard	No Exceedance
MW-192	UU	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-192	UU	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.31	5	Standard	No Exceedance
MW-192	UU	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-192	UU	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	-7.62	400	Standard	No Exceedance
MW-192	UU	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-192	UU	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around T-S line	88.1	3,260	Background	No Exceedance
MW-193	UU	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	94	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-193	UU	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	38	CB around T-S line	-0.00191	0.010	Standard	No Exceedance
MW-193	UU	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	0.0736	2.0	Standard	No Exceedance
MW-193	UU	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-193	UU	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	6	CI around mean	0.0414	2.23	Background	No Exceedance
MW-193	UU	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-193	UU	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	27.6	1,370	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-193	UU	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	88	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-193	UU	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	19	CI around median	0.25	4.0	Standard	No Exceedance
MW-193	UU	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-193	UU	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	12	CI around mean	0.00419	0.123	Background	No Exceedance
MW-193	UU	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-193	UU	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.1	Standard	No Exceedance
MW-193	UU	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-193	UU	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.485	5	Standard	No Exceedance
MW-193	UU	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-193	UU	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	152	400	Standard	No Exceedance
MW-193	UU	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-193	UU	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	553	3,260	Background	No Exceedance
MW-356	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	31	87	CI around median	0.001	0.006	Standard	No Exceedance
MW-356	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	34	85	CI around median	0.001	0.010	Standard	No Exceedance
MW-356	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around median	0.0299	2.0	Standard	No Exceedance
MW-356	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-356	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	35	0	CI around median	1.94	2.23	Background	No Exceedance
MW-356	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-356	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	26.7	1,370	Background	No Exceedance
MW-356	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	33	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-356	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	32	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-356	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	1.99	4.0	Standard	No Exceedance
MW-356	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	32	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-356	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around median	0.0523	0.123	Background	No Exceedance
MW-356	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-356	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	34	59	CI around median	0.0015	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-356	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	35	0	CI around median	7.7/7.8	6.5/9.0	Standard/Standard	No Exceedance
MW-356	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	34	0	CI around median	0.146	5	Standard	No Exceedance
MW-356	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	31	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-356	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	40.5	400	Standard	No Exceedance
MW-356	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-356	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	34	0	CI around mean	661	3,260	Background	No Exceedance
MW-369	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	25	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-369	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	28	11	CI around geomean	0.00156	0.010	Standard	No Exceedance
MW-369	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	28	0	CB around T-S line	0.0657	2.0	Standard	No Exceedance
MW-369	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-369	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	29	0	CB around linear reg	-0.201	2.23	Background	No Exceedance
MW-369	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-369	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	37.7	1,370	Background	No Exceedance
MW-369	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	27	85	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-369	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	26	69	CI around median	0.001	0.006	Standard	No Exceedance
MW-369	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	-0.152	4.0	Standard	No Exceedance
MW-369	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	26	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-369	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	28	4	CI around mean	0.0206	0.123	Background	No Exceedance
MW-369	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-369	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	28	4	CB around T-S line	-0.00718	0.1	Standard	No Exceedance
MW-369	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	29	0	CI around median	7.3/8.3	6.5/9.0	Standard/Standard	No Exceedance
MW-369	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	28	0	CI around mean	0.488	5	Standard	No Exceedance
MW-369	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	25	72	CB around T-S line	-0.00626	0.05	Standard	No Exceedance
MW-369	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	-14.3	400	Standard	No Exceedance
MW-369	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-369	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	29	0	CI around median	754	3,260	Background	No Exceedance
MW-370	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	31	77	CB around T-S line	0.00051	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-370	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	34	62	CB around T-S line	0.000287	0.010	Standard	No Exceedance
MW-370	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	34	0	CB around linear reg	0.0266	2.0	Standard	No Exceedance
MW-370	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-370	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	35	0	CI around median	1.77	2.23	Background	No Exceedance
MW-370	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-370	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	1,410	1,370	Background	Exceedance
MW-370	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	33	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-370	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	32	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-370	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	3.04	4.0	Standard	No Exceedance
MW-370	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	32	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-370	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around geomean	0.132	0.123	Background	Exceedance
MW-370	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-370	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	34	3	CB around T-S line	0.00166	0.1	Standard	No Exceedance
MW-370	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	35	0	CB around T-S line	7.3/7.5	6.5/9.0	Standard/Standard	No Exceedance
MW-370	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	34	0	CI around geomean	0.594	5	Standard	No Exceedance
MW-370	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	31	97	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-370	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	35	0	CI around mean	249	400	Standard	No Exceedance
MW-370	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-370	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	3,000	3,260	Background	No Exceedance
MW-382	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	25	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-382	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	28	18	CI around median	0.0012	0.010	Standard	No Exceedance
MW-382	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	28	0	CI around geomean	0.0184	2.0	Standard	No Exceedance
MW-382	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	23	96	CI around median	0.001	0.004	Standard	No Exceedance
MW-382	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	1.71	2.23	Background	No Exceedance
MW-382	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-382	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	34	1,370	Background	No Exceedance
MW-382	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	27	7	CB around linear reg	0.00897	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-382	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	26	54	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-382	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	2.77	4.0	Standard	No Exceedance
MW-382	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	26	46	CB around linear reg	0.00271	0.0075	Standard	No Exceedance
MW-382	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	28	0	CI around median	0.0573	0.123	Background	No Exceedance
MW-382	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-382	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	28	21	CB around T-S line	0.00208	0.1	Standard	No Exceedance
MW-382	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	29	0	CI around median	7.7/7.8	6.5/9.0	Standard/Standard	No Exceedance
MW-382	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	28	0	CB around T-S line	0.61	5	Standard	No Exceedance
MW-382	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	25	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-382	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	321	400	Standard	No Exceedance
MW-382	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-382	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	29	0	CI around median	1,120	3,260	Background	No Exceedance
MW-392	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.001	0.010	Standard	No Exceedance
MW-392	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0379	2.0	Standard	No Exceedance
MW-392	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-392	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around geomean	1.76	2.23	Background	No Exceedance
MW-392	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-392	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	834	1,370	Background	No Exceedance
MW-392	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	56	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-392	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	3.8	4.0	Standard	No Exceedance
MW-392	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-392	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0666	0.123	Background	No Exceedance
MW-392	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-392	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.1	Standard	No Exceedance
MW-392	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	17	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-392	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.372	5	Standard	No Exceedance
MW-392	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-392	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	50	400	Standard	No Exceedance
MW-392	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-392	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	1,770	3,260	Background	No Exceedance
MW-393	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.010	Standard	No Exceedance
MW-393	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.028	2.0	Standard	No Exceedance
MW-393	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-393	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	1.63	2.23	Background	No Exceedance
MW-393	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-393	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	800	1,370	Background	No Exceedance
MW-393	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.1	Standard	No Exceedance
MW-393	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-393	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	9	4.0	Standard	Exceedance
MW-393	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-393	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0635	0.123	Background	No Exceedance
MW-393	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-393	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	69	CB around T-S line	-0.00943	0.1	Standard	No Exceedance
MW-393	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	17	0	CI around mean	8.0/8.3	6.5/9.0	Standard/Standard	No Exceedance
MW-393	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.235	5	Standard	No Exceedance
MW-393	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-393	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	83.6	400	Standard	No Exceedance
MW-393	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-393	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around T-S line	2,500	3,260	Background	No Exceedance
MW-394	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	75	CB around T-S line	-0.00119	0.006	Standard	No Exceedance
MW-394	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	62	CI around median	0.001	0.010	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-394	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0242	2.0	Standard	No Exceedance
MW-394	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-394	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	1.64	2.23	Background	No Exceedance
MW-394	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-394	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	558	1,370	Background	No Exceedance
MW-394	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.0015	0.1	Standard	No Exceedance
MW-394	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.006	Standard	No Exceedance
MW-394	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	3.69	4.0	Standard	No Exceedance
MW-394	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.0075	Standard	No Exceedance
MW-394	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0561	0.123	Background	No Exceedance
MW-394	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-394	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	50	CB around linear reg	-0.00542	0.1	Standard	No Exceedance
MW-394	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	7.8/8.0	6.5/9.0	Standard/Standard	No Exceedance
MW-394	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.425	5	Standard	No Exceedance
MW-394	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	94	Most recent sample	0.001	0.05	Standard	No Exceedance
MW-394	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	164	400	Standard	No Exceedance
MW-394	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-394	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	1,910	3,260	Background	No Exceedance
OW-256	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
OW-256	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	10	40	CI around median	0.001	0.010	Standard	No Exceedance
OW-256	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.0813	2.0	Standard	No Exceedance
OW-256	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
OW-256	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.178	2.23	Background	No Exceedance
OW-256	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
OW-256	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	51.1	1,370	Background	No Exceedance
OW-256	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	10	80	CI around median	0.0015	0.1	Standard	No Exceedance
OW-256	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	10	60	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
OW-256	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	10	30	CB around linear reg	0.357	4.0	Standard	No Exceedance
OW-256	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.0075	Standard	No Exceedance
OW-256	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	10	10	CI around mean	0.00551	0.123	Background	No Exceedance
OW-256	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
OW-256	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
OW-256	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
OW-256	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CB around linear reg	-0.0789	5	Standard	No Exceedance
OW-256	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
OW-256	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	64.7	400	Standard	No Exceedance
OW-256	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
OW-256	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	490	3,260	Background	No Exceedance
OW-257	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	10	60	CI around median	0.001	0.006	Standard	No Exceedance
OW-257	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	10	10	CB around T-S line	-0.129	0.010	Standard	No Exceedance
OW-257	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	10	0	CB around T-S line	-1.02	2.0	Standard	No Exceedance
OW-257	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.004	Standard	No Exceedance
OW-257	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.483	2.23	Background	No Exceedance
OW-257	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.005	Standard	No Exceedance
OW-257	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	6.83	1,370	Background	No Exceedance
OW-257	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	10	50	CI around median	0.0015	0.1	Standard	No Exceedance
OW-257	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	10	30	CI around median	0.001	0.006	Standard	No Exceedance
OW-257	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	10	30	CB around linear reg	0.43	4.0	Standard	No Exceedance
OW-257	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	10	70	CB around T-S line	-0.277	0.0075	Standard	No Exceedance
OW-257	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	10	0	CI around median	0.0299	0.123	Background	No Exceedance
OW-257	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
OW-257	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	10	20	CB around linear reg	-0.00352	0.1	Standard	No Exceedance
OW-257	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.8/7.2	6.5/9.0	Standard/Standard	No Exceedance
OW-257	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CB around T-S line	-31	5	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
OW-257	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
OW-257	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	10	0	CB around linear reg	80.7	400	Standard	No Exceedance
OW-257	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
OW-257	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	10	0	CB around linear reg	292	3,260	Background	No Exceedance
PZ-170	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	9	78	CI around median	0.001	0.006	Standard	No Exceedance
PZ-170	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	9	33	CI around median	0.001	0.010	Standard	No Exceedance
PZ-170	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.0709	2.0	Standard	No Exceedance
PZ-170	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.004	Standard	No Exceedance
PZ-170	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.27	2.23	Background	No Exceedance
PZ-170	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.005	Standard	No Exceedance
PZ-170	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	9	0	CI around median	75	1,370	Background	No Exceedance
PZ-170	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	9	67	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-170	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	9	22	CB around linear reg	-0.0021	0.006	Standard	No Exceedance
PZ-170	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	9	33	CB around linear reg	0.293	4.0	Standard	No Exceedance
PZ-170	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	9	89	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-170	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.0303	0.123	Background	No Exceedance
PZ-170	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
PZ-170	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
PZ-170	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.5/6.6	6.5/9.0	Standard/Standard	No Exceedance
PZ-170	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CI around mean	0.222	5	Standard	No Exceedance
PZ-170	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-170	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	167	400	Standard	No Exceedance
PZ-170	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-170	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	945	3,260	Background	No Exceedance
PZ-182	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.001	0.010	Standard	No Exceedance
PZ-182	PMP	E009	Barium, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.0584	2.0	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
PZ-182	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
PZ-182	PMP	E009	Boron, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.421	2.23	Background	No Exceedance
PZ-182	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
PZ-182	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/16/25	10	0	CB around linear reg	-12.5	1,370	Background	No Exceedance
PZ-182	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-182	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/16/25	10	80	Most recent sample	0.001	0.006	Standard	No Exceedance
PZ-182	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/16/25	10	30	CB around linear reg	0.305	4.0	Standard	No Exceedance
PZ-182	PMP	E009	Lead, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-182	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.0119	0.123	Background	No Exceedance
PZ-182	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
PZ-182	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
PZ-182	PMP	E009	pH (field)	SU	03/14/23 - 04/16/25	10	0	CI around mean	6.5/6.7	6.5/9.0	Standard/Standard	No Exceedance
PZ-182	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/16/25	10	0	CI around mean	0.33	5	Standard	No Exceedance
PZ-182	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-182	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	143	400	Standard	No Exceedance
PZ-182	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-182	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	670	3,260	Background	No Exceedance

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

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Bottom Ash Pond. The proposed groundwater monitoring program was revised on August 1, 2023. 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:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

UU = Upper Unit

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

NR² = A sample was collected, but the sample was not collected in accordance with the Sampling and Analysis Plan.

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



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

MONITORING WELL LOCATION MAP

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
QUARTER 2, 2025
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-192	Compliance	04/14/2025	7.87	429.19
MW-193	Compliance	04/14/2025	8.79	429.39
MW-304	Background	04/14/2025	8.61	446.70
MW-356	Compliance	04/14/2025	4.29	423.50
MW-358R	Background	04/14/2025	25.54	430.58
MW-369	Compliance	04/14/2025	8.93	413.77
MW-370	Compliance	04/14/2025	14.97	405.80
MW-382	Compliance	04/14/2025	14.68	416.43
MW-392	Compliance	04/14/2025	8.45	428.64
MW-393	Compliance	04/14/2025	7.52	430.51
MW-394	Compliance	04/14/2025	7.16	431.24
OW-256	Compliance	04/14/2025	4.22	423.91
OW-257	Compliance	04/14/2025	4.59	426.52
PZ-170	Compliance	04/14/2025	13.25	407.82
PZ-182	Compliance	04/14/2025	15.54	415.79
TPZ-164	Water Level	04/14/2025	4.22	430.83
XPW01	Water Level	04/14/2025	9.25	428.54
XPW05	Water Level	04/14/2025	5.05	432.28
XPW06	Water Level	04/14/2025	2.38	415.35

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 2, 2025**

May 09, 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-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-25Q2

WorkOrder: 25040001

Dear Eric Bauer:

TEKLAB, INC received 21 samples for BAL_845_601 on 4/16/2025 3:14:00 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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-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	29
Quality Control Results	30
Receiving Check List	69
Chain of Custody	Appended

Client: Ramboll**Work Order:** 25040001**Client Project:** BAL-25Q2**Report Date:** 09-May-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)

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-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 | |

Client: Ramboll**Work Order:** 25040001**Client Project:** BAL-25Q2**Report Date:** 09-May-25**Cooler Receipt Temp:** 5.1 °C

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

Equipment Blanks were not required. XPW06 Duplicate was not collected. - EAH 4/16/25

MW-192 collection time per field file. - EAH 4/24/25

Per Eric Bauer's request, only BAL_845_601 data is included in this report. EAH 5/9/25

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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Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-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-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	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

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-009
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-192
Collection Date: 04/15/2025 14:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.94	ft	1	04/15/2025 14:19	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		14	NTU	1	04/15/2025 14:19	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		32	mV	1	04/15/2025 14:19	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		732	µS/cm	1	04/15/2025 14:19	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.4	°C	1	04/15/2025 14:19	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.87	mg/L	1	04/15/2025 14:19	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	04/15/2025 14:19	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		349	mg/L	1	04/16/2025 9:53	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 9:53	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	410	mg/L	1	04/25/2025 16:23	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.33	mg/L	10	04/16/2025 19:58	R363511
Chloride	NELAP	1.00	5.00		19.9	mg/L	10	04/16/2025 19:58	R363511
Sulfate	NELAP	0.99	10.0		15.6	mg/L	10	04/16/2025 19:58	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		69.3	mg/L	1	04/17/2025 11:07	237674
Magnesium	NELAP	0.0055	0.0500		29.8	mg/L	1	04/17/2025 11:07	237674
Potassium	NELAP	0.0400	0.100		0.496	mg/L	1	04/17/2025 11:07	237674
Sodium	NELAP	0.0180	0.0500		47.6	mg/L	1	04/17/2025 11:07	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 17:33	237674
Arsenic	NELAP	0.0004	0.0010		0.0013	mg/L	5	04/22/2025 3:06	237674
Barium	NELAP	0.0007	0.0010		0.0892	mg/L	5	04/22/2025 3:06	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:33	237674
Boron	NELAP	0.0092	0.025	J	0.024	mg/L	5	04/17/2025 17:33	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:33	237674
Chromium	NELAP	0.0007	0.0015	J	0.0013	mg/L	5	04/17/2025 17:33	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	04/17/2025 17:33	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:33	237674
Lithium	*	0.0015	0.0030		0.0033	mg/L	5	04/17/2025 17:33	237674
Molybdenum	NELAP	0.0006	0.0015		0.0019	mg/L	5	04/17/2025 17:33	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:33	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 17:33	237674
LCS recovered outside upper control limits. 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	04/17/2025 15:33	237681



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-010
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-193
Collection Date: 04/15/2025 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.84	ft	1	04/15/2025 14:10	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.9	NTU	1	04/15/2025 14:10	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		36	mV	1	04/15/2025 14:10	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		962	µS/cm	1	04/15/2025 14:10	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.0	°C	1	04/15/2025 14:10	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.67	mg/L	1	04/15/2025 14:10	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	04/15/2025 14:10	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		292	mg/L	1	04/16/2025 10:01	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:01	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	570	mg/L	1	04/25/2025 16:22	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.16	mg/L	10	04/16/2025 20:10	R363511
Chloride	NELAP	1.00	5.00		28.6	mg/L	10	04/16/2025 20:10	R363511
Sulfate	NELAP	0.99	10.0		150	mg/L	10	04/16/2025 20:10	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		83.8	mg/L	1	04/17/2025 11:08	237674
Magnesium	NELAP	0.0055	0.0500		32.2	mg/L	1	04/17/2025 11:08	237674
Potassium	NELAP	0.0400	0.100		0.578	mg/L	1	04/17/2025 11:08	237674
Sodium	NELAP	0.0180	0.0500		74.3	mg/L	1	04/17/2025 11:08	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 17:39	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	04/17/2025 17:39	237674
Barium	NELAP	0.0007	0.0010		0.0736	mg/L	5	04/22/2025 4:02	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:39	237674
Boron	NELAP	0.0092	0.0250		0.0673	mg/L	5	04/17/2025 17:39	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:39	237674
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	04/17/2025 17:39	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	04/17/2025 17:39	237674
Lead	NELAP	0.0006	0.0010		0.0013	mg/L	5	04/17/2025 17:39	237674
Lithium	*	0.0015	0.0030		0.0061	mg/L	5	04/17/2025 17:39	237674
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	04/17/2025 17:39	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:39	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 17:39	237674
LCS recovered outside upper control limits. 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	04/17/2025 15:40	237681

Client: Ramboll
 Client Project: BAL-25Q2
 Lab ID: 25040001-013
 Matrix: GROUNDWATER

Work Order: 25040001
 Report Date: 09-May-25
 Client Sample ID: MW-304
 Collection Date: 04/14/2025 13:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.61	ft	1	04/14/2025 13:36	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.2	NTU	1	04/14/2025 13:36	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		65	mV	1	04/14/2025 13:36	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4160	µS/cm	1	04/14/2025 13:36	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.1	°C	1	04/14/2025 13:36	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.82	mg/L	1	04/14/2025 13:36	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.73		1	04/14/2025 13:36	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		804	mg/L	1	04/15/2025 10:49	R363376
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 10:49	R363376
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		1450	mg/L	1.25	04/23/2025 9:11	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.70	mg/L	10	04/16/2025 9:17	R363511
Chloride	NELAP	1.00	5.00		170	mg/L	10	04/16/2025 9:17	R363511
Sulfate	NELAP	0.99	10.0		191	mg/L	10	04/16/2025 9:17	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		10.7	mg/L	1	04/16/2025 20:36	237609
Magnesium	NELAP	0.0055	0.0500		4.39	mg/L	1	04/16/2025 20:36	237609
Potassium	NELAP	0.0400	0.100		2.19	mg/L	1	04/16/2025 20:36	237609
Sodium	NELAP	0.0180	0.0500		566	mg/L	1	04/16/2025 20:36	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 1:13	237609
Arsenic	NELAP	0.0004	0.0010		0.0031	mg/L	5	04/17/2025 1:13	237609
Barium	NELAP	0.0007	0.0010		0.0192	mg/L	5	04/17/2025 1:13	237609
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 15:02	237609
Boron	NELAP	0.0110	0.0250		1.58	mg/L	5	04/17/2025 1:13	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 1:13	237609
Chromium	NELAP	0.0007	0.0015	J	0.0010	mg/L	5	04/17/2025 1:13	237609
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/17/2025 1:13	237609
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 1:13	237609
Lithium	*	0.0015	0.0030		0.0726	mg/L	5	04/17/2025 1:13	237609
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 1:13	237609
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 1:13	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 1:13	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 11:23	237618



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-017
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-356
Collection Date: 04/15/2025 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.27	ft	1	04/15/2025 11:07	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.5	NTU	1	04/15/2025 11:07	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-2	mV	1	04/15/2025 11:07	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1080	µS/cm	1	04/15/2025 11:07	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.2	°C	1	04/15/2025 11:07	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.79	mg/L	1	04/15/2025 11:07	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.53		1	04/15/2025 11:07	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		519	mg/L	1	04/16/2025 10:07	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:07	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	738	mg/L	1	04/29/2025 14:50	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		2.02	mg/L	10	04/16/2025 20:21	R363511
Chloride	NELAP	1.00	5.00		27.4	mg/L	10	04/16/2025 20:21	R363511
Sulfate	NELAP	0.99	10.0		38.5	mg/L	10	04/16/2025 20:21	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		11.7	mg/L	1	04/17/2025 11:09	237674
Magnesium	NELAP	0.0055	0.0500		7.12	mg/L	1	04/17/2025 11:09	237674
Potassium	NELAP	0.0400	0.100		2.68	mg/L	1	04/17/2025 11:09	237674
Sodium	NELAP	0.0180	0.0500		254	mg/L	1	04/17/2025 11:09	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	04/17/2025 17:52	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	04/17/2025 17:52	237674
Barium	NELAP	0.0007	0.0010		0.0308	mg/L	5	04/22/2025 4:08	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:52	237674
Boron	NELAP	0.0092	0.0250		2.21	mg/L	5	04/17/2025 17:52	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:52	237674
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/17/2025 17:52	237674
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/17/2025 17:52	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:52	237674
Lithium	*	0.0015	0.0030		0.0606	mg/L	5	04/17/2025 17:52	237674
Molybdenum	NELAP	0.0006	0.0015		0.0020	mg/L	5	04/17/2025 17:52	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:52	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 17:52	237674
LCS recovered outside upper control limits. 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	04/17/2025 15:56	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-018
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-358R
Collection Date: 04/15/2025 11:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.49	ft	1	04/15/2025 11:49	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		30	NTU	1	04/15/2025 11:49	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-123	mV	1	04/15/2025 11:49	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5240	µS/cm	1	04/15/2025 11:49	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/15/2025 11:49	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.39	mg/L	1	04/15/2025 11:49	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.34		1	04/15/2025 11:49	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		821	mg/L	1	04/16/2025 10:15	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:15	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100	H	2950	mg/L	5	04/25/2025 16:25	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.93	mg/L	10	04/16/2025 20:33	R363511
Chloride	NELAP	1.00	5.00		1360	mg/L	10	04/16/2025 20:33	R363511
Sulfate	NELAP	0.99	10	J	4.9	mg/L	10	04/16/2025 20:33	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		23.9	mg/L	1	04/17/2025 14:22	237674
Magnesium	NELAP	0.0055	0.0500		7.12	mg/L	1	04/17/2025 14:22	237674
Potassium	NELAP	0.0400	0.100		5.38	mg/L	1	04/17/2025 14:22	237674
Sodium	NELAP	0.180	0.500		1210	mg/L	10	04/21/2025 11:16	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 17:58	237674
Arsenic	NELAP	0.0004	0.0010		0.0018	mg/L	5	04/17/2025 17:58	237674
Barium	NELAP	0.0007	0.0010		0.107	mg/L	5	04/22/2025 4:13	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:58	237674
Boron	NELAP	0.0092	0.0250		1.71	mg/L	5	04/17/2025 17:58	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:58	237674
Chromium	NELAP	0.0007	0.0015		0.0022	mg/L	5	04/17/2025 17:58	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	04/17/2025 17:58	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:58	237674
Lithium	*	0.0015	0.0030		0.0058	mg/L	5	04/17/2025 17:58	237674
Molybdenum	NELAP	0.0006	0.0015		0.0186	mg/L	5	04/17/2025 17:58	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:58	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 17:58	237674
LCS recovered outside upper control limits. 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	04/17/2025 15:58	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-020
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-369
Collection Date: 04/15/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.26	ft	1	04/15/2025 13:12	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.0	NTU	1	04/15/2025 13:12	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		71	mV	1	04/15/2025 13:12	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2130	µS/cm	1	04/15/2025 13:12	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/15/2025 13:12	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.22	mg/L	1	04/15/2025 13:12	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		8.33		1	04/15/2025 13:12	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		575	mg/L	1	04/16/2025 10:31	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:31	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	160	200	H	940	mg/L	10	04/25/2025 16:27	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.56	mg/L	10	04/16/2025 20:56	R363511
Chloride	NELAP	1.00	5.00		69.2	mg/L	10	04/16/2025 20:56	R363511
Sulfate	NELAP	0.99	10.0		102	mg/L	10	04/16/2025 20:56	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		14.0	mg/L	1	04/17/2025 14:23	237674
Magnesium	NELAP	0.0055	0.0500		4.73	mg/L	1	04/17/2025 14:23	237674
Potassium	NELAP	0.0400	0.100		1.85	mg/L	1	04/17/2025 14:23	237674
Sodium	NELAP	0.0180	0.0500		464	mg/L	1	04/17/2025 14:23	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 18:11	237674
Arsenic	NELAP	0.0004	0.0010		0.0100	mg/L	5	04/17/2025 18:11	237674
Barium	NELAP	0.0007	0.0010		0.0159	mg/L	5	04/22/2025 4:24	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:11	237674
Boron	NELAP	0.0092	0.0250		0.731	mg/L	5	04/17/2025 18:11	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:11	237674
Chromium	NELAP	0.0007	0.0015	J	0.0011	mg/L	5	04/17/2025 18:11	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	04/17/2025 18:11	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:11	237674
Lithium	*	0.0015	0.0030		0.0391	mg/L	5	04/17/2025 18:11	237674
Molybdenum	NELAP	0.0006	0.0015		0.0032	mg/L	5	04/17/2025 18:11	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:11	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 18:11	237674
LCS recovered outside upper control limits. 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	04/17/2025 16:03	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-021
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-370
Collection Date: 04/15/2025 12:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.52	ft	1	04/15/2025 12:41	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.6	NTU	1	04/15/2025 12:41	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		103	mV	1	04/15/2025 12:41	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5690	µS/cm	1	04/15/2025 12:41	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.5	°C	1	04/15/2025 12:41	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.27	mg/L	1	04/15/2025 12:41	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.42		1	04/15/2025 12:41	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		393	mg/L	1	04/16/2025 10:39	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:39	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	3030	mg/L	1	04/25/2025 16:24	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		3.05	mg/L	10	04/16/2025 21:43	R363511
Chloride	NELAP	1.00	5.00		1400	mg/L	10	04/16/2025 21:43	R363511
Sulfate	NELAP	0.99	10.0		252	mg/L	10	04/16/2025 21:43	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		44.6	mg/L	1	04/17/2025 14:24	237674
Magnesium	NELAP	0.0055	0.0500		23.0	mg/L	1	04/17/2025 14:24	237674
Potassium	NELAP	0.0400	0.100		6.47	mg/L	1	04/17/2025 14:24	237674
Sodium	NELAP	0.180	0.500		1130	mg/L	10	04/21/2025 11:17	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 18:17	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0010	mg/L	5	04/17/2025 18:17	237674
Barium	NELAP	0.0007	0.0010		0.0386	mg/L	5	04/22/2025 4:30	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:17	237674
Boron	NELAP	0.0092	0.0250		1.73	mg/L	5	04/17/2025 18:17	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:17	237674
Chromium	NELAP	0.0007	0.0015		0.0024	mg/L	5	04/17/2025 18:17	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	04/17/2025 18:17	237674
Lead	NELAP	0.0006	0.0010	J	0.0010	mg/L	5	04/17/2025 18:17	237674
Lithium	*	0.0015	0.0030		0.125	mg/L	5	04/17/2025 18:17	237674
Molybdenum	NELAP	0.0006	0.0015		0.0055	mg/L	5	04/17/2025 18:17	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:17	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 18:17	237674
LCS recovered outside upper control limits. 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	04/17/2025 16:05	237681

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-024
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-382
Collection Date: 04/15/2025 12:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.82	ft	1	04/15/2025 12:08	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		130	NTU	1	04/15/2025 12:08	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		51	mV	1	04/15/2025 12:08	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		582	µS/cm	1	04/15/2025 12:08	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.2	°C	1	04/15/2025 12:08	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.26	mg/L	1	04/15/2025 12:08	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.00		1	04/15/2025 12:08	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		244	mg/L	1	04/16/2025 10:47	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:47	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	450	mg/L	1	04/25/2025 16:17	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.75	mg/L	10	04/16/2025 21:55	R363511
Chloride	NELAP	1.00	5.00		5.91	mg/L	10	04/16/2025 21:55	R363511
Sulfate	NELAP	0.99	10.0		56.1	mg/L	10	04/16/2025 21:55	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		61.8	mg/L	1	04/17/2025 14:25	237674
Magnesium	NELAP	0.0055	0.0500		16.8	mg/L	1	04/17/2025 14:25	237674
Potassium	NELAP	0.0400	0.100		5.22	mg/L	1	04/17/2025 14:25	237674
Sodium	NELAP	0.0180	0.0500		62.9	mg/L	1	04/17/2025 14:25	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	04/17/2025 18:23	237674
Arsenic	NELAP	0.0004	0.0010		0.0037	mg/L	5	04/17/2025 18:23	237674
Barium	NELAP	0.0007	0.0010		0.0624	mg/L	5	04/22/2025 4:36	237674
Beryllium	NELAP	0.0002	0.0010	J	0.0005	mg/L	5	04/17/2025 18:23	237674
Boron	NELAP	0.0092	0.0250		0.350	mg/L	5	04/17/2025 18:23	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:23	237674
Chromium	NELAP	0.0007	0.0015		0.0113	mg/L	5	04/17/2025 18:23	237674
Cobalt	NELAP	0.0001	0.0010		0.0044	mg/L	5	04/17/2025 18:23	237674
Lead	NELAP	0.0006	0.0010		0.0057	mg/L	5	04/17/2025 18:23	237674
Lithium	*	0.0015	0.0030		0.0172	mg/L	5	04/17/2025 18:23	237674
Molybdenum	NELAP	0.0006	0.0015		0.0054	mg/L	5	04/17/2025 18:23	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:23	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 18:23	237674
LCS recovered outside upper control limits. 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	04/17/2025 16:07	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-029
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-392
Collection Date: 04/15/2025 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.53	ft	1	04/15/2025 10:50	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.9	NTU	1	04/15/2025 10:50	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		10	mV	1	04/15/2025 10:50	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3510	µS/cm	1	04/15/2025 10:50	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.5	°C	1	04/15/2025 10:50	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.57	mg/L	1	04/15/2025 10:50	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.60		1	04/15/2025 10:50	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		350	mg/L	1	04/16/2025 11:18	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:18	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	1950	mg/L	1	04/25/2025 16:26	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		4.16	mg/L	10	04/16/2025 22:41	R363511
Chloride	NELAP	1.00	5.00		942	mg/L	10	04/16/2025 22:41	R363511
Sulfate	NELAP	0.99	10.0		50.8	mg/L	10	04/16/2025 22:41	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		24.4	mg/L	1	04/17/2025 14:35	237674
Magnesium	NELAP	0.0055	0.0500		15.0	mg/L	1	04/17/2025 14:35	237674
Potassium	NELAP	0.0400	0.100		4.32	mg/L	1	04/17/2025 14:35	237674
Sodium	NELAP	0.180	0.500		713	mg/L	10	04/21/2025 11:15	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Barium	NELAP	0.0007	0.0010		0.0369	mg/L	5	04/22/2025 5:48	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Boron	NELAP	0.0092	0.0250		1.92	mg/L	5	04/17/2025 19:14	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/17/2025 19:14	237674
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Lithium	*	0.0015	0.0030		0.0771	mg/L	5	04/17/2025 19:14	237674
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 19:14	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 19:14	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 19:14	237674
LCS recovered outside upper control limits. 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	04/17/2025 16:16	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-030
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-393
Collection Date: 04/15/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.61	ft	1	04/15/2025 10:09	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		15	NTU	1	04/15/2025 10:09	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-40	mV	1	04/15/2025 10:09	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4240	µS/cm	1	04/15/2025 10:09	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.5	°C	1	04/15/2025 10:09	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	04/15/2025 10:09	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		8.07		1	04/15/2025 10:09	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		824	mg/L	1	04/16/2025 11:26	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		31	mg/L	1	04/16/2025 11:26	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	27	33	H	2410	mg/L	1.67	04/25/2025 16:18	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		10.1	mg/L	10	04/16/2025 22:53	R363511
Chloride	NELAP	1.00	5.00		847	mg/L	10	04/16/2025 22:53	R363511
Sulfate	NELAP	0.99	10.0		154	mg/L	10	04/16/2025 22:53	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		5.38	mg/L	1	04/17/2025 15:16	237690
Magnesium	NELAP	0.0055	0.0500		3.17	mg/L	1	04/17/2025 15:16	237690
Potassium	NELAP	0.0400	0.100		2.75	mg/L	1	04/17/2025 15:16	237690
Sodium	NELAP	0.180	0.500	S	967	mg/L	10	04/21/2025 15:07	237690
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Barium	NELAP	0.0007	0.0010		0.0346	mg/L	5	04/23/2025 23:53	237690
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Boron	NELAP	0.0092	0.0250		1.64	mg/L	5	04/23/2025 5:43	237690
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/18/2025 0:47	237690
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 0:47	237690
Lithium	*	0.0015	0.0030		0.0760	mg/L	5	04/18/2025 0:47	237690
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/18/2025 0:47	237690
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/23/2025 5:43	237690
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 0:47	237690
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 16:23	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-031
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: MW-394
Collection Date: 04/15/2025 9:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.34	ft	1	04/15/2025 9:39	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	04/15/2025 9:39	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-39	mV	1	04/15/2025 9:39	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3930	µS/cm	1	04/15/2025 9:39	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.3	°C	1	04/15/2025 9:39	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.93	mg/L	1	04/15/2025 9:39	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.83		1	04/15/2025 9:39	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		670	mg/L	1	04/16/2025 11:35	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:35	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	2340	mg/L	1	04/29/2025 12:08	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		4.75	mg/L	10	04/16/2025 23:04	R363511
Chloride	NELAP	1.00	5.00		788	mg/L	10	04/16/2025 23:04	R363511
Sulfate	NELAP	0.99	10.0		239	mg/L	10	04/16/2025 23:04	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		9.65	mg/L	1	04/17/2025 15:22	237690
Magnesium	NELAP	0.0055	0.0500		4.63	mg/L	1	04/17/2025 15:22	237690
Potassium	NELAP	0.0400	0.100		2.80	mg/L	1	04/17/2025 15:22	237690
Sodium	NELAP	0.180	0.500		870	mg/L	10	04/21/2025 14:23	237690
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Barium	NELAP	0.0007	0.0010		0.0179	mg/L	5	04/23/2025 4:26	237690
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Boron	NELAP	0.0092	0.0250		1.57	mg/L	5	04/17/2025 22:10	237690
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/17/2025 22:10	237690
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Lithium	*	0.0015	0.0030		0.0583	mg/L	5	04/17/2025 22:10	237690
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	04/17/2025 22:10	237690
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:10	237690
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 22:10	237690
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 16:25	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-034
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: OW-256
Collection Date: 04/15/2025 10:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.45	ft	1	04/15/2025 10:31	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	04/15/2025 10:31	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		85	mV	1	04/15/2025 10:31	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		827	µS/cm	1	04/15/2025 10:31	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	04/15/2025 10:31	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.34	mg/L	1	04/15/2025 10:31	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	04/15/2025 10:31	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		292	mg/L	1	04/16/2025 11:43	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:43	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	552	mg/L	1	04/29/2025 12:09	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.15	mg/L	10	04/16/2025 23:16	R363511
Chloride	NELAP	1.00	5.00		50.0	mg/L	10	04/16/2025 23:16	R363511
Sulfate	NELAP	0.99	10.0		67.3	mg/L	10	04/16/2025 23:16	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		83.2	mg/L	1	04/17/2025 15:23	237690
Magnesium	NELAP	0.0055	0.0500		32.2	mg/L	1	04/17/2025 15:23	237690
Potassium	NELAP	0.0400	0.100		0.847	mg/L	1	04/17/2025 15:23	237690
Sodium	NELAP	0.0180	0.0500		50.9	mg/L	1	04/17/2025 15:23	237690
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 22:16	237690
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/17/2025 22:16	237690
Barium	NELAP	0.0007	0.0010		0.0963	mg/L	5	04/23/2025 5:05	237690
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:16	237690
Boron	NELAP	0.0092	0.0250		0.193	mg/L	5	04/17/2025 22:16	237690
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:16	237690
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/17/2025 22:16	237690
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/17/2025 22:16	237690
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:16	237690
Lithium	*	0.0015	0.0030		0.0079	mg/L	5	04/17/2025 22:16	237690
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	04/17/2025 22:16	237690
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:16	237690
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 22:16	237690
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 16:27	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-035
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: OW-257
Collection Date: 04/15/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.62	ft	1	04/15/2025 13:02	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		12	NTU	1	04/15/2025 13:02	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-53	mV	1	04/15/2025 13:02	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1100	µS/cm	1	04/15/2025 13:02	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.1	°C	1	04/15/2025 13:02	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.68	mg/L	1	04/15/2025 13:02	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.08		1	04/15/2025 13:02	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		512	mg/L	1	04/16/2025 11:58	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:58	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	662	mg/L	1	04/25/2025 16:24	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.27	mg/L	10	04/16/2025 23:28	R363511
Chloride	NELAP	1.00	5.00		6.63	mg/L	10	04/16/2025 23:28	R363511
Sulfate	NELAP	0.99	10.0		98.4	mg/L	10	04/16/2025 23:28	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		108	mg/L	1	04/17/2025 15:24	237690
Magnesium	NELAP	0.0055	0.0500		46.2	mg/L	1	04/17/2025 15:24	237690
Potassium	NELAP	0.0400	0.100		2.55	mg/L	1	04/17/2025 15:24	237690
Sodium	NELAP	0.0180	0.0500		82.7	mg/L	1	04/17/2025 15:24	237690
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 22:22	237690
Arsenic	NELAP	0.0004	0.0010		0.0012	mg/L	5	04/17/2025 22:22	237690
Barium	NELAP	0.0007	0.0010		0.0817	mg/L	5	04/23/2025 5:10	237690
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:22	237690
Boron	NELAP	0.0092	0.0250		0.536	mg/L	5	04/17/2025 22:22	237690
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:22	237690
Chromium	NELAP	0.0007	0.0015	J	0.0010	mg/L	5	04/17/2025 22:22	237690
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	04/17/2025 22:22	237690
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:22	237690
Lithium	*	0.0015	0.0030		0.0328	mg/L	5	04/17/2025 22:22	237690
Molybdenum	NELAP	0.0006	0.0015		0.0026	mg/L	5	04/17/2025 22:22	237690
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:22	237690
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 22:22	237690
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 16:30	237681



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-036
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: PZ-170
Collection Date: 04/15/2025 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		13.59	ft	1	04/15/2025 13:40	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.4	NTU	1	04/15/2025 13:40	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-103	mV	1	04/15/2025 13:40	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1630	µS/cm	1	04/15/2025 13:40	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.0	°C	1	04/15/2025 13:40	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.03	mg/L	1	04/15/2025 13:40	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.51		1	04/15/2025 13:40	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		641	mg/L	1	04/16/2025 12:14	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 12:14	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	1120	mg/L	1	04/25/2025 16:22	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.04	mg/L	10	04/17/2025 0:14	R363511
Chloride	NELAP	1.00	5.00		79.6	mg/L	10	04/17/2025 0:14	R363511
Sulfate	NELAP	0.99	10.0		246	mg/L	10	04/17/2025 0:14	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		200	mg/L	1	04/17/2025 15:25	237690
Magnesium	NELAP	0.0055	0.0500		82.8	mg/L	1	04/17/2025 15:25	237690
Potassium	NELAP	0.0400	0.100		1.65	mg/L	1	04/17/2025 15:25	237690
Sodium	NELAP	0.0180	0.0500		93.9	mg/L	1	04/17/2025 15:25	237690
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 22:29	237690
Arsenic	NELAP	0.0004	0.0010		0.0011	mg/L	5	04/17/2025 22:29	237690
Barium	NELAP	0.0007	0.0010		0.0729	mg/L	5	04/23/2025 5:16	237690
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:29	237690
Boron	NELAP	0.0092	0.0250		0.330	mg/L	5	04/17/2025 22:29	237690
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:29	237690
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/17/2025 22:29	237690
Cobalt	NELAP	0.0001	0.0010		0.0010	mg/L	5	04/17/2025 22:29	237690
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:29	237690
Lithium	*	0.0015	0.0030		0.0397	mg/L	5	04/17/2025 22:29	237690
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 22:29	237690
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:29	237690
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 22:29	237690
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 15:10	237682

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

Lab ID: 25040001-037

Client Sample ID: PZ-182

Matrix: GROUNDWATER

Collection Date: 04/16/2025 10:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.89	ft	1	04/16/2025 10:06	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.0	NTU	1	04/16/2025 10:06	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-110	mV	1	04/16/2025 10:06	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1350	µS/cm	1	04/16/2025 10:06	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	04/16/2025 10:06	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.39	mg/L	1	04/16/2025 10:06	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.44		1	04/16/2025 10:06	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		530	mg/L	1	04/17/2025 10:05	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:05	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	936	mg/L	1	04/29/2025 10:27	R364192
<i>Sample analysis did not meet hold time requirements.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.08	mg/L	10	04/17/2025 16:57	R363495
Chloride	NELAP	1.00	5.00		26.7	mg/L	10	04/17/2025 16:57	R363495
Sulfate	NELAP	0.99	10.0		202	mg/L	10	04/17/2025 16:57	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		154	mg/L	1	04/17/2025 15:34	237710
Magnesium	NELAP	0.0055	0.0500		57.5	mg/L	1	04/17/2025 15:34	237710
Potassium	NELAP	0.0400	0.100		0.753	mg/L	1	04/17/2025 15:34	237710
Sodium	NELAP	0.0180	0.0500		47.8	mg/L	1	04/17/2025 15:34	237710
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 3:12	237710
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	04/18/2025 3:12	237710
Barium	NELAP	0.0007	0.0010		0.0642	mg/L	5	04/23/2025 5:37	237710
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:12	237710
Boron	NELAP	0.0092	0.0250		0.845	mg/L	5	04/18/2025 3:12	237710
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:12	237710
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/18/2025 3:12	237710
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	04/18/2025 3:12	237710
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:12	237710
Lithium	*	0.0015	0.0030		0.0176	mg/L	5	04/18/2025 3:12	237710
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/18/2025 3:12	237710
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:12	237710
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 3:12	237710
<i>LCS recovered outside upper control limits. 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	04/21/2025 12:31	237759



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-038
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: TPZ-164
Collection Date: 04/16/2025 11:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.37	ft	1	04/16/2025 11:39	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		14	NTU	1	04/16/2025 11:39	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		48	mV	1	04/16/2025 11:39	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		821	µS/cm	1	04/16/2025 11:39	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.7	°C	1	04/16/2025 11:39	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.50	mg/L	1	04/16/2025 11:39	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.89		1	04/16/2025 11:39	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		244	mg/L	1	04/17/2025 10:13	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:13	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	160	200	H	420	mg/L	10	04/25/2025 16:28	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.37	mg/L	10	04/17/2025 17:09	R363495
Chloride	NELAP	1.00	5.00		49.7	mg/L	10	04/17/2025 17:09	R363495
Sulfate	NELAP	0.99	10.0		117	mg/L	10	04/17/2025 17:09	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		62.6	mg/L	1	04/17/2025 15:35	237710
Magnesium	NELAP	0.0055	0.0500		22.5	mg/L	1	04/17/2025 15:35	237710
Potassium	NELAP	0.0400	0.100		8.60	mg/L	1	04/17/2025 15:35	237710
Sodium	NELAP	0.0180	0.0500		67.9	mg/L	1	04/17/2025 15:35	237710
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 3:19	237710
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/18/2025 3:19	237710
Barium	NELAP	0.0007	0.0010		0.0636	mg/L	5	04/23/2025 6:16	237710
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:19	237710
Boron	NELAP	0.0092	0.0250		0.994	mg/L	5	04/18/2025 3:19	237710
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:19	237710
Chromium	NELAP	0.0007	0.0015		0.0022	mg/L	5	04/18/2025 3:19	237710
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	04/18/2025 3:19	237710
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:19	237710
Lithium	*	0.0015	0.0030		0.0096	mg/L	5	04/18/2025 3:19	237710
Molybdenum	NELAP	0.0006	0.0015		0.0168	mg/L	5	04/18/2025 3:19	237710
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:19	237710
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 3:19	237710
LCS recovered outside upper control limits. 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	04/21/2025 12:33	237759



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-039
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: XPW01
Collection Date: 04/16/2025 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.83	ft	1	04/16/2025 10:54	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.7	NTU	1	04/16/2025 10:54	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		47	mV	1	04/16/2025 10:54	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		625	µS/cm	1	04/16/2025 10:54	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.3	°C	1	04/16/2025 10:54	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.12	mg/L	1	04/16/2025 10:54	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.68		1	04/16/2025 10:54	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		258	mg/L	1	04/17/2025 10:19	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:19	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	440	mg/L	1	04/29/2025 12:13	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.44	mg/L	10	04/17/2025 17:22	R363495
Chloride	NELAP	1.00	5.00		17.2	mg/L	10	04/17/2025 17:22	R363495
Sulfate	NELAP	0.99	10.0		64.3	mg/L	10	04/17/2025 17:22	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		73.5	mg/L	1	04/17/2025 15:36	237710
Magnesium	NELAP	0.0055	0.0500		18.7	mg/L	1	04/17/2025 15:36	237710
Potassium	NELAP	0.0400	0.100		7.76	mg/L	1	04/17/2025 15:36	237710
Sodium	NELAP	0.0180	0.0500		27.1	mg/L	1	04/17/2025 15:36	237710
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 3:25	237710
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/18/2025 3:25	237710
Barium	NELAP	0.0007	0.0010		0.119	mg/L	5	04/23/2025 6:21	237710
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:25	237710
Boron	NELAP	0.0092	0.0250		0.733	mg/L	5	04/18/2025 3:25	237710
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:25	237710
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/18/2025 3:25	237710
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	04/18/2025 3:25	237710
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:25	237710
Lithium	*	0.0015	0.0030		0.0101	mg/L	5	04/18/2025 3:25	237710
Molybdenum	NELAP	0.0006	0.0015		0.0274	mg/L	5	04/18/2025 3:25	237710
Selenium	NELAP	0.0006	0.0010		0.0013	mg/L	5	04/23/2025 6:21	237710
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 3:25	237710
LCS recovered outside upper control limits. 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	04/21/2025 12:40	237759



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-040
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: XPW05
Collection Date: 04/16/2025 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.23	ft	1	04/16/2025 12:17	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.1	NTU	1	04/16/2025 12:17	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		52	mV	1	04/16/2025 12:17	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		812	µS/cm	1	04/16/2025 12:17	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	04/16/2025 12:17	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.69	mg/L	1	04/16/2025 12:17	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.19		1	04/16/2025 12:17	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		209	mg/L	1	04/17/2025 10:25	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:25	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	518	mg/L	1	04/29/2025 12:11	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.54	mg/L	10	04/17/2025 17:35	R363495
Chloride	NELAP	1.00	5.00		49.0	mg/L	10	04/17/2025 17:35	R363495
Sulfate	NELAP	0.99	10.0		142	mg/L	10	04/17/2025 17:35	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	48.5	mg/L	1	04/21/2025 16:08	237714
Magnesium	NELAP	0.0055	0.0500		20.3	mg/L	1	04/21/2025 16:08	237714
Potassium	NELAP	0.400	1.00		11.8	mg/L	10	04/22/2025 11:15	237714
Sodium	NELAP	0.0180	0.0500	S	86.1	mg/L	1	04/21/2025 16:08	237714
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 2:15	237714
Arsenic	NELAP	0.0004	0.0010		0.0044	mg/L	5	04/18/2025 2:15	237714
Barium	NELAP	0.0007	0.0010		0.190	mg/L	5	04/23/2025 4:10	237714
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:15	237714
Boron	NELAP	0.0092	0.0250		1.05	mg/L	5	04/18/2025 2:15	237714
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:15	237714
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/18/2025 2:15	237714
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	04/18/2025 2:15	237714
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:15	237714
Lithium	*	0.0015	0.0030		0.0060	mg/L	5	04/18/2025 2:15	237714
Molybdenum	NELAP	0.0006	0.0015		0.0141	mg/L	5	04/18/2025 2:15	237714
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:15	237714
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 2:15	237714
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/21/2025 12:42	237759



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-041
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: XPW06
Collection Date: 04/16/2025 10:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.23	ft	1	04/16/2025 10:23	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.5	NTU	1	04/16/2025 10:23	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		59	mV	1	04/16/2025 10:23	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		823	µS/cm	1	04/16/2025 10:23	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.7	°C	1	04/16/2025 10:23	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.18	mg/L	1	04/16/2025 10:23	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.99		1	04/16/2025 10:23	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		241	mg/L	1	04/17/2025 10:31	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:31	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	540	mg/L	1	04/25/2025 16:23	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.43	mg/L	10	04/17/2025 17:47	R363495
Chloride	NELAP	1.0	5.0	J	3.3	mg/L	10	04/17/2025 17:47	R363495
Sulfate	NELAP	0.99	10.0		214	mg/L	10	04/17/2025 17:47	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		87.0	mg/L	1	04/21/2025 16:14	237714
Magnesium	NELAP	0.0055	0.0500		25.8	mg/L	1	04/21/2025 16:14	237714
Potassium	NELAP	0.400	1.00		13.2	mg/L	10	04/22/2025 11:17	237714
Sodium	NELAP	0.0180	0.0500		47.2	mg/L	1	04/21/2025 16:14	237714
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	04/18/2025 1:50	237714
Arsenic	NELAP	0.0004	0.0010		0.0016	mg/L	5	04/18/2025 1:50	237714
Barium	NELAP	0.0007	0.0010		0.119	mg/L	5	04/22/2025 5:59	237714
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 1:50	237714
Boron	NELAP	0.0092	0.0250		2.21	mg/L	5	04/18/2025 1:50	237714
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 1:50	237714
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/18/2025 1:50	237714
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/18/2025 1:50	237714
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 1:50	237714
Lithium	*	0.0015	0.0030		0.0043	mg/L	5	04/18/2025 1:50	237714
Molybdenum	NELAP	0.0006	0.0015		0.0448	mg/L	5	04/18/2025 1:50	237714
Selenium	NELAP	0.0006	0.0010		0.0051	mg/L	5	04/18/2025 1:50	237714
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 1:50	237714
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/21/2025 12:44	237759

Client: Ramboll
 Client Project: BAL-25Q2
 Lab ID: 25040001-042
 Matrix: AQUEOUS

Work Order: 25040001
 Report Date: 09-May-25
 Client Sample ID: Field Blank
 Collection Date: 04/16/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	04/17/2025 10:44	R363538
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:44	R363538
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	22	mg/L	1	04/25/2025 16:18	R364026
<i>Sample analysis did not meet hold time requirements.</i>									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/17/2025 18:38	R363495
Chloride	NELAP	1.00	5.00		ND	mg/L	10	04/17/2025 18:38	R363495
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	04/17/2025 18:38	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		0.116	mg/L	1	04/21/2025 16:15	237714
Magnesium	NELAP	0.0055	0.050	J	0.016	mg/L	1	04/21/2025 16:15	237714
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	04/21/2025 16:15	237714
Sodium	NELAP	0.0180	0.0500		0.0540	mg/L	1	04/21/2025 16:15	237714
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Barium	NELAP	0.0007	0.0010		0.0015	mg/L	5	04/23/2025 4:15	237714
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Boron	NELAP	0.0092	0.025	J	0.019	mg/L	5	04/18/2025 1:57	237714
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Chromium	NELAP	0.0007	0.0015	J	0.0010	mg/L	5	04/18/2025 1:57	237714
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	04/18/2025 1:57	237714
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	04/18/2025 1:57	237714
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/18/2025 1:57	237714
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 1:57	237714
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 1:57	237714
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/21/2025 12:46	237759

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-046
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 09-May-25
Client Sample ID: OW-256 Duplicate
Collection Date: 04/15/2025 10:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.45	ft	1	04/15/2025 10:31	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	04/15/2025 10:31	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		85	mV	1	04/15/2025 10:31	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		827	µS/cm	1	04/15/2025 10:31	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	04/15/2025 10:31	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.34	mg/L	1	04/15/2025 10:31	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	04/15/2025 10:31	R363709
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		304	mg/L	1	04/16/2025 12:22	R363456
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 12:22	R363456
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	500	mg/L	1	04/25/2025 16:23	R364026
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.14	mg/L	10	04/17/2025 0:26	R363511
Chloride	NELAP	1.00	5.00		49.7	mg/L	10	04/17/2025 0:26	R363511
Sulfate	NELAP	0.99	10.0		67.0	mg/L	10	04/17/2025 0:26	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	78.9	mg/L	1	04/17/2025 16:43	237691
Magnesium	NELAP	0.0061	0.0500	S	31.7	mg/L	1	04/17/2025 16:43	237691
Potassium	NELAP	0.0400	0.100		0.841	mg/L	1	04/17/2025 16:43	237691
Sodium	NELAP	0.0180	0.0500	S	50.1	mg/L	1	04/17/2025 16:43	237691
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/22/2025 6:05	237691
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	04/22/2025 6:05	237691
Barium	NELAP	0.0007	0.0010		0.0888	mg/L	5	04/22/2025 6:05	237691
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 22:47	237691
Boron	NELAP	0.0092	0.0250		0.183	mg/L	5	04/17/2025 22:47	237691
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/22/2025 6:05	237691
Chromium	NELAP	0.0007	0.0015		0.0052	mg/L	5	04/17/2025 22:47	237691
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	04/17/2025 22:47	237691
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 22:47	237691
Lithium	*	0.0015	0.0030		0.0068	mg/L	5	04/17/2025 22:47	237691
Molybdenum	NELAP	0.0006	0.0015	J	0.0014	mg/L	5	04/22/2025 6:05	237691
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/22/2025 6:05	237691
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 22:47	237691

Matrix spike recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable.

Client: Ramboll**Work Order:** 25040001**Client Project:** BAL-25Q2**Report Date:** 09-May-25**Lab ID:** 25040001-046**Client Sample ID:** OW-256 Duplicate**Matrix:** GROUNDWATER**Collection Date:** 04/15/2025 10:31

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	04/17/2025 15:17	237682

Sample Summary

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

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 09-May-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25040001-009	MW-192	Groundwater	2	04/15/2025 14:19
25040001-010	MW-193	Groundwater	2	04/15/2025 14:10
25040001-013	MW-304	Groundwater	5	04/14/2025 13:36
25040001-017	MW-356	Groundwater	2	04/15/2025 11:07
25040001-018	MW-358R	Groundwater	2	04/15/2025 11:49
25040001-020	MW-369	Groundwater	2	04/15/2025 13:12
25040001-021	MW-370	Groundwater	2	04/15/2025 12:41
25040001-024	MW-382	Groundwater	2	04/15/2025 12:08
25040001-029	MW-392	Groundwater	2	04/15/2025 10:50
25040001-030	MW-393	Groundwater	2	04/15/2025 10:09
25040001-031	MW-394	Groundwater	2	04/15/2025 9:39
25040001-034	OW-256	Groundwater	2	04/15/2025 10:31
25040001-035	OW-257	Groundwater	2	04/15/2025 13:02
25040001-036	PZ-170	Groundwater	2	04/15/2025 13:40
25040001-037	PZ-182	Groundwater	2	04/16/2025 10:06
25040001-038	TPZ-164	Groundwater	2	04/16/2025 11:39
25040001-039	XPW01	Groundwater	2	04/16/2025 10:54
25040001-040	XPW05	Groundwater	2	04/16/2025 12:17
25040001-041	XPW06	Groundwater	2	04/16/2025 10:23
25040001-042	Field Blank	Aqueous	4	04/16/2025 12:50
25040001-046	OW-256 Duplicate	Groundwater	2	04/15/2025 10:31



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

STANDARD METHODS 2510 B FIELD

Batch R363709		SampType: LCS		Units μS/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		1410	1412	0	100.0	90	110	04/14/2025	

Batch R363709		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		1410	1412	0	99.9	90	110	04/14/2025	

Batch R363709		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-TC											
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	04/15/2025	

Batch R363709		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		1410	1412	0	100.0	90	110	04/15/2025	

Batch R363709		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	99.9	90	110	04/15/2025	

Batch R363709		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-TC											
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	04/16/2025	

Batch R363709		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		1410	1412	0	100.0	90	110	04/16/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 9040B FIELD

Batch R363709		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		7.01	7.000	0	100.1	98.57	101.4	04/14/2025	

Batch R363709		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		7.01	7.000	0	100.1	98.57	101.4	04/14/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-1-TC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.06	7.000	0	100.9	98.57	101.4	04/15/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	04/15/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-2-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		6.99	7.000	0	99.9	98.57	101.4	04/15/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-2-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	04/16/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	04/16/2025	

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363873		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	04/23/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/23/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/23/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/23/2025	

Batch R363873		SampType: LCS		Units mg/L							
SampleID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		930	1000	0	93.0	90	110	04/23/2025	
Total Dissolved Solids		20		902	1000	0	90.2	90	110	04/23/2025	
Total Dissolved Solids		20		904	1000	0	90.4	90	110	04/23/2025	
Total Dissolved Solids		20		930	1000	0	93.0	90	110	04/23/2025	

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25040001-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		538				510.0	5.34	04/23/2025

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041000-009ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1110				1114	0.18	04/23/2025

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041114-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			40	H	588				592.0	0.68	04/23/2025

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041249-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1690				1666	1.43	04/23/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25041471-003DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20		480				490.0	2.06	04/23/2025

Batch R363873		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25041640-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		834				830.0	0.48	04/23/2025

Batch R364026		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	04/25/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/25/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/25/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/25/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/25/2025	

Batch R364026		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		938	1000	0	93.8	90	110	04/25/2025	
Total Dissolved Solids		20		936	1000	0	93.6	90	110	04/25/2025	
Total Dissolved Solids		20		948	1000	0	94.8	90	110	04/25/2025	
Total Dissolved Solids		20		932	1000	0	93.2	90	110	04/25/2025	
Total Dissolved Solids		20		944	1000	0	94.4	90	110	04/25/2025	

Batch R364026		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040001-029ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20	H	1880				1952	3.76	04/25/2025

Batch R364026		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040659-005ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			25		695				640.0	8.24	04/25/2025



Quality Control Results

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Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R364026		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040659-021ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		256				254.0	0.78	04/25/2025	

Batch R364026		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041343-001BDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		1570				1620	3.39	04/25/2025	

Batch R364026		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041572-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20	H	98				92.00	6.32	04/25/2025	

Batch R364026		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25042101-001DDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20	H	318				324.0	1.87	04/25/2025	

Batch R364026		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25042154-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		232				246.0	5.86	04/25/2025	

Batch R364192		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	04/29/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/29/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/29/2025	

Batch R364192		SampType: LCS		Units mg/L							
SampID: LCS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		942	1000	0	94.2	90	110	04/29/2025	
Total Dissolved Solids		20		954	1000	0	95.4	90	110	04/29/2025	
Total Dissolved Solids		20		946	1000	0	94.6	90	110	04/29/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R364192		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25040001-037ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20	H	938				936.0	0.21	04/29/2025

Batch R364192		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25041334-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		664				650.0	2.13	04/29/2025

Batch R364192		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25042299-009ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20	H	534				554.0	3.68	04/29/2025

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

Batch R363297		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	04/14/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	04/14/2025

Batch R363297		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	106.4	90	110	04/14/2025	
Nitrogen, Nitrite (as N)		0.05		0.33	0.3045	0	107.4	90	110	04/14/2025	

Batch R363297		SampType: MS		Units mg/L							
SampID: 25040001-001AMS											
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	0.006000	102.4	85	115	04/14/2025	

Batch R363297		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25040001-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0.006000	103.4	0.5180	0.96	04/14/2025



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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch R363297 SampType: MS Units mg/L

SampID: 25040001-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.8	85	115	04/14/2025

Batch R363297 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25040001-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.0	0.4990	2.18	04/14/2025

Batch R363297 SampType: MS Units mg/L

SampID: 25041337-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.6	85	115	04/14/2025

Batch R363297 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25041337-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	0.4980	0.60	04/14/2025

Batch R363297 SampType: MS Units mg/L

SampID: 25041383-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.0	85	115	04/14/2025

Batch R363297 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25041383-001AMSD

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	98.4	0.4950	0.61	04/14/2025

Batch R363457 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	04/16/2025
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	04/16/2025



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch R363457 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	103.8	90	110	04/16/2025
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	103.8	90	110	04/16/2025

Batch R363457 SampType: MS Units mg/L

SampID: 25041464-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0	93.6	85	115	04/16/2025

Batch R363457 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25041464-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.6	0.4680	6.21	04/16/2025

Batch R363457 SampType: MS Units mg/L

SampID: 25041592-001AMS

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	97.2	85	115	04/16/2025

Batch R363457 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25041592-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.2	0.4860	2.08	04/16/2025

Batch R363457 SampType: MS Units mg/L

SampID: 25041640-001AMS

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	98.4	85	115	04/16/2025

Batch R363457 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25041640-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.4	0.4920	2.01	04/16/2025



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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch R363457		SampType: MS		Units mg/L						
SampID: 25041640-009AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.4	85	115	04/16/2025

Batch R363457		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041640-009AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	99.0	0.4820	2.66	04/16/2025

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

Batch R363363		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	04/14/2025	

Batch R363363		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		0.547	0.5000	0	109.4	90	110	04/14/2025	

Batch R363363		SampType: MS		Units mg/L							
SampID: 25041251-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.266	0.2500	0.01200	101.6	90	110	04/14/2025	

Batch R363363		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041251-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.267	0.2500	0.01200	102.0	0.2660	0.38	04/14/2025

Batch R363363		SampType: MS		Units mg/L							
SampID: 25041348-003CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		11.5	5.000	6.665	97.0	90	110	04/14/2025	



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Client: Ramboll
Client Project: BAL-25Q2

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

Batch R363363		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25041348-003CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		1.00		11.4	5.000	6.665	94.0	11.52	1.31	04/14/2025	

Batch R363363		SampType: MS		Units mg/L							
SampID: 25041383-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		2.50		34.5	12.50	21.43	104.6	90	110	04/14/2025	

Batch R363363		SampType: MSD		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25041383-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			2.50		33.6	12.50	21.43	97.5	34.50	2.62	04/14/2025	

Batch R363445		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	04/15/2025

Batch R363445		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.509	0.5000	0	101.8	90	110	04/15/2025	

Batch R363445		SampType: MS		Units mg/L							
SampID: 25041424-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		12.0	5.000	6.842	103.4	90	110	04/15/2025	

Batch R363445		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041424-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			1.00		12.0	5.000	6.842	103.6	12.01	0.08	04/15/2025

Batch R363445		SampType: MS		Units mg/L							
SampID: 25041467-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.23	0.5000	0.6870	108.4	90	110	04/15/2025	



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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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Batch R363445		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25041467-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.23	0.5000	0.6870	109.2	1.229	0.32	04/15/2025

Batch R363445		SampType: MS		Units mg/L							
SampID: 25041470-001DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.100		0.837	0.5000	0.3630	94.8	90	110	04/15/2025	

Batch R363445		SampType: MSD		Units mg/L		RPD Limit 10					Date Analyzed	
SampID: 25041470-001DMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			0.100		0.814	0.5000	0.3630	90.2	0.8370	2.79	04/15/2025	

Batch R363528		SampType: MBLK		Units mg/L							Date Analyzed	
SampID: ICB/MBLK												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	04/16/2025		

Batch R363528		SampType: MBLK		Units mg/Kg							
SampID: MB-R363528											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.500		< 0.500	0.0090	0	0	-100	100		

Batch R363528		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		0.505	0.5000	0	101.0	90	110	04/16/2025	

Batch R363528		SampType: LCS		Units mg/Kg							
SampID: LCS-R363528											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		5.05	5.000	0	101.0	90	110	04/16/2025	

Batch R363528		SampType: MS		Units mg/L							
SampID: 25041539-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		10.5	5.000	5.372	103.2	90	110	04/16/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch R363528		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041539-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			1.00		10.5	5.000	5.372	101.8	10.53	0.64	04/16/2025

Batch R363528		SampType: MS		Units mg/L							
SampID: 25041592-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		5.00		48.1	25.00	23.35	98.8	90	110	04/16/2025	

Batch R363528		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041592-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			5.00		48.7	25.00	23.35	101.3	48.05	1.28	04/16/2025

Batch R363528		SampType: MS		Units mg/L							
SampID: 25041612-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500	E	10.1	2.500	7.445	107.0	90	110	04/16/2025	

Batch R363528		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041612-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		9.87	2.500	7.445	97.2	10.12	2.46	04/16/2025

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		267	200.0	49.48	108.5	80	120	04/16/2025
Sulfate		10.0		1250	200.0	1034	107.1	80	120	04/16/2025

Batch	R363511	SampType:	MSD	Units mg/L					RPD Limit 15		
SampID: 25040001-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		5.00		268	200.0	49.48	109.1	266.5	0.40	04/16/2025	
Sulfate		10.0		1250	200.0	1034	106.3	1248	0.13	04/16/2025	



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-005BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		210	200.0	8.875	100.5	80	120	04/16/2025
Sulfate		10.0		458	200.0	258.6	99.5	80	120	04/16/2025

Batch R363511		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 25040001-005BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		207	200.0	8.875	99.3	209.9	1.17	04/16/2025
Sulfate			10.0		456	200.0	258.6	98.6	457.6	0.40	04/16/2025

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-012BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		228	200.0	18.96	104.3	80	120	04/16/2025
Sulfate		10.0		710	200.0	498.4	106.0	80	120	04/16/2025

Batch R363511		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-012BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		220	200.0	18.96	100.7	227.6	3.24	04/16/2025
Sulfate			10.0		705	200.0	498.4	103.2	710.4	0.79	04/16/2025

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-015BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		849	200.0	645.5	101.7	80	120	04/16/2025
Sulfate		10.0		189	200.0	5.619	91.7	80	120	04/16/2025

Batch R363511		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25040001-015BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloride			5.00		843	200.0	645.5	98.6	848.8	0.74	
Sulfate			10.0		187	200.0	5.619	90.9	189.1	0.93	



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L						
SampID: 25041463-007CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2.50		106	100.0	6.992	99.0	80	120	04/16/2025
Sulfate		5.00		116	100.0	23.38	92.5	80	120	04/16/2025

Batch R363511		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed	
SampID: 25041463-007CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride			2.50		106	100.0	6.992	98.7	106.0	0.24	04/16/2025	
Sulfate			5.00		116	100.0	23.38	92.4	115.9	0.08	04/16/2025	

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363495		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	04/17/2025
Chloride		0.50		ND	0.1000	0	0	0	100	04/17/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	04/17/2025

Batch R363495		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		0.96	1.000	0	96.3	90	110	04/17/2025
Chloride		0.50		19.4	20.00	0	96.8	90	110	04/17/2025
Sulfate		1.00		18.7	20.00	0	93.6	90	110	04/17/2025

Batch R363495		SampType: MS		Units mg/L							Date Analyzed
SampID: 25040001-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.8	10.00	0.2290	105.9	80	120	04/17/2025	

Batch R363495		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.7	10.00	0.2290	104.8	10.82	1.07	04/17/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363495		SampType: MS		Units mg/L							Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
SampID: 25040001-022AMS											
Fluoride			0.50		12.4	10.00	2.333	101.1	80	120	04/17/2025
Chloride			5.00		307	200.0	94.25	106.2	80	120	04/17/2025
Sulfate			10.0		286	200.0	83.82	101.2	80	120	04/17/2025

Batch R363495		SampType: MSD		Units mg/L							Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
SampID: 25040001-022AMSD											
Fluoride			0.50		12.2	10.00	2.333	98.5	12.44	2.10	04/17/2025
Chloride			5.00		300	200.0	94.25	102.8	306.6	2.24	04/17/2025
Sulfate			10.0		277	200.0	83.82	96.6	286.3	3.26	04/17/2025

Batch R363495		SampType: MS		Units mg/L							Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
SampID: 25041640-001AMS											
Fluoride			0.50		10.7	10.00	0.6850	100.3	80	120	04/17/2025
Chloride			5.00		299	200.0	89.45	104.6	80	120	04/17/2025
Sulfate			10.0		392	200.0	194.6	98.7	80	120	04/17/2025

Batch R363495		SampType: MSD		Units mg/L							Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
SampID: 25041640-001AMSD											
Fluoride			0.50		10.8	10.00	0.6850	101.3	10.71	0.98	04/17/2025
Chloride			5.00		302	200.0	89.45	106.3	298.7	1.12	04/17/2025
Sulfate			10.0		397	200.0	194.6	101.1	392.0	1.18	04/17/2025

Batch R363495		SampType: MS		Units mg/L							Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
SampID: 25041643-001AMS											
Fluoride			0.50		10.3	10.00	0.1890	100.6	80	120	04/17/2025
Chloride			5.00		362	200.0	146.6	107.9	80	120	04/17/2025
Sulfate			10.0		224	200.0	26.77	98.5	80	120	04/17/2025

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363495		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25041643-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.2	10.00	0.1890	100.1	10.25	0.57	04/17/2025
Chloride		5.00		357	200.0	146.6	105.0	362.5	1.62	04/17/2025
Sulfate		10.0		221	200.0	26.77	97.3	223.8	1.09	04/17/2025

Batch R363495		SampType: MS		Units mg/L						
SampID: 25041731-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.06200	103.8	80	120	04/18/2025
Chloride		5.00		214	200.0	6.436	103.7	80	120	04/18/2025
Sulfate		10.0		903	200.0	698.1	102.6	80	120	04/18/2025

Batch R363495		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25041731-002AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0.06200	100.2	10.44	3.45	04/18/2025
Chloride		5.00		205	200.0	6.436	99.5	213.8	4.02	04/18/2025
Sulfate		10.0		892	200.0	698.1	96.9	903.3	1.28	04/18/2025

Batch R363511		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100	04/16/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	04/16/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	04/16/2025	

Batch R363511		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		0.97	1.000	0	97.5	90	110	04/16/2025
Chloride		0.50		20.0	20.00	0	100.1	90	110	04/16/2025
Sulfate		1.00		18.6	20.00	0	92.9	90	110	04/16/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2020	100.0	80	120	04/16/2025
Chloride		5.00		206	200.0	9.003	98.4	80	120	04/16/2025
Sulfate		10.0		454	200.0	257.0	98.6	80	120	04/16/2025

Batch R363511		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25040001-005AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		10.3	10.00	0.2020	100.7	10.20	0.69		
Chloride		5.00		207	200.0	9.003	98.9	205.9	0.46		
Sulfate		10.0		455	200.0	257.0	99.3	454.2	0.28		

Batch R363511		SampType: MS		Units mg/L						
SampID: 25040001-044AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.06600	103.4	80	120	04/16/2025
Chloride		5.00		230	200.0	19.60	105.4	80	120	04/16/2025
Sulfate		10.0		723	200.0	519.6	101.9	80	120	04/16/2025

Batch R363511		SampType: MSD	Units mg/L							RPD Limit 15	
SampID: 25040001-044AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.50		10.4	10.00	0.06600	103.2	10.41	0.23	04/16/2025	
Chloride		5.00		230	200.0	19.60	105.1	230.4	0.22	04/16/2025	
Sulfate		10.0		718	200.0	519.6	99.4	723.5	0.70	04/16/2025	

Batch R363511		SampType: MS		Units mg/L							
SampID: 25041463-007CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.25		5.42	5.000	0.3890	100.5	80	120	04/16/2025	

Batch R363511		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25041463-007CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.25		5.42	5.000	0.3890	100.7	5.416	0.11	04/16/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L						
SampID: 25041564-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.1	10.00	0.4580	106.1	80	120	04/17/2025
Chloride		5.00		453	200.0	236.8	108.1	80	120	04/17/2025
Sulfate		10.0		239	200.0	43.13	98.0	80	120	04/17/2025

Batch R363511		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 25041564-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.50		10.8	10.00	0.4580	103.8	11.07	2.04	04/17/2025	
Chloride		5.00		423	200.0	236.8	93.3	453.0	6.74	04/17/2025	
Sulfate		10.0		230	200.0	43.13	93.2	239.2	4.12	04/17/2025	

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

Batch 237609		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-237609											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100		
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100		
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100		
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100		

Batch 237609		SampType: LCS		Units mg/L							
SampID: LCS-237609											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		5.45	5.000	0	109.0	85	115		
Calcium		0.100		4.56	5.000	0	91.3	85	115		
Magnesium		0.0500		5.19	5.000	0	103.9	85	115		
Magnesium		0.0500		4.33	5.000	0	86.6	85	115		
Potassium		0.100		4.68	5.000	0	93.6	85	115		
Potassium		0.100		5.51	5.000	0	110.1	85	115		
Sodium		0.0500		5.38	5.000	0	107.6	85	115		
Sodium		0.0500		4.60	5.000	0	91.9	85	115		

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)
Batch 237674 **SampType: MBLK** Units **mg/L**

SampleID: MBLK-237674

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	04/17/2025
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	04/17/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/17/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/17/2025

Batch 237674 **SampType: LCS** Units **mg/L**

SampleID: LCS-237674

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.98	5.000	0	99.6	85	115	04/17/2025
Iron		0.0400		3.94	4.000	0	98.5	85	115	04/17/2025
Magnesium		0.0500		4.51	5.000	0	90.2	85	115	04/17/2025
Potassium		0.100		4.89	5.000	0	97.9	85	115	04/17/2025
Sodium		0.0500		4.97	5.000	0	99.4	85	115	04/17/2025

Batch 237674 **SampType: MS** Units **mg/L**

SampleID: 25040001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	100	5.000	92.31	154.0	75	125	04/17/2025
Magnesium		0.0500	S	50.0	5.000	43.45	131.9	75	125	04/17/2025
Potassium		0.100		8.79	5.000	3.700	101.8	75	125	04/17/2025
Sodium		0.0500	S	253	5.000	239.8	265.0	75	125	04/17/2025

Batch 237674 **SampType: MSD** Units **mg/L**

SampleID: 25040001-015CMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		98.4	5.000	92.31	122.0	100.0	1.61	04/17/2025
Magnesium		0.0500		48.7	5.000	43.45	105.2	50.04	2.71	04/17/2025
Potassium		0.100		8.67	5.000	3.700	99.4	8.788	1.37	04/17/2025
Sodium		0.0500	S	249	5.000	239.8	175.2	253.0	1.79	04/17/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)
Batch 237690 **SampType: MBLK** Units **mg/L**

SampleID: MBLK-237690

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	04/17/2025
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	04/17/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/17/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/17/2025

Batch 237690 **SampType: LCS** Units **mg/L**

SampleID: LCS-237690

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.91	5.000	0	98.2	85	115	04/17/2025
Iron		0.0400		3.84	4.000	0	96.0	85	115	04/17/2025
Magnesium		0.0500		4.42	5.000	0	88.4	85	115	04/17/2025
Potassium		0.100		4.76	5.000	0	95.1	85	115	04/17/2025
Sodium		0.0500		4.83	5.000	0	96.5	85	115	04/17/2025

Batch 237690 **SampType: MS** Units **mg/L**

SampleID: 25040001-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		9.95	5.000	5.380	91.4	75	125	04/17/2025
Magnesium		0.0500		7.41	5.000	3.173	84.7	75	125	04/17/2025
Potassium		0.100		8.09	5.000	2.752	106.8	75	125	04/17/2025
Sodium		0.500	S	954	5.000	967.0	-258.0	75	125	04/21/2025

Batch 237690 **SampType: MSD** Units **mg/L**

SampleID: 25040001-030BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		10.3	5.000	5.380	98.4	9.950	3.46	04/17/2025
Magnesium		0.0500		7.65	5.000	3.173	89.5	7.408	3.19	04/17/2025
Potassium		0.100		8.39	5.000	2.752	112.7	8.092	3.59	04/17/2025
Sodium		0.500	S	991	5.000	967.0	474.0	954.1	3.76	04/21/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)
Batch 237691 **SampType: MBLK** Units **mg/L**

SampID: MBLK-237691

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	04/17/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	04/23/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/23/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/23/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/17/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/23/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/17/2025

Batch 237691 **SampType: LCS** Units **mg/L**

SampID: LCS-237691

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.92	5.000	0	98.3	85	115	04/17/2025
Calcium		0.100		4.76	5.000	0	95.3	85	115	04/23/2025
Magnesium		0.0500		4.60	5.000	0	92.1	85	115	04/23/2025
Magnesium		0.0500		4.43	5.000	0	88.6	85	115	04/17/2025
Potassium		0.100		4.74	5.000	0	94.8	85	115	04/23/2025
Potassium		0.100		4.91	5.000	0	98.1	85	115	04/17/2025
Sodium		0.0500		4.79	5.000	0	95.9	85	115	04/23/2025
Sodium		0.0500		4.83	5.000	0	96.5	85	115	04/17/2025

Batch 237691 **SampType: MS** Units **mg/L**

SampID: 25040001-046BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	81.3	5.000	78.88	49.0	75	125	04/17/2025
Magnesium		0.0500	S	35.2	5.000	31.69	70.0	75	125	04/17/2025
Potassium		0.100		5.78	5.000	0.8414	98.8	75	125	04/17/2025
Sodium		0.0500	S	52.7	5.000	50.12	51.6	75	125	04/17/2025

Batch 237691 **SampType: MSD** Units **mg/L**

SampID: 25040001-046BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	85.9	5.000	78.88	140.8	81.33	5.49	04/17/2025
Magnesium		0.0500		37.2	5.000	31.69	109.4	35.19	5.45	04/17/2025
Potassium		0.100		5.86	5.000	0.8414	100.5	5.784	1.38	04/17/2025
Sodium		0.0500		55.3	5.000	50.12	103.8	52.70	4.83	04/17/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6010B, METALS BY ICP (TOTAL)
Batch 237710 **SampType: MBLK** Units **mg/L**

SampleID: MBLK-237710

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	04/17/2025
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	04/17/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/17/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/17/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/17/2025

Batch 237710 **SampType: LCS** Units **mg/L**

SampleID: LCS-237710

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.84	5.000	0	96.9	85	115	04/17/2025
Iron		0.0400		3.85	4.000	0	96.2	85	115	04/17/2025
Magnesium		0.0500		4.43	5.000	0	88.6	85	115	04/17/2025
Potassium		0.100		4.81	5.000	0	96.1	85	115	04/17/2025
Sodium		0.0500		4.88	5.000	0	97.6	85	115	04/17/2025

Batch 237714 **SampType: MBLK** Units **mg/L**

SampleID: MBLK-237714

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	04/21/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/21/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/21/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/21/2025

Batch 237714 **SampType: LCS** Units **mg/L**

SampleID: LCS-237714

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.76	5.000	0	95.3	85	115	04/21/2025
Magnesium		0.0500		4.47	5.000	0	89.5	85	115	04/21/2025
Potassium		0.100		4.87	5.000	0	97.4	85	115	04/21/2025
Sodium		0.0500		4.94	5.000	0	98.8	85	115	04/21/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237714 SampType: MS Units mg/L

SampleID: 25040001-040BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	55.0	5.000	48.49	130.0	75	125	04/21/2025
Magnesium		0.0500		25.7	5.000	20.34	106.4	75	125	04/21/2025
Potassium		1.00		17.3	5.000	11.80	110.8	75	125	04/22/2025
Sodium		0.0500	S	94.2	5.000	86.09	162.2	75	125	04/21/2025

Batch 237714 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040001-040BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		54.5	5.000	48.49	119.6	54.99	0.95	04/21/2025
Magnesium		0.0500		25.4	5.000	20.34	101.2	25.67	1.02	04/21/2025
Potassium		1.00		17.1	5.000	11.80	106.7	17.34	1.18	04/22/2025
Sodium		0.0500	S	93.1	5.000	86.09	140.2	94.20	1.17	04/21/2025

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

Batch 237586 SampType: MBLK Units mg/L

SampleID: MBLK-237586

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/16/2025

Batch 237586 SampType: LCS Units mg/L

SampleID: LCS-237586

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.800	1.000	0	80.0	80	120	04/16/2025

Batch 237586 SampType: MS Units mg/L

SampleID: 25040001-003DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		3.97	0.5000	3.463	101.5	75	125	04/17/2025

Batch 237586 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040001-003DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		4.04	0.5000	3.463	115.5	3.971	1.75	04/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237673 SampType: MBLK Units mg/L

SampID: MBLK-237673

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/17/2025

Batch 237673 SampType: LCS Units mg/L

SampID: LCS-237673

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.912	1.000	0	91.2	80	120	04/17/2025

Batch 237673 SampType: MS Units mg/L

SampID: 25040001-005DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		1.22	1.000	0.3714	85.1	75	125	04/17/2025

Batch 237673 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25040001-005DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		1.17	1.000	0.3714	79.4	1.223	4.78	04/17/2025

Batch 237754 SampType: MBLK Units mg/L

SampID: MBLK-237754

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/18/2025

Batch 237754 SampType: LCS Units mg/L

SampID: LCS-237754

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		0.906	1.000	0	90.6	80	120	04/18/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237609		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-237609											
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	04/16/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/16/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/16/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/16/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/16/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/16/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/16/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/16/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	04/16/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/16/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/16/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	04/16/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/16/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/16/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/16/2025	

Batch 237609		SampType: LCS		Units mg/L							
SampID: LCS-237609											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.866	1.000	0	86.6	80	120	04/16/2025	
Arsenic		0.0010		0.914	1.000	0	91.4	80	120	04/16/2025	
Barium		0.0010		4.22	4.000	0	105.4	80	120	04/16/2025	
Beryllium		0.0010		0.0873	0.1000	0	87.3	80	120	04/16/2025	
Boron		0.0250		0.902	1.000	0	90.2	80	120	04/16/2025	
Cadmium		0.0010		0.116	0.1000	0	116.2	80	120	04/16/2025	
Chromium		0.0015		0.378	0.4000	0	94.5	80	120	04/16/2025	
Cobalt		0.0010		0.947	1.000	0	94.7	80	120	04/16/2025	
Iron		0.0250		3.75	4.000	0	93.7	80	120	04/16/2025	
Lead		0.0010		0.942	1.000	0	94.2	80	120	04/16/2025	
Lithium	*	0.0030		0.890	1.000	0	89.0	80	120	04/16/2025	
Manganese		0.0020		0.957	1.000	0	95.7	80	120	04/16/2025	
Molybdenum		0.0015		0.961	1.000	0	96.1	80	120	04/16/2025	
Selenium		0.0010		0.840	1.000	0	84.0	80	120	04/16/2025	
Thallium		0.0020		0.458	0.5000	0	91.6	80	120	04/16/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237609		SampType: MS		Units mg/L						
SampID: 25040001-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		3.85	4.000	0.2003	91.2	75	125	04/16/2025
Manganese		0.0020		1.02	1.000	0.07901	94.3	75	125	04/16/2025

Batch 237609		SampType: MSD		Units mg/L					RPD Limit 20		Date Analyzed
SampID: 25040001-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Iron			0.0250		3.85	4.000	0.2003	91.3	3.849	0.05	
Manganese			0.0020		1.02	1.000	0.07901	94.1	1.022	0.16	

Batch 237674		SampType: MBLK		Units mg/L							
SampID: MBLK-237674											
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	04/17/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/17/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/22/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/17/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/17/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/17/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	04/22/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/17/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	04/17/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/17/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/17/2025	

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)
Batch 237674 **SampType:** LCS **Units** mg/L

SampID: LCS-237674

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.952	1.000	0	95.2	80	120	04/17/2025
Arsenic		0.0010		0.906	1.000	0	90.6	80	120	04/17/2025
Barium		0.0010		3.96	4.000	0	99.0	80	120	04/22/2025
Beryllium		0.0010		0.0953	0.1000	0	95.3	80	120	04/17/2025
Boron		0.0250		0.994	1.000	0	99.4	80	120	04/17/2025
Cadmium		0.0010	S	0.124	0.1000	0	124.0	80	120	04/17/2025
Cadmium		0.0010		0.116	0.1000	0	115.5	80	120	04/22/2025
Chromium		0.0015		0.380	0.4000	0	94.9	80	120	04/17/2025
Cobalt		0.0010		0.937	1.000	0	93.7	80	120	04/17/2025
Iron		0.0250		4.21	4.000	0	105.3	80	120	04/22/2025
Lead		0.0010		0.987	1.000	0	98.7	80	120	04/17/2025
Lithium	*	0.0030		0.959	1.000	0	95.9	80	120	04/17/2025
Manganese		0.0020		0.968	1.000	0	96.8	80	120	04/17/2025
Molybdenum		0.0015		1.03	1.000	0	102.7	80	120	04/17/2025
Selenium		0.0010		0.881	1.000	0	88.1	80	120	04/17/2025
Thallium		0.0020		0.474	0.5000	0	94.9	80	120	04/17/2025

Batch 237674 **SampType:** MS **Units** mg/L

SampID: 25040001-015CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.900	1.000	0.0005882	90.0	75	125	04/17/2025
Arsenic		0.0010		0.895	1.000	0	89.5	75	125	04/17/2025
Barium		0.0010		3.83	4.000	0.08366	93.6	75	125	04/22/2025
Beryllium		0.0010		0.0957	0.1000	0	95.7	75	125	04/17/2025
Boron		0.0250		3.16	1.000	1.973	118.9	75	125	04/22/2025
Cadmium		0.0010		0.113	0.1000	0	113.2	75	125	04/17/2025
Chromium		0.0015		0.376	0.4000	0.001488	93.6	75	125	04/17/2025
Cobalt		0.0010		0.896	1.000	0	89.6	75	125	04/17/2025
Iron		0.0250		4.55	4.000	0.5239	100.7	75	125	04/22/2025
Lead		0.0010		0.975	1.000	0.0007511	97.5	75	125	04/17/2025
Lithium	*	0.0030		1.02	1.000	0.09967	91.6	75	125	04/17/2025
Manganese		0.0020		0.944	1.000	0.01418	93.0	75	125	04/17/2025
Molybdenum		0.0015		0.991	1.000	0	99.1	75	125	04/17/2025
Selenium		0.0010		0.850	1.000	0	85.0	75	125	04/17/2025
Thallium		0.0020		0.472	0.5000	0	94.4	75	125	04/17/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237674		SampType: MSD		Units mg/L			RPD Limit 20			
SampID: 25040001-015CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.927	1.000	0.0005882	92.7	0.9002	2.99	04/17/2025
Arsenic		0.0010		0.900	1.000	0	90.0	0.8951	0.55	04/17/2025
Barium		0.0010		3.97	4.000	0.08366	97.2	3.829	3.61	04/22/2025
Beryllium		0.0010		0.0933	0.1000	0	93.3	0.09571	2.54	04/17/2025
Boron		0.0250		3.08	1.000	1.973	110.7	3.162	2.61	04/22/2025
Cadmium		0.0010		0.118	0.1000	0	117.5	0.1132	3.73	04/17/2025
Chromium		0.0015		0.379	0.4000	0.001488	94.3	0.3759	0.78	04/17/2025
Cobalt		0.0010		0.906	1.000	0	90.6	0.8962	1.07	04/17/2025
Iron		0.0250		4.57	4.000	0.5239	101.1	4.550	0.40	04/22/2025
Lead		0.0010		0.991	1.000	0.0007511	99.1	0.9754	1.61	04/17/2025
Lithium	*	0.0030		1.01	1.000	0.09967	90.9	1.015	0.64	04/17/2025
Manganese		0.0020		0.951	1.000	0.01418	93.7	0.9443	0.73	04/17/2025
Molybdenum		0.0015		1.01	1.000	0	101.0	0.9910	1.87	04/17/2025
Selenium		0.0010		0.853	1.000	0	85.3	0.8501	0.33	04/17/2025
Thallium		0.0020		0.483	0.5000	0	96.6	0.4720	2.30	04/17/2025

Batch 237690		SampType: MBLK		Units mg/L						
SampleID: MBLK-237690										
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	04/17/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/17/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/23/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/17/2025
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/17/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/17/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/17/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/17/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237690 SampType: LCS Units mg/L

SampleID: LCS-237690

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.897	1.000	0	89.7	80	120	04/17/2025
Arsenic		0.0010		0.916	1.000	0	91.6	80	120	04/17/2025
Barium		0.0010		3.75	4.000	0	93.8	80	120	04/23/2025
Beryllium		0.0010		0.0919	0.1000	0	91.9	80	120	04/17/2025
Boron		0.0250		0.946	1.000	0	94.6	80	120	04/17/2025
Cadmium		0.0010		0.115	0.1000	0	115.3	80	120	04/17/2025
Chromium		0.0015		0.377	0.4000	0	94.3	80	120	04/17/2025
Cobalt		0.0010		0.910	1.000	0	91.0	80	120	04/17/2025
Lead		0.0010		0.952	1.000	0	95.2	80	120	04/17/2025
Lithium	*	0.0030		0.938	1.000	0	93.8	80	120	04/17/2025
Molybdenum		0.0015		0.969	1.000	0	96.9	80	120	04/17/2025
Selenium		0.0010		0.882	1.000	0	88.2	80	120	04/17/2025
Thallium		0.0020		0.461	0.5000	0	92.3	80	120	04/17/2025

Batch 237690 SampType: MS Units mg/L

SampleID: 25040001-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.945	1.000	0	94.5	75	125	04/18/2025
Arsenic		0.0010		0.789	1.000	0	78.9	75	125	04/18/2025
Barium		0.0010		4.49	4.000	0.03456	111.4	75	125	04/23/2025
Beryllium		0.0010		0.0930	0.1000	0	93.0	75	125	04/18/2025
Boron		0.0250		2.67	1.000	1.635	103.2	75	125	04/23/2025
Cadmium		0.0010		0.114	0.1000	0	114.4	75	125	04/18/2025
Chromium		0.0015		0.346	0.4000	0	86.6	75	125	04/18/2025
Cobalt		0.0010		0.841	1.000	0	84.1	75	125	04/18/2025
Lead		0.0010		0.977	1.000	0	97.7	75	125	04/18/2025
Lithium	*	0.0030		0.951	1.000	0.07598	87.5	75	125	04/18/2025
Molybdenum		0.0015		0.925	1.000	0	92.5	75	125	04/18/2025
Selenium		0.0010		0.819	1.000	0	81.9	75	125	04/23/2025
Thallium		0.0020		0.470	0.5000	0	94.1	75	125	04/18/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237690		SampType: MSD	Units mg/L				RPD Limit 20			
SampID: 25040001-030BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.950	1.000	0	95.0	0.9446	0.53	04/18/2025
Arsenic		0.0010		0.815	1.000	0	81.5	0.7890	3.18	04/18/2025
Barium		0.0010		4.67	4.000	0.03456	115.9	4.490	3.93	04/24/2025
Beryllium		0.0010		0.0970	0.1000	0	97.0	0.09296	4.23	04/18/2025
Boron		0.0250		2.67	1.000	1.635	103.0	2.667	0.07	04/23/2025
Cadmium		0.0010		0.116	0.1000	0	116.2	0.1144	1.50	04/18/2025
Chromium		0.0015		0.361	0.4000	0	90.3	0.3465	4.14	04/18/2025
Cobalt		0.0010		0.881	1.000	0	88.1	0.8409	4.64	04/18/2025
Lead		0.0010		1.02	1.000	0	102.4	0.9769	4.74	04/18/2025
Lithium	*	0.0030		1.00	1.000	0.07598	92.6	0.9506	5.28	04/18/2025
Molybdenum		0.0015		0.963	1.000	0	96.3	0.9247	4.10	04/18/2025
Selenium		0.0010		0.808	1.000	0	80.8	0.8190	1.39	04/23/2025
Thallium		0.0020		0.488	0.5000	0	97.7	0.4703	3.75	04/18/2025

Batch 237690		SampType: MS		Units mg/L						
SampID: 25041443-007BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Lead		0.0010		0.990	1.000	0.0006549	99.0	75	125	04/18/2025

Batch 237690		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25041443-007BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Lead			0.0010		1.02	1.000	0.0006549	101.7	0.9904	2.73	04/18/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237691 SampType: MBLK Units mg/L										
SampID: MBLK-237691										
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	04/17/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/17/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/22/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/17/2025
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	04/17/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/17/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/17/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/17/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/17/2025

Batch 237691 SampType: LCS Units mg/L										
SampID: LCS-237691										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.928	1.000	0	92.8	85	115	04/17/2025
Arsenic		0.0010		0.908	1.000	0	90.8	85	115	04/17/2025
Barium		0.0020		3.86	4.000	0	96.4	85	115	04/22/2025
Beryllium		0.0010		0.0890	0.1000	0	89.0	85	115	04/17/2025
Boron	*	0.0250		0.928	1.000	0	92.8	85	115	04/17/2025
Cadmium		0.0010	S	0.120	0.1000	0	119.9	85	115	04/17/2025
Cadmium		0.0020		0.0993	0.1000	0	99.3	85	115	04/22/2025
Chromium		0.0015		0.372	0.4000	0	93.1	85	115	04/17/2025
Cobalt		0.0010		0.908	1.000	0	90.8	85	115	04/17/2025
Lead		0.0010	E	0.980	1.000	0	98.0	85	115	04/17/2025
Lithium	*	0.0030		0.900	1.000	0	90.0	85	115	04/17/2025
Molybdenum		0.0015		1.00	1.000	0	100.1	85	115	04/17/2025
Selenium		0.0010		0.878	1.000	0	87.8	85	115	04/17/2025
Thallium		0.0020		0.470	0.5000	0	94.0	85	115	04/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237691 SampType: MS Units mg/L

SampleID: 25040001-046BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		1.21	1.000	0	120.7	75	125	04/22/2025
Arsenic		0.0010		1.07	1.000	0.0007377	106.6	75	125	04/22/2025
Barium		0.0010		3.90	4.000	0.08875	95.2	75	125	04/22/2025
Beryllium		0.0010		0.0968	0.1000	0	96.8	75	125	04/17/2025
Boron		0.0250		1.18	1.000	0.1834	99.9	75	125	04/17/2025
Cadmium		0.0010		0.114	0.1000	0	114.4	75	125	04/22/2025
Chromium		0.0015		0.390	0.4000	0.005249	96.2	75	125	04/17/2025
Cobalt		0.0010		0.948	1.000	0.0003445	94.7	75	125	04/17/2025
Lead		0.0010		1.02	1.000	0	101.6	75	125	04/17/2025
Lithium	*	0.0030		0.969	1.000	0.006846	96.2	75	125	04/17/2025
Molybdenum		0.0015		1.10	1.000	0.001369	109.4	75	125	04/22/2025
Selenium		0.0010		1.05	1.000	0	104.7	75	125	04/22/2025
Thallium		0.0020		0.494	0.5000	0	98.9	75	125	04/17/2025

Batch 237691 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040001-046BMSD

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	1.207	7.15	04/22/2025
Arsenic		0.0010		1.07	1.000	0.0007377	106.6	1.067	0.00	04/22/2025
Barium		0.0010		3.73	4.000	0.08875	91.0	3.897	4.40	04/22/2025
Beryllium		0.0010		0.0948	0.1000	0	94.8	0.09683	2.12	04/17/2025
Boron		0.0250		1.15	1.000	0.1834	96.6	1.182	2.86	04/17/2025
Cadmium		0.0010		0.109	0.1000	0	109.0	0.1144	4.87	04/22/2025
Chromium		0.0015		0.379	0.4000	0.005249	93.5	0.3902	2.87	04/17/2025
Cobalt		0.0010		0.910	1.000	0.0003445	90.9	0.9476	4.08	04/17/2025
Lead		0.0010		1.01	1.000	0	101.3	1.016	0.29	04/17/2025
Lithium	*	0.0030		0.933	1.000	0.006846	92.6	0.9687	3.77	04/17/2025
Molybdenum		0.0015		1.07	1.000	0.001369	107.2	1.095	2.01	04/22/2025
Selenium		0.0010		1.04	1.000	0	104.2	1.047	0.48	04/22/2025
Thallium		0.0020		0.499	0.5000	0	99.7	0.4944	0.86	04/17/2025

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)
Batch 237710 **SampType: MBLK** Units **mg/L**

SampleID: MBLK-237710

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	04/18/2025
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/18/2025
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/23/2025
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/18/2025
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	04/18/2025
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/18/2025
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/18/2025
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/18/2025
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/18/2025
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/18/2025
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/18/2025
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/18/2025
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/18/2025

Batch 237710 **SampType: LCS** Units **mg/L**

SampleID: LCS-237710

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.944	1.000	0	94.4	85	115	04/18/2025
Arsenic		0.0010		0.912	1.000	0	91.2	85	115	04/18/2025
Barium		0.0020		3.53	4.000	0	88.2	85	115	04/23/2025
Beryllium		0.0010		0.0924	0.1000	0	92.4	85	115	04/18/2025
Boron	*	0.0250		0.930	1.000	0	93.0	85	115	04/18/2025
Cadmium		0.0020		0.0905	0.1000	0	90.5	85	115	04/23/2025
Cadmium		0.0010	S	0.121	0.1000	0	121.4	85	115	04/18/2025
Chromium		0.0015		0.382	0.4000	0	95.5	85	115	04/18/2025
Cobalt		0.0010		0.937	1.000	0	93.7	85	115	04/18/2025
Lead		0.0010	E	0.984	1.000	0	98.4	85	115	04/18/2025
Lithium	*	0.0030		0.928	1.000	0	92.8	85	115	04/18/2025
Molybdenum		0.0015		1.01	1.000	0	101.4	85	115	04/18/2025
Selenium		0.0010		0.871	1.000	0	87.1	85	115	04/18/2025
Thallium		0.0020		0.480	0.5000	0	96.0	85	115	04/18/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237714		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-237714											
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	04/17/2025	
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	04/17/2025	
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	04/22/2025	
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	04/17/2025	
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/17/2025	
Cadmium		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025	
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	04/17/2025	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	04/17/2025	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	04/17/2025	
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	04/17/2025	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	04/17/2025	
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	04/17/2025	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	04/17/2025	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	04/17/2025	

Batch 237714		SampType: LCS		Units mg/L							
SampID: LCS-237714											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.894	1.000	0	89.4	80	120	04/18/2025	
Arsenic		0.0010		0.908	1.000	0	90.8	80	120	04/18/2025	
Barium		0.0010		3.49	4.000	0	87.2	80	120	04/22/2025	
Beryllium		0.0010		0.0875	0.1000	0	87.5	80	120	04/18/2025	
Boron		0.0250		0.902	1.000	0	90.2	80	120	04/18/2025	
Cadmium		0.0010		0.112	0.1000	0	112.1	80	120	04/18/2025	
Chromium		0.0015		0.377	0.4000	0	94.3	80	120	04/18/2025	
Cobalt		0.0010		0.918	1.000	0	91.8	80	120	04/18/2025	
Iron		0.0250		3.69	4.000	0	92.4	80	120	04/18/2025	
Lead		0.0010		0.956	1.000	0	95.6	80	120	04/18/2025	
Lithium	*	0.0030		0.887	1.000	0	88.7	80	120	04/18/2025	
Manganese		0.0020		0.959	1.000	0	95.9	80	120	04/18/2025	
Molybdenum		0.0015		0.959	1.000	0	95.9	80	120	04/18/2025	
Selenium		0.0010		0.864	1.000	0	86.4	80	120	04/18/2025	
Thallium		0.0020		0.460	0.5000	0	91.9	80	120	04/18/2025	

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

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

Batch 237714		SampType: MS		Units mg/L							
SampID: 25040001-040BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.916	1.000	0	91.6	75	125	04/18/2025	
Arsenic		0.0010		0.803	1.000	0.004404	79.9	75	125	04/18/2025	
Barium		0.0010		3.85	4.000	0.1902	91.5	75	125	04/23/2025	
Beryllium		0.0010		0.0936	0.1000	0	93.6	75	125	04/18/2025	
Boron		0.0250		2.07	1.000	1.046	102.6	75	125	04/18/2025	
Cadmium		0.0010		0.115	0.1000	0	114.6	75	125	04/18/2025	
Chromium		0.0015		0.351	0.4000	0.0007577	87.5	75	125	04/18/2025	
Cobalt		0.0010		0.816	1.000	0.0004579	81.5	75	125	04/18/2025	
Lead		0.0010		0.990	1.000	0	99.0	75	125	04/18/2025	
Lithium	*	0.0030		0.927	1.000	0.005954	92.1	75	125	04/18/2025	
Molybdenum		0.0015		0.926	1.000	0.01413	91.2	75	125	04/18/2025	
Selenium		0.0010		0.779	1.000	0	77.9	75	125	04/18/2025	
Thallium		0.0020		0.474	0.5000	0	94.8	75	125	04/18/2025	

Batch 237714		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25040001-040BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.925	1.000	0	92.5	0.9156	0.99	04/18/2025
Arsenic		0.0010		0.835	1.000	0.004404	83.1	0.8030	3.93	04/18/2025
Barium		0.0010		3.58	4.000	0.1902	84.7	3.849	7.29	04/23/2025
Beryllium		0.0010		0.0926	0.1000	0	92.6	0.09355	1.03	04/18/2025
Boron		0.0250		2.03	1.000	1.046	98.4	2.071	2.03	04/18/2025
Cadmium		0.0010		0.114	0.1000	0	113.9	0.1146	0.54	04/18/2025
Chromium		0.0015		0.359	0.4000	0.0007577	89.7	0.3507	2.47	04/18/2025
Cobalt		0.0010		0.850	1.000	0.0004579	84.9	0.8157	4.10	04/18/2025
Lead		0.0010		0.966	1.000	0	96.6	0.9903	2.48	04/18/2025
Lithium	*	0.0030		0.912	1.000	0.005954	90.7	0.9268	1.56	04/18/2025
Molybdenum		0.0015		0.953	1.000	0.01413	93.9	0.9261	2.90	04/18/2025
Selenium		0.0010		0.806	1.000	0	80.6	0.7792	3.39	04/18/2025
Thallium		0.0020		0.466	0.5000	0	93.2	0.4739	1.72	04/18/2025

SW-846 7470A (TOTAL)

Batch 237615		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-237615											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	04/16/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237615		SampType: LCS		Units mg/L						
SampID: LCS-237615										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00451	0.0050	0	90.2	85	115	04/16/2025

Batch 237615		SampType: MS		Units mg/L							
SampID: 25040001-003CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00461	0.0050	0	92.2	75	125	04/16/2025	

Batch 237615		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-003CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00458	0.0050	0	91.6	0.004609	0.60	04/16/2025	

Batch 237615		SampType: MS		Units mg/L							
SampID: 25041325-002BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00438	0.0050	0	87.6	75	125	04/16/2025	

Batch 237615		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25041325-002BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00445	0.0050	0	88.9	0.004382	1.46	04/16/2025	

Batch 237618		SampType: MBLK		Units mg/L							
SampID: MBLK-237618											
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	04/17/2025	

Batch 237618		SampType: LCS		Units mg/L							
SampID: LCS-237618											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00459	0.0050	0	91.8	85	115	04/17/2025	

Batch 237618		SampType: MS		Units mg/L							
SampID: 25040001-012CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00455	0.0050	0	90.9	75	125	04/17/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237618		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-012CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00444	0.0050	0	88.7	0.004547	2.46	04/17/2025

Batch 237681		SampType: MBLK		Units mg/L							
SampID: MBLK-237681											
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	04/17/2025	

Batch 237681		SampType: LCS		Units mg/L							
SampID: LCS-237681											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00440	0.0050	0	88.0	85	115	04/17/2025	

Batch 237681		SampType: MS		Units mg/L							
SampID: 25040001-009BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00461	0.0050	0	92.1	75	125	04/17/2025	

Batch 237681		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-009BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00444	0.0050	0	88.7	0.004607	3.76	04/17/2025

Batch 237681		SampType: MS		Units mg/L							
SampID: 25040001-011CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00450	0.0050	0	90.0	75	125	04/17/2025	

Batch 237681		SampType: MSD		Units mg/L		RPD Limit 15					Date Analyzed	
SampID: 25040001-011CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.00020		0.00444	0.0050	0	88.7	0.004500	1.46	04/17/2025	

Batch 237682		SampType: MBLK		Units mg/L							
SampID: MBLK-237682											
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	04/17/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237682		SampType: LCS		Units mg/L						
SampID: LCS-237682										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00445	0.0050	0	89.0	85	115	04/17/2025

Batch 237682		SampType: MS		Units mg/L						
SampID: 25040001-036BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00450	0.0050	0	90.0	75	125	04/17/2025

Batch 237682		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-036BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00438	0.0050	0	87.7	0.004501	2.63	04/17/2025	

Batch 237759		SampType: MBLK		Units mg/L							
SampID: MBLK-237759											
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	04/21/2025	

Batch 237759		SampType: LCS		Units mg/L							
SampID: LCS-237759											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.00020		0.00504	0.0050	0	100.9	85	115	04/21/2025	

Batch 237759		SampType: MS		Units mg/L							
SampID: 25040001-023BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00481	0.0050	0	96.3	75	125	04/21/2025	

Batch 237759		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040001-023BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00459	0.0050	0	91.9	0.004814	4.71	04/21/2025

Batch 237759		SampType: MS		Units mg/L							
SampID: 25040001-045BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00494	0.0050	0	98.8	75	125	04/21/2025	



Quality Control Results

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

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 09-May-25

SW-846 7470A (TOTAL)										
Batch 237759		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25040001-045BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		0.00473	0.0050	0	94.5	0.004939	4.40	04/21/2025



Receiving Check List

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 09-May-25

Carrier: Justin Colp

Received By: LEH

Completed by:

On:

14-Apr-25

Laura E Henson

Reviewed by:

On:

16-Apr-25

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 5.1
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

pH strip #101358. -NR/ lhenson - 4/14/2025 4:45:19 PM

Additional nitric acid (102639) was needed in MW-104SR, MW-154, MW-253R, MW-355, MW104SR DUP upon arrival at the laboratory. Sulfuric acid (101237) was added to MW-304 in error instead of nitric acid; volume was split from the 1L bottle and added nitric acid (102639) - NR/lhenson - 4/14/2025 4:45:22 PM

Cooler #2 6.1C LTG #9. NR 4/14/25

Samples were received on 4/15/25 at 1548 on ice [13.5, 16.5, 12.1, 12.5, 11.1 and 5.5C - LTG#5]. pH strip #101358. Additional Nitric Acid (102639) was needed in MW-252, MW-356, MW-358R, MW-369, MW-384, MW-393, MW-394, OW-257 and PZ-170 upon arrival at the laboratory. - EK/amberdilallo - 4/15/2025 5:01:43 PM

Samples were received on 4/16/25 at 1514 on ice/blue ice [3.5C - LTG#5]. pH strip #101358. Additional Nitric Acid (102639) was needed in MW-375, MW-377, MW-375 Dup and MW-391R upon arrival at the laboratory. MW-391R did not meet desired pH range with Nitric Acid addition. Field Blank was filtered and left unpreserved and preserved with Nitric Acid (102639) for the dissolved parameters upon arrival at the laboratory. - JD/amberdilallo/EAH - 4/16/2025 4:34:24 PM

CHAIN-OF-CUSTODY / Analytical Request Document

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

25040001

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
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	
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 #:	

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

ITEM #	Section D Required Client Information	Valid Matrix Codes				MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N Analysis Test	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.		
		MATRIX						DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																	
		DRINKING WATER	DW	WT	WATER																WASTE WATER	WW	P	PRODUCT SOL/SOLID	SL	OL	WP	AR	OT	TS	AIR	WIPE			OTHER	
SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE																																				
1	MW-104DR	WT	G	4-11-25	1307			4	2	2																						25040001-001				
2	MW-104SR	WT	G	4-14-25	1236			4	2	2																						25040001-002				
3	MW-150	WT	G	4-14-25	1144			4	2	2																						25040001-003				
4	MW-151	WT	G					4	2	2																						25040001-004				
5	MW-152	WT	G					4	2	2																						25040001-005				
6	MW-153	WT	G	4-14-25	1221			4	2	2																						25040001-006				
7	MW-154	WT	G	4-14-25	1118			4	2	2																						25040001-007				
8	MW-155	WT	G	4-14-25	1047			4	2	2																						25040001-008				
9	MW-192	WT	G					2	1	1																						25040001-009				
10	MW-193	WT	G					2	1	1																						25040001-010				
11	MW-252	WT	G					4	2	2																						25040001-011				
12	MW-253R	WT	G	4-14-25	1249			4	2	2																						25040001-012				
13	MW-304	WT	G	4-14-25	1336			4	2	2																						25040001-013				
14	MW-350R	WT	G	4-14-25	1054			4	2	2																						25040001-014				
15	MW-352	WT	G					4	2	2																						25040001-015				
16	MW-355	WT	G	4-14-25	1029			4	2	2																						25040001-016				
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION				DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																		
BAL-25Q2 Rev 0		J. Colp				4-14		1540		[Signature]				4/14		1540		6-1-1 -1																		

Added (102637) HNO₃ to MW-104SR, MW-154, MW-253R, MW-355, & MW-104SR Dup. Added H₂SO₄ (101237) in error to MW-304. Split from IL container & Added HNO₃ (102637) 4/14

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: Justin Colp	DATE Signed (MM/DD/YY): 4-14-25
SIGNATURE of SAMPLER: <i>Justin Colp</i>	

PH 101358 4/14

UTG9

25040001

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

Section C

Required Client Information:

Required Project Information:

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	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	

[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 Culp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-14-75				

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Page: 1 of 4

Required Client Information:

Required Project Information:

Invoice Information:

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

[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 Lee					
SIGNATURE of SAMPLER: <i>Justin Lee</i>	DATE Signed (MM/DD/YY): 4-15-25				

Added HNO₃ (162639) MW252, MW356, MW358K, MW369, MW384, MW393, MW394, OW257, & P2170 on ice 13.5, 16.5, 12.1, 12.5, 11.1, 5.5 #5
EK 4115175 PHV 101358

25040001

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Page: 2 of 4

Section C

Required Client Information:

Required Project Information:

Section C
Invoice Information:

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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WT WASTE WATER WW P PRODUCT SOLID SL OIL WP WIPE AR OT TS AIR OTHER	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test #	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.			
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605										
1	MW-356	WT	G	4/15/25	1107	2	1	1								X	X													25040001-017		
2	MW-358R	WT	G	4/15/25	1149	2	1	1								X	X	X	X											25040001-018		
3	MW-366	WT	G	4-15-25	1112	2	1	1									X		X											25040001-019		
4	MW-369	WT	G	4-15-25	1312	2	1	1								X		X												25040001-020		
5	MW-370	WT	G	4-15-25	1241	2	1	1								X		X												25040001-021		
6	MW-375	WT	G			2	1	1									X		X											25040001-022		
7	MW-377	WT	G			2	1	1									X		X											25040001-023		
8	MW-382	WT	G	4-15-25	1208	2	1	1								X		X												25040001-024		
9	MW-383	WT	G	4-15-25	921	2	1	1									X		X											25040001-025		
10	MW-384	WT	G	4-15-25	953	2	1	1									X		X											25040001-026		
11	MW-390	WT	G	4-15-25	1036	2	1	1									X		X											25040001-027		
12	MW-391R	WT	G			2	1	1									X		X											25040001-028		
13	MW-392	WT	G	4-15-25	1050	2	1	1								X		X												25040001-029		
14	MW-393	WT	G	4-15-25	1009	2	1	1								X		X												25040001-030		
15	MW-394	WT	G	4-15-25	939	2	1	1								X		X												25040001-031		
16	OW-156	WT	G	4/15/25	959	0													X											25040001-032		
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION								DATE	TIME	SAMPLE CONDITIONS														
BAL-25Q2 Rev 0				Ruth [Signature]		4-15-25	1548	Emily Kowalski								4/15/25	1548	y z														

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Culp					
SIGNATURE of SAMPLER: Justin Culp	DATE Signed (MM/DD/YY): 4-15-25				

25040001

Page: 3 of 4

Section C

Invoice Information:

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

[illegible]

25040001

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

ITEM #	Section D Required Client Information	Valid Matrix Codes DRINKING WATER WATER WASTE WATER PRODUCT OIL WIPE AIR OTHER	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test 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										
1	MW-356	WT	G				2	1	1																		25040001-017					
2	MW-358R	WT	G				2	1	1																		25040001-018					
3	MW-366	WT	G				2	1	1																		25040001-019					
4	MW-369	WT	G				2	1	1																		25040001-020					
5	MW-370	WT	G				2	1	1																		25040001-021					
6	MW-375	WT	G		4/16/25	1108	2	1	1																		25040001-022					
7	MW-377	WT	G		4.16.25	1205	2	1	1																		25040001-023					
8	MW-382	WT	G				2	1	1																		25040001-024					
9	MW-383	WT	G				2	1	1																		25040001-025					
10	MW-384	WT	G				2	1	1																		25040001-026					
11	MW-390	WT	G				2	1	1																		25040001-027					
12	MW-391R *	WT	G		4.16.25	1033	2	1	1																		25040001-028					
13	MW-392	WT	G				2	1	1																		25040001-029					
14	MW-393	WT	G				2	1	1																		25040001-030					
15	MW-394	WT	G				2	1	1																		25040001-031					
16	OW-156	WT	G				0																				25040001-032					
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																		
BAL-25Q2 Rev 0		Tracy Carroll		4.16.25		1514		Tracy Carroll		4/16/25		1514																				
* Well went Dry Filling Bottles														SAMPLER NAME AND SIGNATURE										Temp in °C		Received on Ice (Y/N)		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)		
														PRINT Name of SAMPLER: Tracy Carroll																		
														SIGNATURE of SAMPLER: Tracy Carroll										DATE Signed (MM/DD/YY): 4.16.25								

* Well went Dry Filling Bottles

Added HNO₃ (102639) M375, MW377, MW-375 dup. 3.5 #5 Ice
MW391R wouldn't preserve
PH 10/358 JD 4/16/25

25040001

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

Section C

Invoice Information:

Page: 3 of 4

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

[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: Tracy Carroll					
SIGNATURE of SAMPLER: Tracy Carroll	DATE Signed (MM/DD/YY): 4.16.75				

May 21, 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-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-25Q2

WorkOrder: 25040002

Dear Eric Bauer:

TEKLAB, INC received 37 samples on 4/16/2025 3:14:00 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

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 21-May-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

Client: Ramboll**Work Order:** 25040002**Client Project:** BAL-25Q2**Report Date:** 21-May-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)

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 21-May-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 | |

Client: Ramboll**Work Order:** 25040002**Client Project:** BAL-25Q2**Report Date:** 21-May-25**Cooler Receipt Temp:** 5.1 °C

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

Equipment Blanks were not required. - EAH 4/16/25

MW-350R collection time per field file. - EAH 4/23/25

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

This report was revised on May 21, 2025 per Eric Bauer's request. The reason for the revision is to correct MW-151 collection time from 1332 to 1334. Please replace report dated May 16, 2025 with this report. EAH 5/20/25

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

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515

Phone (630) 324-6855

Fax

Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 21-May-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-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	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

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-001
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-150
Collection Date: 04/14/2025 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-002
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-151
Collection Date: 04/15/2025 13:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-003
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-152
Collection Date: 04/15/2025 12:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-004
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-153
Collection Date: 04/14/2025 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-005
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-192
Collection Date: 04/15/2025 14:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-006
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-193
Collection Date: 04/15/2025 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-007
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-252
Collection Date: 04/15/2025 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	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-008
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-253R
Collection Date: 04/14/2025 12:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-009
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-304
Collection Date: 04/14/2025 13:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-010
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-350R
Collection Date: 04/14/2025 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-011
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-352
Collection Date: 04/15/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-012
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-356
Collection Date: 04/15/2025 11:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-013
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-358R
Collection Date: 04/15/2025 11:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-014
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-366
Collection Date: 04/15/2025 11:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-015
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-369
Collection Date: 04/15/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-016
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-370
Collection Date: 04/15/2025 12:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-017
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-375
Collection Date: 04/16/2025 11:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-018
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-377
Collection Date: 04/16/2025 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-019
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-382
Collection Date: 04/15/2025 12:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-020
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-383
Collection Date: 04/15/2025 9:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 9:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-021
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-384
Collection Date: 04/15/2025 9:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:41	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-022
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-390
Collection Date: 04/15/2025 10:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-023
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-391R
Collection Date: 04/16/2025 10:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-024
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-392
Collection Date: 04/15/2025 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:42	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-025
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-393
Collection Date: 04/15/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-026
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-394
Collection Date: 04/15/2025 9:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-027
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: OW-256
Collection Date: 04/15/2025 10:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-028
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: OW-257
Collection Date: 04/15/2025 13:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-029
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: PZ-170
Collection Date: 04/15/2025 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-030
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: PZ-182
Collection Date: 04/16/2025 10:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-031
Matrix: AQUEOUS

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: Field Blank
Collection Date: 04/16/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-032
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-253R Duplicate
Collection Date: 04/14/2025 12:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-033
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: MW-375 Duplicate
Collection Date: 04/16/2025 11:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040002-034
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 21-May-25
Client Sample ID: OW-256 Duplicate
Collection Date: 04/15/2025 10:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/14/2025 11:53	R365041

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 21-May-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25040002-001	MW-150	Groundwater	1	04/14/2025 11:44
25040002-002	MW-151	Groundwater	1	04/15/2025 13:34
25040002-003	MW-152	Groundwater	1	04/15/2025 12:44
25040002-004	MW-153	Groundwater	1	04/14/2025 12:21
25040002-005	MW-192	Groundwater	1	04/15/2025 14:19
25040002-006	MW-193	Groundwater	1	04/15/2025 14:10
25040002-007	MW-252	Groundwater	1	04/15/2025 12:11
25040002-008	MW-253R	Groundwater	1	04/14/2025 12:49
25040002-009	MW-304	Groundwater	1	04/14/2025 13:36
25040002-010	MW-350R	Groundwater	1	04/14/2025 10:50
25040002-011	MW-352	Groundwater	1	04/15/2025 11:40
25040002-012	MW-356	Groundwater	1	04/15/2025 11:07
25040002-013	MW-358R	Groundwater	1	04/15/2025 11:49
25040002-014	MW-366	Groundwater	1	04/15/2025 11:12
25040002-015	MW-369	Groundwater	1	04/15/2025 13:12
25040002-016	MW-370	Groundwater	1	04/15/2025 12:41
25040002-017	MW-375	Groundwater	1	04/16/2025 11:08
25040002-018	MW-377	Groundwater	1	04/16/2025 12:05
25040002-019	MW-382	Groundwater	1	04/15/2025 12:08
25040002-020	MW-383	Groundwater	1	04/15/2025 9:21
25040002-021	MW-384	Groundwater	1	04/15/2025 9:53
25040002-022	MW-390	Groundwater	1	04/15/2025 10:36
25040002-023	MW-391R	Groundwater	1	04/16/2025 10:33
25040002-024	MW-392	Groundwater	1	04/15/2025 10:50
25040002-025	MW-393	Groundwater	1	04/15/2025 10:09
25040002-026	MW-394	Groundwater	1	04/15/2025 9:39
25040002-027	OW-256	Groundwater	1	04/15/2025 10:31
25040002-028	OW-257	Groundwater	1	04/15/2025 13:02
25040002-029	PZ-170	Groundwater	1	04/15/2025 13:40
25040002-030	PZ-182	Groundwater	1	04/16/2025 10:06
25040002-031	Field Blank	Aqueous	1	04/16/2025 12:50
25040002-032	MW-253R Duplicate	Groundwater	1	04/14/2025 12:49
25040002-033	MW-375 Duplicate	Groundwater	1	04/16/2025 11:08
25040002-034	OW-256 Duplicate	Groundwater	1	04/15/2025 10:31
25040002-035	Equipment Blank 1	Aqueous	1	
25040002-036	Equipment Blank 2	Aqueous	1	
25040002-037	Equipment Blank 3	Aqueous	1	



Receiving Check List

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

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 21-May-25

Carrier: Justin Colp

Received By: LEH

Completed by:

On:

14-Apr-25

Laura E Henson

Reviewed by:

On:

16-Apr-25

Elizabeth A. Hurley

Pages to follow:

Chain of custody

7

Extra pages included

42

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 5.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

pH strip #101358. -NR/ lhenson - 4/14/2025 4:53:53 PM

Additional nitric acid (102639) preservative was needed upon arrival at the laboratory to MW253R and MW304. -NR/ lhenson - 4/14/2025 4:53:56 PM

Samples were received on 4/15/25 at 1548 on ice [13.5C - LTG#5]. pH strip #101358. Additional Nitric Acid (102639) was needed upon arrival at the laboratory for MW-152, MW-358R, MW-393, MW-394 and PZ-170. - amberdilallo - 4/15/2025 4:46:00 PM

Samples were received on 4/16/25 at 1514 on ice [3.5C - LTG#5]. pH strip #101358. Additional Nitric Acid (102639) was needed upon arrival at the laboratory for MW-375, MW-377, PZ-182, MW-375 Dup and MW-391R. MW-391R did not reached desired pH range with Nitric Acid additon. - JD/amberdilallo - 4/16/2025 4:44:56 PM

25040002

Page: 1 of 4

REGULATORY AGENCY

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		
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:	Site Location STATE:	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:			

[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): 4-14-25				

Added HNO_3 (102639) to 1/2 MW 253R + 2/2 MW-304
~ 4/14 PHV

PH✓ 10/358

25040002

Page: 3 of 4

Page: 3 of 4

Invoice Information:

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

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-14-25				

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

Page: 1 of 4

Invoice Information:

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
BAL-25Q2 Rev 0	Burt Ger	4-15-25	1548	Mon O'Calla	4/15/25	1548	>	z	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-15-25				

Added HNO₃ (UO2U39) to
mW-152 1/2, mW-358B 2/2,
mW-393 2/2, mW-394 2/2 &
PZ-170 2/2. pH $\sqrt{10/358}$ Gm 4/15/25

13.5, 12.1, 11.1, 16.5, 12.5 & 5.5 c
ice ltr

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Section A

Required Client Information:

Section B

Required Project Information:

Section C

Section 3
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			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:	NPDES	GROUND WATER	DRINKING WATER
Phone: (217) 753-8911 Fax:		Project Name:	Project Manager:	UST	RCRA	OTHER
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	Site Location	IL	
				STATE:		

[illegible]

25040002

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

Page: 3 of 4

Section B

Section C

Required Client Information:

Required Project Information:

Invoice Information:

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

ITEM #	Section D Required Client Information	valid matrix CODES MATRIX DRINKING WATER DW WATER WT WASTE WATER WW P PRODUCT SOLIDS SL OIL OL WIPE WP AIR AR OTHER TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)		Project No./ Lab I.D.						
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605														
1	OW-157		WT	G	4/15/25	1237		0																							N/A					
2	OW-256		WT	G	4/15/25	1031		2		2																					25040002-027					
3	OW-257		WT	G	4/15/25	1302		2		2																					25040002-028					
4	PZ-170		WT	G	4/15/25	1340		2		2																					25040002-029					
5	PZ-182		WT	G				2		2																					25040002-030					
6	TPZ-164		WT	G				0																							N/A					
7	XPW01		WT	G				0																							N/A					
8	XPW05		WT	G				0																							N/A					
9	XPW06		WT	G				0																							N/A					
10	Field Blank		WT	G				2		2																					25040002-031					
11	MW-104SR Duplicate		WT	G				0																							N/A					
12	MW-253R Duplicate		WT	G				2		2																					25040002-032					
13	MW-375 Duplicate		WT	G				2		2																					25040002-033					
14	OW-256 Duplicate		WT	G	4/15/25	1031		2		2																					25040002-034					
15	XPW06 Duplicate		WT	G				0																							N/A					
16	Equipment Blank 1		WT	G				2		2																					25040002-035					
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION					DATE	TIME	SAMPLE CONDITIONS																			
BAL-25Q2 Rev 0					Butler			4-15-25	1548	Simon Gualles					4/15/25	1548																				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Carroll SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY): 4/19/25					

25040002

Page: 2 of 4

Invoice Information:

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

ITEM #	Section D Required Client Information	valid matrix codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test Y/N	Requested Analysis Filtered (Y/N)												Ra226/228, only							
		SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOLID/SOLID SL OIL OL WIPE WP AIR AR OTHER OT			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		MW-356		WT	G				2			2								X		X														25040002-012	
2		MW-358R		WT	G				2			2								X	X	X	X													25040002-013	
3		MW-366		WT	G				2			2									X		X													25040002-014	
4		MW-369		WT	G				2			2								X		X														25040002-015	
5		MW-370		WT	G				2			2								X		X														25040002-016	
6		MW-375		WT	G	4.16.25	1108		2			2									X		X													25040002-017	
7		MW-377		WT	G	4.16.25	1205		2			2									X		X													25040002-018	
8		MW-382		WT	G				2			2								X		X														25040002-019	
9		MW-383		WT	G				2			2									X		X													25040002-020	
10		MW-384		WT	G				2			2									X		X													25040002-021	
11		MW-390		WT	G				2			2									X		X													25040002-022	
12		MW-391R *		WT	G	4.16.25	1033		2			2									X		X													25040002-023	
13		MW-392		WT	G				2			2								X		X														25040002-024	
14		MW-393		WT	G				2			2								X		X														25040002-025	
15		MW-394		WT	G				2			2								X		X														25040002-026	
16		OW-156		WT	G				0														X														N/A
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE		TIME		ACCEPTED BY / AFFILIATION				DATE		TIME		SAMPLE CONDITIONS																	
BAL-25Q2 Rev 0				Jus. Carroll				4.16.25		1514		Uma G. G. G.				4/16/25		1514		> z																	

* Well went Dry Filling Bottles TAC
4.16.25

mwo-391 R-only
one bottle. sm
4/11/95

3.5#5 IOL

PH 10358

PH 101358
Added HNO₃ (102639) 2/2 MW 375, MW 377, PZ 182, MW 375 dup.

1/1 MW-391R would not preserve

50 4/16/25

25040002

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

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		
Baldwin, IL 62217				Address: see Section A				
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES GROUND WATER DRINKING WATER UST RCRA OTHER		
Phone: (217) 753-8911	Fax:	Project Name:		Project Manager:		Site Location STATE:		
Requested Due Date/TAT: 10 day		Project Number:		Profile #:				
						IL		

[illegible]

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/21/2025 10:30:09 AM Revision 1

JOB DESCRIPTION

Radium-226 and Radium-228
25040002

JOB NUMBER

160-57799-1

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
5/21/2025 10:30:09 AM
Revision 1

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

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Case Narrative

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

Job ID: 160-57799-1

Job ID: 160-57799-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25040002

Report Number: 160-57799-1 Revision 1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

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.

Revision

The report being provided is a revision of the original report sent on 5/15/2025. The report (revision 1) is being revised in order to correct collection times that were inaccurate on the chain-of-custody (COC). The collection time of sample 25040002-002 has been revised from 1332 to 1334. The email is included with the revised report for documentation purposes.

Receipt

The samples were received on 4/17/2025 12:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 3 coolers at receipt time were 17.7°C, 17.9°C and 18.5°C.

Receipt Exceptions

The client emailed requests to update the collection time of samples 25040002-10 (from 10:54 to 10:50) and sample 25040002-005 (from 10:50 to 14:19). The email is included in the final report for documentation purposes.

Method 903.0 - Radium-226 (GFPC)

Samples 25040002-001 (160-57799-1), 25040002-002 (160-57799-2), 25040002-003 (160-57799-3), 25040002-004 (160-57799-4), 25040002-005 (160-57799-5), 25040002-006 (160-57799-6), 25040002-007 (160-57799-7), 25040002-008 (160-57799-8), 25040002-009 (160-57799-9), 25040002-010 (160-57799-10), 25040002-011 (160-57799-11), 25040002-012 (160-57799-12), 25040002-013 (160-57799-13), 25040002-014 (160-57799-14), 25040002-015 (160-57799-15), 25040002-016 (160-57799-16), 25040002-017 (160-57799-17), 25040002-018 (160-57799-18), 25040002-019 (160-57799-19), 25040002-020 (160-57799-20), 25040002-021 (160-57799-21), 25040002-022 (160-57799-22), 25040002-023 (160-57799-23), 25040002-024 (160-57799-24), 25040002-025 (160-57799-25), 25040002-026 (160-57799-26), 25040002-027 (160-57799-27), 25040002-028 (160-57799-28), 25040002-029 (160-57799-29), 25040002-030 (160-57799-30), 25040002-031 (160-57799-31), 25040002-032

Eurofins St. Louis

Case Narrative

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

Job ID: 160-57799-1

Job ID: 160-57799-1 (Continued)

Eurofins St. Louis

(160-57799-32), 25040002-033 (160-57799-33) and 25040002-034 (160-57799-34) were analyzed for Radium-226 (GFPC). The samples were prepared on 4/21/2025 and analyzed on 5/14/2025.

Method 904.0 - Radium-228 (GFPC)

Samples 25040002-001 (160-57799-1), 25040002-002 (160-57799-2), 25040002-003 (160-57799-3), 25040002-004 (160-57799-4), 25040002-005 (160-57799-5), 25040002-006 (160-57799-6), 25040002-007 (160-57799-7), 25040002-008 (160-57799-8), 25040002-009 (160-57799-9), 25040002-010 (160-57799-10), 25040002-011 (160-57799-11), 25040002-012 (160-57799-12), 25040002-013 (160-57799-13), 25040002-014 (160-57799-14), 25040002-015 (160-57799-15), 25040002-016 (160-57799-16), 25040002-017 (160-57799-17), 25040002-018 (160-57799-18), 25040002-019 (160-57799-19), 25040002-020 (160-57799-20), 25040002-021 (160-57799-21), 25040002-022 (160-57799-22), 25040002-023 (160-57799-23), 25040002-024 (160-57799-24), 25040002-025 (160-57799-25), 25040002-026 (160-57799-26), 25040002-027 (160-57799-27), 25040002-028 (160-57799-28), 25040002-029 (160-57799-29), 25040002-030 (160-57799-30), 25040002-031 (160-57799-31), 25040002-032 (160-57799-32), 25040002-033 (160-57799-33) and 25040002-034 (160-57799-34) were analyzed for Radium-228 (GFPC). The samples were prepared on 4/21/2025 and analyzed on 5/14/2025.

Batch 160-713490:

The detection goal was not met for the following sample due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 25040002-023 (160-57799-23). Analytical results are reported with the detection limit achieved.

Batch 160-713487:

The detection goal was not met for the following samples due to the reduced sample volume used in prep attributed to the presence of matrix interferences: 25040002-003 (160-57799-3), 25040002-004 (160-57799-4) and 25040002-019 (160-57799-19). Analytical results are reported with the detection limit achieved.

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

Samples 25040002-001 (160-57799-1), 25040002-002 (160-57799-2), 25040002-003 (160-57799-3), 25040002-004 (160-57799-4), 25040002-005 (160-57799-5), 25040002-006 (160-57799-6), 25040002-007 (160-57799-7), 25040002-008 (160-57799-8), 25040002-009 (160-57799-9), 25040002-010 (160-57799-10), 25040002-011 (160-57799-11), 25040002-012 (160-57799-12), 25040002-013 (160-57799-13), 25040002-014 (160-57799-14), 25040002-015 (160-57799-15), 25040002-016 (160-57799-16), 25040002-017 (160-57799-17), 25040002-018 (160-57799-18), 25040002-019 (160-57799-19), 25040002-020 (160-57799-20), 25040002-021 (160-57799-21), 25040002-022 (160-57799-22), 25040002-023 (160-57799-23), 25040002-024 (160-57799-24), 25040002-025 (160-57799-25), 25040002-026 (160-57799-26), 25040002-027 (160-57799-27), 25040002-028 (160-57799-28), 25040002-029 (160-57799-29), 25040002-030 (160-57799-30), 25040002-031 (160-57799-31), 25040002-032 (160-57799-32), 25040002-033 (160-57799-33) and 25040002-034 (160-57799-34) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 5/15/2025.

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 62234

Project#	25040002
----------	----------

Contact:	Elizabeth Hurley
Requested Due Date:	Standard TAT

Email:	ehurley@teklabinc.com
Phone/PO:	38347

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

4-17-25 / 1140
4-17-25 1240

6/2/1952

Feb 11

For

4-1725 1240

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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

QC Level:	2
Sampler:	Teklab
Cooler Temp:	

Comments:	Please issue reports and invoices via email only
	Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
	Method changes require Teklab authorization. Samples collected from an IL site.
	Batch QC is required for all analyses requested. Vistra-EDD requested.

Project#	25040002
----------	----------

Contact:	Elizabeth Hurley	Email:	ehurley@teklabinc.com
Requested Due Date:	Standard TAT	Billing/PO:	38347

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
Elizabeth A. Bradley	4/17/05 / 1140	John D	4.17.05 / 1140
John D. J	4.17.05 / 1234	Chapman	4/17/05 1240

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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:		QC Level:	2
Sampler:	Teklab		

Comments:	Please issue reports and invoices via email only
	Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
	Method changes require Teklab authorization. Samples collected from an IL site.
	Batch QC is required for all analyses requested. Vistra-EDD requested.

Project#	25040002
----------	----------

Contact:	Elizabeth Hurley	Email:	ehurley@teklabinc.com
Requested Due Date:	Standard TAT	Billing/PO:	38347

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]

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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

Cooler Temp:		QC Level:	2
Sampler:	Teklab		

Comments:	Please Issue reports and invoices via email only
	Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.
	Method changes require Teklab authorization. Samples collected from an IL site.
	Batch QC is required for all analyses requested. Vistra-EDD requested.

Project# 25040002

Contact:	Elizabeth Hurley	Email:	ehurley@teklabinc.com
Requested Due Date:	Standard TAT	Billing/PO:	38347

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
Steph L. & Tracy Schmidt	4-17-25 / 1140	Steph L. Schmidt	4-17-25 / 1140
	4-17-25 / 1230	Chapman	4-17-23 1240

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Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Tuesday, May 20, 2025 11:30 AM
To: Erika Smith
Subject: RE: Eurofins TestAmerica invoice, EDD and report files from 160-57799-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Erika,

A transcription error has been detected in the collection time for WO# 25040002-002. Please revise the report and EDDs from 1332 to 1334.

Thanks for your assistance.

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: Thursday, May 15, 2025 3:16 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica invoice, EDD and report files from 160-57799-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the invoice, EDD and report files for job 160-57799-1; Radium-226 and Radium-228

The samples were received on 4/17/2025 12:40 PM.

Please feel free to contact me if you have any questions.

Thank you and have a great day!

Erika L Smith
Project Manager

Eurofins St. Louis

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



Reference: [160-332481]
Attachments: 5

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

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Thursday, April 24, 2025 5:27 PM
To: Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57799-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Thanks, Erika.

They found another error. 25040002-005 should be reported as collected on 4/15/2025 at 2:19PM. Please update this one prior to final reporting as well.

Best,

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 <Erika.Smith@et.eurofinsus.com>
Sent: Thursday, April 24, 2025 3:19 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57799-1 Radium-226 and Radium-228

Hi Elizabeth!

We will get that sample time updated.

Thank you and have a great afternoon!

Erika Jordan-Smith
Senior Project Manager

Eurofins TestAmerica – St. Louis
Phone: 314-787-8225
E-mail: Erika.Smith@ET.EurofinsUS.com

Note: A 10 business day lead time is appreciated for all bottle order requests. Expedited requests are subject to approval by the lab and will be billed accordingly. Please ask your Project Manager for more details.

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From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Wednesday, April 23, 2025 9:06 AM
To: Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57799-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Good morning, Erika,

The field team detected a transcription error on their COC. Please report 25040002-010A collection time as 1050 rather than 1054. 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: Thursday, April 17, 2025 3:41 PM

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

Subject: Eurofins TestAmerica sample confirmation files from 160-57799-1 Radium-226 and Radium-228

Good afternoon!

Attached please find the sample confirmation files for job 160-57799-1; Radium-226 and Radium-228

The samples were received on 4/17/2025 12:40 PM.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you and have a great day!

Erika L Smith
Project Manager

Eurofins St. Louis

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



Reference: [160-329578]
Attachments: 1

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

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57799-1

SDG Number: 25040002

Login Number: 57799

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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

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

Job ID: 160-57799-1
SDG: 25040002

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

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

Job ID: 160-57799-1
SDG: 25040002

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

Job ID: 160-57799-1
SDG: 25040002

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57799-1	25040002-001	Water	04/14/25 11:44	04/17/25 12:40
160-57799-2	25040002-002	Water	04/15/25 13:34	04/17/25 12:40
160-57799-3	25040002-003	Water	04/15/25 12:44	04/17/25 12:40
160-57799-4	25040002-004	Water	04/14/25 12:21	04/17/25 12:40
160-57799-5	25040002-005	Water	04/15/25 14:19	04/17/25 12:40
160-57799-6	25040002-006	Water	04/15/25 14:10	04/17/25 12:40
160-57799-7	25040002-007	Water	04/15/25 12:11	04/17/25 12:40
160-57799-8	25040002-008	Water	04/14/25 12:49	04/17/25 12:40
160-57799-9	25040002-009	Water	04/14/25 13:36	04/17/25 12:40
160-57799-10	25040002-010	Water	04/14/25 10:50	04/17/25 12:40
160-57799-11	25040002-011	Water	04/15/25 11:40	04/17/25 12:40
160-57799-12	25040002-012	Water	04/15/25 11:07	04/17/25 12:40
160-57799-13	25040002-013	Water	04/15/25 11:49	04/17/25 12:40
160-57799-14	25040002-014	Water	04/15/25 11:12	04/17/25 12:40
160-57799-15	25040002-015	Water	04/15/25 13:12	04/17/25 12:40
160-57799-16	25040002-016	Water	04/15/25 12:41	04/17/25 12:40
160-57799-17	25040002-017	Water	04/16/25 11:08	04/17/25 12:40
160-57799-18	25040002-018	Water	04/16/25 12:05	04/17/25 12:40
160-57799-19	25040002-019	Water	04/15/25 12:08	04/17/25 12:40
160-57799-20	25040002-020	Water	04/15/25 09:21	04/17/25 12:40
160-57799-21	25040002-021	Water	04/15/25 09:53	04/17/25 12:40
160-57799-22	25040002-022	Water	04/15/25 10:36	04/17/25 12:40
160-57799-23	25040002-023	Water	04/16/25 10:33	04/17/25 12:40
160-57799-24	25040002-024	Water	04/15/25 10:50	04/17/25 12:40
160-57799-25	25040002-025	Water	04/15/25 10:09	04/17/25 12:40
160-57799-26	25040002-026	Water	04/15/25 09:39	04/17/25 12:40
160-57799-27	25040002-027	Water	04/15/25 10:31	04/17/25 12:40
160-57799-28	25040002-028	Water	04/15/25 13:02	04/17/25 12:40
160-57799-29	25040002-029	Water	04/15/25 13:40	04/17/25 12:40
160-57799-30	25040002-030	Water	04/16/25 10:06	04/17/25 12:40
160-57799-31	25040002-031	Water	04/16/25 12:50	04/17/25 12:40
160-57799-32	25040002-032	Water	04/14/25 12:49	04/17/25 12:40
160-57799-33	25040002-033	Water	04/16/25 11:08	04/17/25 12:40
160-57799-34	25040002-034	Water	04/15/25 10:31	04/17/25 12:40

Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-001

Lab Sample ID: 160-57799-1

Date Collected: 04/14/25 11:44

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0756	U	0.157	0.157	1.00	0.285	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.414	U	0.356	0.358	1.00	0.561	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	78.9		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.489	U	0.389	0.391	5.00	0.561	pCi/L		05/15/25 13:13	1

Client Sample ID: 25040002-002

Lab Sample ID: 160-57799-2

Date Collected: 04/15/25 13:34

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0655	U	0.140	0.140	1.00	0.260	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.173	U	0.287	0.287	1.00	0.595	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	77.0		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.0655	U	0.319	0.319	5.00	0.595	pCi/L		05/15/25 13:13	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-003

Lab Sample ID: 160-57799-3

Date Collected: 04/15/25 12:44

Matrix: Water

Date Received: 04/17/25 12:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0967	U	0.402	0.402	1.00	0.853	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.411	U G	0.751	0.752	1.00	1.30	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.8		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	79.3		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.411	U	0.852	0.853	5.00	1.30	pCi/L		05/15/25 13:13	1

Client Sample ID: 25040002-004

Lab Sample ID: 160-57799-4

Date Collected: 04/14/25 12:21

Matrix: Water

Date Received: 04/17/25 12:40

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	0.127	U	0.339	0.339	1.00	0.634	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.0		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.683	U G	0.807	0.809	1.00	1.33	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.0		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	77.4		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.809	U	0.875	0.877	5.00	1.33	pCi/L		05/15/25 13:13	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-005

Lab Sample ID: 160-57799-5

Date Collected: 04/15/25 14:19

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0404	U	0.181	0.181	1.00	0.349	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.170	U	0.286	0.287	1.00	0.493	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	78.9		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.211	U	0.338	0.339	5.00	0.493	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-006

Lab Sample ID: 160-57799-6

Date Collected: 04/15/25 14:10

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0551	U	0.139	0.139	1.00	0.262	pCi/L	04/21/25 07:34	05/14/25 18:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					04/21/25 07:34	05/14/25 18:13	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	0.519		0.322	0.326	1.00	0.466	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	88.2		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.574		0.351	0.354	5.00	0.466	pCi/L		05/15/25 13:39	1

Eurofins St. Louis

Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-007

Lab Sample ID: 160-57799-7

Date Collected: 04/15/25 12:11

Matrix: Water

Date Received: 04/17/25 12:40

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	-0.0151	U	0.157	0.157	1.00	0.329	pCi/L	04/21/25 07:34	05/14/25 18:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:34	05/14/25 18:13	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	-0.452	U	0.279	0.282	1.00	0.651	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	75.1		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.320	0.323	5.00	0.651	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-008

Lab Sample ID: 160-57799-8

Date Collected: 04/14/25 12:49

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0707	U	0.230	0.230	1.00	0.422	pCi/L	04/21/25 07:34	05/14/25 18:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/21/25 07:34	05/14/25 18:13	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	0.570	U	0.395	0.399	1.00	0.595	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	76.3		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.640		0.457	0.461	5.00	0.595	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-009

Lab Sample ID: 160-57799-9

Date Collected: 04/14/25 13:36

Matrix: Water

Date Received: 04/17/25 12:40

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	-0.0282	U	0.199	0.199	1.00	0.402	pCi/L	04/21/25 07:34	05/14/25 18:13	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					04/21/25 07:34	05/14/25 18:13	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	0.196	U	0.275	0.275	1.00	0.463	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	78.9		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.196	U	0.339	0.339	5.00	0.463	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-010

Lab Sample ID: 160-57799-10

Date Collected: 04/14/25 10:50

Matrix: Water

Date Received: 04/17/25 12:40

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	0.296	U	0.223	0.224	1.00	0.323	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.414	U	0.427	0.429	1.00	0.692	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	75.1		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.710		0.482	0.484	5.00	0.692	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-011

Lab Sample ID: 160-57799-11

Date Collected: 04/15/25 11:40

Matrix: Water

Date Received: 04/17/25 12:40

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	0.279	U	0.212	0.213	1.00	0.308	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.907		0.418	0.426	1.00	0.567	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	78.5		30 - 110					04/21/25 07:37	05/14/25 09:41	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.19		0.469	0.476	5.00	0.567	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-012

Lab Sample ID: 160-57799-12

Date Collected: 04/15/25 11:07

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0730	U	0.153	0.153	1.00	0.278	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.927		0.399	0.408	1.00	0.523	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	81.1		30 - 110					04/21/25 07:37	05/14/25 09:41	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	1.00		0.427	0.436	5.00	0.523	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-013

Lab Sample ID: 160-57799-13

Date Collected: 04/15/25 11:49

Matrix: Water

Date Received: 04/17/25 12:40

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	0.314		0.216	0.218	1.00	0.301	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.652		0.373	0.378	1.00	0.531	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	78.9		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.966		0.431	0.436	5.00	0.531	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-014

Lab Sample ID: 160-57799-14

Date Collected: 04/15/25 11:12

Matrix: Water

Date Received: 04/17/25 12:40

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	0.109	U	0.183	0.184	1.00	0.321	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.283	U	0.363	0.364	1.00	0.605	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	81.5		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.391	U	0.407	0.408	5.00	0.605	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-015

Lab Sample ID: 160-57799-15

Date Collected: 04/15/25 13:12

Matrix: Water

Date Received: 04/17/25 12:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.158	U	0.191	0.192	1.00	0.314	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.816		0.416	0.423	1.00	0.584	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	81.1		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.974		0.458	0.465	5.00	0.584	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-016

Lab Sample ID: 160-57799-16

Date Collected: 04/15/25 12:41

Matrix: Water

Date Received: 04/17/25 12:40

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		0.206	0.207	1.00	0.280	pCi/L	04/21/25 07:34	05/14/25 18:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					04/21/25 07:34	05/14/25 18:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.655		0.385	0.390	1.00	0.560	pCi/L	04/21/25 07:37	05/14/25 09:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	80.0		30 - 110					04/21/25 07:37	05/14/25 09:41	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	0.958		0.437	0.442	5.00	0.560	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-017

Lab Sample ID: 160-57799-17

Date Collected: 04/16/25 11:08

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0541	U	0.207	0.207	1.00	0.386	pCi/L	04/21/25 07:34	05/14/25 18:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					04/21/25 07:34	05/14/25 18:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.791		0.401	0.407	1.00	0.554	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	82.2		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.845		0.451	0.457	5.00	0.554	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-018

Lab Sample ID: 160-57799-18

Date Collected: 04/16/25 12:05

Matrix: Water

Date Received: 04/17/25 12:40

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	0.130	U	0.192	0.192	1.00	0.328	pCi/L	04/21/25 07:34	05/14/25 18:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:34	05/14/25 18:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.794		0.460	0.465	1.00	0.678	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	79.6		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.924		0.498	0.503	5.00	0.678	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-019

Lab Sample ID: 160-57799-19

Date Collected: 04/15/25 12:08

Matrix: Water

Date Received: 04/17/25 12:40

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	0.369	U	0.414	0.415	1.00	0.668	pCi/L	04/21/25 07:34	05/14/25 18:09	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					04/21/25 07:34	05/14/25 18:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.836	U G	0.784	0.788	1.00	1.25	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	80.4		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.20	U	0.887	0.891	5.00	1.25	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-020

Lab Sample ID: 160-57799-20

Date Collected: 04/15/25 09:21

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0287	U	0.135	0.135	1.00	0.269	pCi/L	04/21/25 07:34	05/14/25 18:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:34	05/14/25 18:08	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	0.148	U	0.322	0.322	1.00	0.561	pCi/L	04/21/25 07:37	05/14/25 09:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:37	05/14/25 09:42	1
Y Carrier	81.9		30 - 110					04/21/25 07:37	05/14/25 09:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.176	U	0.349	0.349	5.00	0.561	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-021

Lab Sample ID: 160-57799-21

Date Collected: 04/15/25 09:53

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0983	U	0.248	0.248	1.00	0.456	pCi/L	04/21/25 07:39	05/14/25 18:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:39	05/14/25 18:11	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	0.382	U	0.430	0.432	1.00	0.704	pCi/L	04/21/25 07:42	05/14/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:42	05/14/25 11:41	1
Y Carrier	79.6		30 - 110					04/21/25 07:42	05/14/25 11:41	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	0.480	U	0.496	0.498	5.00	0.704	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-022

Lab Sample ID: 160-57799-22

Date Collected: 04/15/25 10:36

Matrix: Water

Date Received: 04/17/25 12:40

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	0.147	U	0.171	0.172	1.00	0.278	pCi/L	04/21/25 07:39	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					04/21/25 07:39	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.308	U	0.319	0.320	1.00	0.515	pCi/L	04/21/25 07:42	05/14/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					04/21/25 07:42	05/14/25 11:42	1
Y Carrier	80.4		30 - 110					04/21/25 07:42	05/14/25 11:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.455	U	0.362	0.363	5.00	0.515	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-023

Lab Sample ID: 160-57799-23

Date Collected: 04/16/25 10:33

Matrix: Water

Date Received: 04/17/25 12:40

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	0.427	U	0.497	0.498	1.00	0.807	pCi/L	04/21/25 07:39	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.7		30 - 110					04/21/25 07:39	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.16	U G	0.934	0.940	1.00	1.44	pCi/L	04/21/25 07:42	05/14/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	65.7		30 - 110					04/21/25 07:42	05/14/25 11:42	1
Y Carrier	75.9		30 - 110					04/21/25 07:42	05/14/25 11:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.58		1.06	1.06	5.00	1.44	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-024

Lab Sample ID: 160-57799-24

Date Collected: 04/15/25 10:50

Matrix: Water

Date Received: 04/17/25 12:40

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	0.144	U	0.168	0.169	1.00	0.272	pCi/L	04/21/25 07:39	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:39	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.226	U	0.262	0.263	1.00	0.573	pCi/L	04/21/25 07:42	05/14/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.6		30 - 110					04/21/25 07:42	05/14/25 11:42	1
Y Carrier	71.4		30 - 110					04/21/25 07:42	05/14/25 11:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.144	U	0.311	0.313	5.00	0.573	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-025

Lab Sample ID: 160-57799-25

Date Collected: 04/15/25 10:09

Matrix: Water

Date Received: 04/17/25 12:40

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	0.139	U	0.155	0.155	1.00	0.243	pCi/L	04/21/25 07:39	05/14/25 18:12	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					04/21/25 07:39	05/14/25 18:12	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.413	U	0.375	0.376	1.00	0.593	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.2		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	78.9		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.552	U	0.406	0.407	5.00	0.593	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-026

Lab Sample ID: 160-57799-26

Date Collected: 04/15/25 09:39

Matrix: Water

Date Received: 04/17/25 12:40

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	0.264	U	0.199	0.200	1.00	0.279	pCi/L	04/21/25 07:39	05/14/25 20:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					04/21/25 07:39	05/14/25 20:21	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	0.334	U	0.335	0.336	1.00	0.536	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.7		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	74.0		30 - 110					04/21/25 07:42	05/14/25 11:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.598		0.390	0.391	5.00	0.536	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-027

Lab Sample ID: 160-57799-27

Date Collected: 04/15/25 10:31

Matrix: Water

Date Received: 04/17/25 12:40

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	0.130	U	0.180	0.181	1.00	0.305	pCi/L	04/21/25 07:39	05/14/25 20:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					04/21/25 07:39	05/14/25 20:21	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	0.206	U	0.379	0.380	1.00	0.653	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	74.4		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.335	U	0.420	0.421	5.00	0.653	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-028

Lab Sample ID: 160-57799-28

Date Collected: 04/15/25 13:02

Matrix: Water

Date Received: 04/17/25 12:40

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	0.198	U	0.252	0.253	1.00	0.420	pCi/L	04/21/25 07:39	05/14/25 20:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:39	05/14/25 20:21	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	-0.125	U	0.353	0.353	1.00	0.688	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.4		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	73.6		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.198	U	0.434	0.434	5.00	0.688	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-029

Lab Sample ID: 160-57799-29

Date Collected: 04/15/25 13:40

Matrix: Water

Date Received: 04/17/25 12:40

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	0.192	0.193	1.00	0.339	pCi/L	04/21/25 07:39	05/14/25 20:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/21/25 07:39	05/14/25 20:21	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	0.485	U	0.416	0.418	1.00	0.653	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	77.0		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.592	U	0.458	0.460	5.00	0.653	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-030

Lab Sample ID: 160-57799-30

Date Collected: 04/16/25 10:06

Matrix: Water

Date Received: 04/17/25 12:40

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	0.141	U	0.181	0.182	1.00	0.301	pCi/L	04/21/25 07:39	05/14/25 20:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					04/21/25 07:39	05/14/25 20:22	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	0.615	U	0.457	0.461	1.00	0.699	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	71.4		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.756		0.492	0.496	5.00	0.699	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-031

Lab Sample ID: 160-57799-31

Date Collected: 04/16/25 12:50

Matrix: Water

Date Received: 04/17/25 12:40

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	0.156	0.157	1.00	0.240	pCi/L	04/21/25 07:39	05/14/25 20:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					04/21/25 07:39	05/14/25 20:22	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	0.445	U	0.426	0.428	1.00	0.680	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	74.8		30 - 110					04/21/25 07:42	05/14/25 11:53	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.595	U	0.454	0.456	5.00	0.680	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-032

Lab Sample ID: 160-57799-32

Date Collected: 04/14/25 12:49

Matrix: Water

Date Received: 04/17/25 12:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.458		0.253	0.256	1.00	0.317	pCi/L	04/21/25 07:39	05/14/25 20:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					04/21/25 07:39	05/14/25 20:23	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	0.230	U	0.389	0.389	1.00	0.665	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.1		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	75.9		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.688		0.464	0.466	5.00	0.665	pCi/L		05/15/25 13:39	1

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Client Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Client Sample ID: 25040002-033

Lab Sample ID: 160-57799-33

Date Collected: 04/16/25 11:08

Matrix: Water

Date Received: 04/17/25 12:40

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	0.0376	U	0.138	0.138	1.00	0.269	pCi/L	04/21/25 07:39	05/14/25 20:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					04/21/25 07:39	05/14/25 20:23	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	0.180	U	0.316	0.316	1.00	0.546	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	73.6		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.218	U	0.345	0.345	5.00	0.546	pCi/L		05/15/25 13:39	1

Client Sample ID: 25040002-034

Lab Sample ID: 160-57799-34

Date Collected: 04/15/25 10:31

Matrix: Water

Date Received: 04/17/25 12:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.148	U	0.147	0.148	1.00	0.221	pCi/L	04/21/25 07:39	05/14/25 20:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					04/21/25 07:39	05/14/25 20:23	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.508	U	0.348	0.351	1.00	0.518	pCi/L	04/21/25 07:42	05/14/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					04/21/25 07:42	05/14/25 11:53	1
Y Carrier	79.3		30 - 110					04/21/25 07:42	05/14/25 11:53	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	0.655		0.378	0.381	5.00	0.518	pCi/L		05/15/25 13:39	1

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QC Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-713486/1-A
Matrix: Water
Analysis Batch: 717541

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713486

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1026	U	0.202	0.202	1.00	0.359	pCi/L	04/21/25 07:34	05/14/25 18:12	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					04/21/25 07:34	05/14/25 18:12	1

Lab Sample ID: LCS 160-713486/2-A
Matrix: Water
Analysis Batch: 717541

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713486

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.701		1.27	1.00	0.294	pCi/L	101	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	88.0		30 - 110							

Lab Sample ID: 160-57799-1 DU
Matrix: Water
Analysis Batch: 717541

Client Sample ID: 25040002-001
Prep Type: Total/NA
Prep Batch: 713486

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0756	U	0.1297	U	0.156	1.00	0.254	pCi/L	0.17	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	93.1		30 - 110							

Lab Sample ID: MB 160-713488/1-A
Matrix: Water
Analysis Batch: 717539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713488

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07705	U	0.126	0.126	1.00	0.308	pCi/L	04/21/25 07:39	05/14/25 18:09	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.1		30 - 110					04/21/25 07:39	05/14/25 18:09	1

Lab Sample ID: LCS 160-713488/2-A
Matrix: Water
Analysis Batch: 717539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713488

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.408		1.16	1.00	0.415	pCi/L	88	75 - 125

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QC Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-713488/2-A
Matrix: Water
Analysis Batch: 717539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713488

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	92.1		30 - 110

Lab Sample ID: 160-57799-30 DU
Matrix: Water
Analysis Batch: 717539

Client Sample ID: 25040002-030
Prep Type: Total/NA
Prep Batch: 713488

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.141	U	0.1379	U	0.178	1.00	0.295	pCi/L	0.01	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	83.4		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-713487/1-A
Matrix: Water
Analysis Batch: 717542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713487

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.02401	U	0.349	0.349	1.00	0.652	pCi/L	04/21/25 07:37	05/14/25 09:41	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					04/21/25 07:37	05/14/25 09:41	1
Y Carrier	78.9		30 - 110					04/21/25 07:37	05/14/25 09:41	1

Lab Sample ID: LCS 160-713487/2-A
Matrix: Water
Analysis Batch: 717542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713487

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.45	9.896		1.34	1.00	0.532	pCi/L	105	75 - 125
	LCS	LCS							
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	88.0		30 - 110						
Y Carrier	80.7		30 - 110						

Lab Sample ID: 160-57799-1 DU
Matrix: Water
Analysis Batch: 717542

Client Sample ID: 25040002-001
Prep Type: Total/NA
Prep Batch: 713487

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.414	U	0.3388	U	0.359	1.00	0.580	pCi/L	0.10	1

Eurofins St. Louis

QC Sample Results

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

Job ID: 160-57799-1
SDG: 25040002

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 160-57799-1 DU
Matrix: Water
Analysis Batch: 717542

Client Sample ID: 25040002-001
Prep Type: Total/NA
Prep Batch: 713487

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	93.1		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: MB 160-713490/1-A
Matrix: Water
Analysis Batch: 717539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 713490

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3085	U	0.309	0.310	1.00	0.497	pCi/L	04/21/25 07:42	05/14/25 11:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.1		30 - 110					04/21/25 07:42	05/14/25 11:40	1
Y Carrier	84.1		30 - 110					04/21/25 07:42	05/14/25 11:40	1

Lab Sample ID: LCS 160-713490/2-A
Matrix: Water
Analysis Batch: 717539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 713490

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.45	9.951		1.38	1.00	0.666	pCi/L	105	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	92.1		30 - 110						
Y Carrier	77.8		30 - 110						

Lab Sample ID: 160-57799-30 DU
Matrix: Water
Analysis Batch: 717541

Client Sample ID: 25040002-030
Prep Type: Total/NA
Prep Batch: 713490

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.615	U	0.5501	U	0.448	1.00	0.692	pCi/L	0.07	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	83.4		30 - 110							
Y Carrier	71.4		30 - 110							

QC Association Summary

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

Job ID: 160-57799-1
SDG: 25040002

Rad

Prep Batch: 713486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57799-1	25040002-001	Total/NA	Water	PrecSep-21	
160-57799-2	25040002-002	Total/NA	Water	PrecSep-21	
160-57799-3	25040002-003	Total/NA	Water	PrecSep-21	
160-57799-4	25040002-004	Total/NA	Water	PrecSep-21	
160-57799-5	25040002-005	Total/NA	Water	PrecSep-21	
160-57799-6	25040002-006	Total/NA	Water	PrecSep-21	
160-57799-7	25040002-007	Total/NA	Water	PrecSep-21	
160-57799-8	25040002-008	Total/NA	Water	PrecSep-21	
160-57799-9	25040002-009	Total/NA	Water	PrecSep-21	
160-57799-10	25040002-010	Total/NA	Water	PrecSep-21	
160-57799-11	25040002-011	Total/NA	Water	PrecSep-21	
160-57799-12	25040002-012	Total/NA	Water	PrecSep-21	
160-57799-13	25040002-013	Total/NA	Water	PrecSep-21	
160-57799-14	25040002-014	Total/NA	Water	PrecSep-21	
160-57799-15	25040002-015	Total/NA	Water	PrecSep-21	
160-57799-16	25040002-016	Total/NA	Water	PrecSep-21	
160-57799-17	25040002-017	Total/NA	Water	PrecSep-21	
160-57799-18	25040002-018	Total/NA	Water	PrecSep-21	
160-57799-19	25040002-019	Total/NA	Water	PrecSep-21	
160-57799-20	25040002-020	Total/NA	Water	PrecSep-21	
MB 160-713486/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-713486/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57799-1 DU	25040002-001	Total/NA	Water	PrecSep-21	

Prep Batch: 713487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57799-1	25040002-001	Total/NA	Water	PrecSep_0	
160-57799-2	25040002-002	Total/NA	Water	PrecSep_0	
160-57799-3	25040002-003	Total/NA	Water	PrecSep_0	
160-57799-4	25040002-004	Total/NA	Water	PrecSep_0	
160-57799-5	25040002-005	Total/NA	Water	PrecSep_0	
160-57799-6	25040002-006	Total/NA	Water	PrecSep_0	
160-57799-7	25040002-007	Total/NA	Water	PrecSep_0	
160-57799-8	25040002-008	Total/NA	Water	PrecSep_0	
160-57799-9	25040002-009	Total/NA	Water	PrecSep_0	
160-57799-10	25040002-010	Total/NA	Water	PrecSep_0	
160-57799-11	25040002-011	Total/NA	Water	PrecSep_0	
160-57799-12	25040002-012	Total/NA	Water	PrecSep_0	
160-57799-13	25040002-013	Total/NA	Water	PrecSep_0	
160-57799-14	25040002-014	Total/NA	Water	PrecSep_0	
160-57799-15	25040002-015	Total/NA	Water	PrecSep_0	
160-57799-16	25040002-016	Total/NA	Water	PrecSep_0	
160-57799-17	25040002-017	Total/NA	Water	PrecSep_0	
160-57799-18	25040002-018	Total/NA	Water	PrecSep_0	
160-57799-19	25040002-019	Total/NA	Water	PrecSep_0	
160-57799-20	25040002-020	Total/NA	Water	PrecSep_0	
MB 160-713487/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-713487/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57799-1 DU	25040002-001	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 160-57799-1
SDG: 25040002

Rad

Prep Batch: 713488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57799-21	25040002-021	Total/NA	Water	PrecSep-21	
160-57799-22	25040002-022	Total/NA	Water	PrecSep-21	
160-57799-23	25040002-023	Total/NA	Water	PrecSep-21	
160-57799-24	25040002-024	Total/NA	Water	PrecSep-21	
160-57799-25	25040002-025	Total/NA	Water	PrecSep-21	
160-57799-26	25040002-026	Total/NA	Water	PrecSep-21	
160-57799-27	25040002-027	Total/NA	Water	PrecSep-21	
160-57799-28	25040002-028	Total/NA	Water	PrecSep-21	
160-57799-29	25040002-029	Total/NA	Water	PrecSep-21	
160-57799-30	25040002-030	Total/NA	Water	PrecSep-21	
160-57799-31	25040002-031	Total/NA	Water	PrecSep-21	
160-57799-32	25040002-032	Total/NA	Water	PrecSep-21	
160-57799-33	25040002-033	Total/NA	Water	PrecSep-21	
160-57799-34	25040002-034	Total/NA	Water	PrecSep-21	
MB 160-713488/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-713488/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57799-30 DU	25040002-030	Total/NA	Water	PrecSep-21	

Prep Batch: 713490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57799-21	25040002-021	Total/NA	Water	PrecSep_0	
160-57799-22	25040002-022	Total/NA	Water	PrecSep_0	
160-57799-23	25040002-023	Total/NA	Water	PrecSep_0	
160-57799-24	25040002-024	Total/NA	Water	PrecSep_0	
160-57799-25	25040002-025	Total/NA	Water	PrecSep_0	
160-57799-26	25040002-026	Total/NA	Water	PrecSep_0	
160-57799-27	25040002-027	Total/NA	Water	PrecSep_0	
160-57799-28	25040002-028	Total/NA	Water	PrecSep_0	
160-57799-29	25040002-029	Total/NA	Water	PrecSep_0	
160-57799-30	25040002-030	Total/NA	Water	PrecSep_0	
160-57799-31	25040002-031	Total/NA	Water	PrecSep_0	
160-57799-32	25040002-032	Total/NA	Water	PrecSep_0	
160-57799-33	25040002-033	Total/NA	Water	PrecSep_0	
160-57799-34	25040002-034	Total/NA	Water	PrecSep_0	
MB 160-713490/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-713490/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57799-30 DU	25040002-030	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Job ID: 160-57799-1
SDG: 25040002

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-57799-1	25040002-001	91.0					
160-57799-1 DU	25040002-001	93.1					
160-57799-2	25040002-002	83.4					
160-57799-3	25040002-003	78.8					
160-57799-4	25040002-004	79.0					
160-57799-5	25040002-005	91.6					
160-57799-6	25040002-006	88.7					
160-57799-7	25040002-007	86.4					
160-57799-8	25040002-008	85.4					
160-57799-9	25040002-009	93.9					
160-57799-10	25040002-010	86.4					
160-57799-11	25040002-011	91.3					
160-57799-12	25040002-012	91.6					
160-57799-13	25040002-013	91.0					
160-57799-14	25040002-014	87.7					
160-57799-15	25040002-015	88.7					
160-57799-16	25040002-016	92.3					
160-57799-17	25040002-017	86.2					
160-57799-18	25040002-018	88.2					
160-57799-19	25040002-019	81.6					
160-57799-20	25040002-020	93.6					
160-57799-21	25040002-021	86.4					
160-57799-22	25040002-022	92.8					
160-57799-23	25040002-023	65.7					
160-57799-24	25040002-024	93.6					
160-57799-25	25040002-025	86.2					
160-57799-26	25040002-026	86.7					
160-57799-27	25040002-027	90.5					
160-57799-28	25040002-028	86.4					
160-57799-29	25040002-029	85.4					
160-57799-30	25040002-030	82.6					
160-57799-30 DU	25040002-030	83.4					
160-57799-31	25040002-031	80.3					
160-57799-32	25040002-032	84.1					
160-57799-33	25040002-033	90.0					
160-57799-34	25040002-034	92.1					
LCS 160-713486/2-A	Lab Control Sample	88.0					
LCS 160-713488/2-A	Lab Control Sample	92.1					
MB 160-713486/1-A	Method Blank	84.7					
MB 160-713488/1-A	Method Blank	94.1					

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

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

Job ID: 160-57799-1
SDG: 25040002

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)
160-57799-1	25040002-001	91.0	78.9
160-57799-1 DU	25040002-001	93.1	77.0
160-57799-2	25040002-002	83.4	77.0
160-57799-3	25040002-003	78.8	79.3
160-57799-4	25040002-004	79.0	77.4
160-57799-5	25040002-005	91.6	78.9
160-57799-6	25040002-006	88.7	88.2
160-57799-7	25040002-007	86.4	75.1
160-57799-8	25040002-008	85.4	76.3
160-57799-9	25040002-009	93.9	78.9
160-57799-10	25040002-010	86.4	75.1
160-57799-11	25040002-011	91.3	78.5
160-57799-12	25040002-012	91.6	81.1
160-57799-13	25040002-013	91.0	78.9
160-57799-14	25040002-014	87.7	81.5
160-57799-15	25040002-015	88.7	81.1
160-57799-16	25040002-016	92.3	80.0
160-57799-17	25040002-017	86.2	82.2
160-57799-18	25040002-018	88.2	79.6
160-57799-19	25040002-019	81.6	80.4
160-57799-20	25040002-020	93.6	81.9
160-57799-21	25040002-021	86.4	79.6
160-57799-22	25040002-022	92.8	80.4
160-57799-23	25040002-023	65.7	75.9
160-57799-24	25040002-024	93.6	71.4
160-57799-25	25040002-025	86.2	78.9
160-57799-26	25040002-026	86.7	74.0
160-57799-27	25040002-027	90.5	74.4
160-57799-28	25040002-028	86.4	73.6
160-57799-29	25040002-029	85.4	77.0
160-57799-30	25040002-030	82.6	71.4
160-57799-30 DU	25040002-030	83.4	71.4
160-57799-31	25040002-031	80.3	74.8
160-57799-32	25040002-032	84.1	75.9
160-57799-33	25040002-033	90.0	73.6
160-57799-34	25040002-034	92.1	79.3
LCS 160-713487/2-A	Lab Control Sample	88.0	80.7
LCS 160-713490/2-A	Lab Control Sample	92.1	77.8
MB 160-713487/1-A	Method Blank	84.7	78.9
MB 160-713490/1-A	Method Blank	94.1	84.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-104DR
 Sample ID: 001
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:42 Static Water Level: 8.12 feet below TOC
 Total Depth: 31.50 feet below TOC
 Water Column: 23.38 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 23.38 ft. x 0.022 = 0.51 L x 3 Vol. = 1.53 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
12:42	0.0	200	purge start time						
12:55	2.6	↓	6.97	1,718.50	15.83	2.18	20.90	6.85	
12:58	3.2		6.97	1,715.40	16.06	2.07	21.20	5.03	
13:01	3.8		6.95	1,713.00	16.71	1.91	21.10	4.02	
13:04	4.4		6.95	1,715.70	16.91	1.90	21.50	3.90	
13:07	5.0		6.95	1,715.30	16.88	1.89	21.80	3.91	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 13:07
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.95 pH 1,715.30 Spec. Cond. 16.88 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 8.19 feet below TOC Drawdown: 0.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-104SR
 Sample ID: 002
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:10 Static Water Level: 7.95 feet below TOC
 Total Depth: 18.00 feet below TOC
 Water Column: 10.05 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 10.05 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 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
12:10	0.0	192	purge start time						
12:24	2.7	↓	6.81	2,203.50	13.05	1.90	35.60	2.94	
12:27	3.3		6.77	2,196.00	12.96	1.76	36.30	2.42	
12:30	3.8		6.75	2,152.50	12.95	1.34	35.20	1.52	
12:33	4.4		6.72	2,175.30	12.93	0.98	34.70	1.20	
12:36	5.0		6.72	2,193.30	12.93	0.83	34.10	1.24	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 12:36
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.72 pH 2,193.30 Spec. Cond. 12.93 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 8.14 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-150
 Sample ID: 003
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 65 °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: 4/14/2025 11:17 Static Water Level: 15.78 feet below TOC
 Total Depth: 27.90 feet below TOC
 Water Column: 12.12 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 12.12 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 6.00 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
11:17	0.0	222	purge start time						
11:29	2.7	↓	7.08	4,140.80	14.99	5.26	6.80	9.32	
11:32	3.3		7.07	4,143.20	14.95	5.19	9.70	7.98	
11:35	4.0		7.07	4,137.00	14.95	5.13	12.00	6.91	
11:38	4.7		7.07	4,129.80	14.98	5.06	14.00	6.32	
11:41	5.3		7.07	4,122.00	15.07	5.00	15.60	6.77	
11:44	6.0		7.07	4,116.00	15.08	4.94	17.10	8.79	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 11:44
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.07 pH 4,116.00 Spec. Cond. 15.08 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 16.03 feet below TOC Drawdown: 0.25 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-151
 Sample ID: 004
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 59 °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: 4/15/2025 13:12 Static Water Level: 4.25 feet below TOC
 Total Depth: 19.00 feet below TOC
 Water Column: 14.75 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 14.75 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 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
13:12	0.0	227	purge start time						
13:22	2.3	↓	6.77	1,002.50	11.97	1.77	31.00	17.87	
13:25	3.0		6.75	998.10	12.03	1.49	30.70	15.13	
13:28	3.6		6.74	995.30	12.01	1.33	30.40	12.81	
13:31	4.3		6.73	992.10	11.77	1.19	30.30	14.00	
13:34	5.0		6.72	990.30	11.72	1.10	30.20	13.00	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 13:34
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.72 pH 990.30 Spec. Cond. 11.72 Temp
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 4.47 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-152
 Sample ID: 005
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 57 °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: 4/15/2025 12:16 Static Water Level: 5.61 feet below TOC
 Total Depth: 20.00 feet below TOC
 Water Column: 14.39 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 14.39 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 9.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: Lt yellow

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
12:16	0.0	321	purge start time						
12:32	5.1	↓	6.82	1,163.60	11.95	1.73	22.70	148.81	
12:35	6.1		6.80	1,164.80	11.96	1.01	21.80	121.30	
12:38	7.1		6.79	1,166.90	12.04	0.77	21.20	86.53	
12:41	8.0		6.78	1,166.40	12.09	0.66	20.70	75.54	
12:44	9.0		6.78	1,168.50	12.07	0.59	20.50	75.12	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 12:44
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.78 pH 1,168.50 Spec. Cond. 12.07 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 6.01 feet below TOC Drawdown: 0.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432
-

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-153
 Sample ID: 006
 Date (s): 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:01 Static Water Level: 8.96 feet below TOC
 Total Depth: 23.40 feet below TOC
 Water Column: 14.44 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 14.44 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.00 L
 Physical appearance of purge water: Cloudy Odor: None Color: lt yellow

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
12:03	0.0	222	purge start time						
12:09	1.3	↓	7.00	654.90	14.27	1.29	124.70	154.26	
12:12	2.0		6.95	656.50	14.24	1.19	124.10	118.00	
12:15	2.7		6.93	657.70	14.25	1.24	123.20	104.50	
12:18	3.3		6.91	657.20	14.32	1.31	122.30	100.39	
12:21	4.0		6.90	657.00	14.39	1.31	121.40	92.03	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 12:21
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.90 pH 657.00 Spec. Cond. 14.39 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 10.63 feet below TOC Drawdown: 1.67 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: MW-154
Sample ID: 007
Date (s): 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 67 °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: 4/14/2025 11:02 Static Water Level: 5.08 feet below TOC
 Total Depth: 15.40 feet below TOC
 Water Column: 10.32 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 10.32 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.50 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
11:06	0.0	208	purge start time						
11:09	0.6	↓	6.71	1,076.40	13.17	3.28	101.90	5.36	
11:12	1.3		6.63	1,075.40	12.95	2.42	102.70	4.93	
11:15	1.9		6.60	1,074.70	13.18	2.26	102.90	4.04	
11:18	2.5		6.59	1,074.90	13.17	2.24	103.10	4.17	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 11:18
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.59 pH 1,074.90 Spec. Cond. 13.17 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 8.04 feet below TOC Drawdown: 2.96 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Justin Colp

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-155
Project Location: Baldwin, IL **Sample ID:** 008
W.O. Number (s): 25040001 **Date (s):** 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 66 °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				
Reference Mark/Identification	Yes		Well		X

Groundwater Level Measurements

Date/Time Measured: 4/14/2025 10:19 Static Water Level: 15.75 feet below TOC
 Total Depth: 23.40 feet below TOC
 Water Column: 7.65 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 7.65 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.50 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
10:35	0.0	208	purge start time						
10:38	0.6	↓	6.92	872.80	14.06	3.41	100.40	48.95	
10:41	1.3		6.85	875.10	14.00	1.44	97.90	33.61	
10:44	1.9		6.83	876.60	13.96	1.04	96.00	32.85	
10:47	2.5		6.83	876.80	13.94	0.91	94.40	29.42	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 10:47
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.83 pH 876.80 Spec. Cond. 13.94 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 16.35 feet below TOC Drawdown: 0.60 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By:  Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-192
 Sample ID: 009
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 60 °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: 4/15/2025 13:55 Static Water Level: 7.94 feet below TOC
 Total Depth: 32.91 feet below TOC
 Water Column: 24.97 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 24.966 ft. x 0.022 = 0.55 L x 3 Vol. = 1.65 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
13:55	0.0	208	purge start time						
14:04	1.9	↓	6.81	733.80	15.58	2.08	33.80	15.16	
14:07	2.5		6.77	733.10	15.52	1.40	33.50	13.80	
14:10	3.1		6.75	732.70	15.42	1.15	33.20	14.56	
14:13	3.8		6.74	732.30	15.44	1.02	32.90	14.45	
14:16	4.4		6.73	732.40	15.45	0.93	32.60	15.93	
14:19	5.0		6.72	732.40	15.36	0.87	32.30	14.15	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 14:19
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.72 pH 732.40 Spec. Cond. 15.36 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 8.05 feet below TOC Drawdown: 0.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-193
 Sample ID: 010
 Date (s): 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 60 °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: 4/15/2025 13:54 Static Water Level: 8.84 feet below TOC
 Total Depth: 35.54 feet below TOC
 Water Column: 26.70 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 26.703 ft. x 0.022 = 0.59 L x 3 Vol. = 1.77 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.50 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
13:54	0.0	219	purge start time						
13:58	0.9	↓	7.14	963.50	15.83	1.71	28.70	14.08	
14:01	1.5		6.89	962.40	15.92	1.23	31.90	7.18	
14:04	2.2		6.81	961.90	15.98	0.89	33.80	6.13	
14:07	2.8		6.77	961.70	16.02	0.74	35.10	5.41	
14:10	3.5		6.74	962.10	15.97	0.67	36.20	4.94	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 14:10
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.74 pH 962.10 Spec. Cond. 15.97 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 10.10 feet below TOC Drawdown: 1.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-252
 Sample ID: 011
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 56 °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: 4/15/2025 11:47 Static Water Level: 3.22 feet below TOC
 Total Depth: 52.30 feet below TOC
 Water Column: 49.08 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 49.08 ft. x 0.022 = 1.08 L x 3 Vol. = 3.24 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.50 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
11:47	0.0	188	purge start time						
11:59	2.3	↓	6.88	1,696.40	13.95	4.38	10.90	11.17	
12:02	2.8		6.86	1,697.20	13.83	3.37	11.70	7.88	
12:05	3.4		6.86	1,694.90	13.78	3.00	12.70	7.47	
12:08	3.9		6.83	1,696.00	13.97	2.73	13.70	7.84	
12:11	4.5		6.81	1,694.20	14.04	2.53	14.50	7.50	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 12:11
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.81 pH 1,694.20 Spec. Cond. 14.04 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 3.62 feet below TOC Drawdown: 0.40 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-253R
 Sample ID: 012
 Date (s): 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:07 Static Water Level: 14.56 feet below TOC
 Total Depth: 38.49 feet below TOC
 Water Column: 23.93 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 23.93 ft. x 0.022 = 0.53 L x 3 Vol. = 1.59 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.00 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
12:30	0.0	105	purge start time						
12:37	0.7	↓	6.79	1,831.20	16.53	2.45	-14.30	6.13	
12:40	1.1		6.75	1,874.80	15.83	1.08	-36.40	34.80	
12:43	1.4		6.72	1,869.70	15.80	0.73	-39.60	19.34	
12:46	1.7		6.70	1,858.40	15.90	0.63	-41.00	11.75	
12:49	2.0		6.68	1,857.20	15.80	0.52	-43.00	5.93	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 12:49
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.68 pH 1,857.20 Spec. Cond. 15.80 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 17.41 feet below TOC Drawdown: 2.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-304
 Sample ID: 013
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 70 °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: 4/14/2025 13:13 Static Water Level: 8.61 feet below TOC
 Total Depth: 57.50 feet below TOC
 Water Column: 48.89 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 48.89 ft. x 0.022 = 1.08 L x 3 Vol. = 3.24 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
13:13	0.0	217	purge start time						
13:24	2.4	↓	7.76	4,240.50	15.18	1.81	72.80	2.99	
13:27	3.0		7.79	4,224.40	15.21	1.13	70.00	2.36	
13:30	3.7		7.79	4,201.10	15.08	0.85	67.90	2.39	
13:33	4.3		7.75	4,168.40	15.14	0.78	66.20	3.19	
13:36	5.0		7.73	4,156.00	15.14	0.82	64.90	3.19	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 13:36
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.73 pH 4,156.00 Spec. Cond. 15.14 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 8.75 feet below TOC Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-350R
 Sample ID: 014
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 66 °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: 4/14/2025 10:19 Static Water Level: 19.07 feet below TOC
 Total Depth: 50.16 feet below TOC
 Water Column: 31.09 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 31.09 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 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
10:19	0.0	161	purge start time						
10:38	3.1	↓	7.53	1,849.70	14.84	1.24	-78.80	9.05	
10:41	3.5		7.52	1,849.20	14.92	1.16	-81.20	8.53	
10:44	4.0		7.52	1,851.10	14.87	1.10	-82.90	9.02	
10:47	4.5		7.53	1,851.20	14.95	1.06	-84.50	9.64	
10:50	5.0		7.53	1,851.70	15.00	1.03	-85.90	11.37	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 10:50
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.53 pH 1,851.70 Spec. Cond. 15.00 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 19.14 feet below TOC Drawdown: 0.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-352
 Sample ID: 015
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 56 °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: 4/15/2025 11:15 Static Water Level: 3.14 feet below TOC
 Total Depth: 75.70 feet below TOC
 Water Column: 72.56 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 72.56 ft. x 0.022 = 1.6 L x 3 Vol. = 4.8 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
11:15	0.0	200	purge start time						
11:28	2.6	↓	7.49	2,150.60	13.22	1.44	5.00	6.87	
11:31	3.2		7.46	2,144.60	13.22	1.33	3.90	4.23	
11:34	3.8		7.45	2,140.80	13.23	1.26	2.90	2.75	
11:37	4.4		7.44	2,137.30	13.38	1.23	1.90	2.34	
11:40	5.0		7.43	2,137.70	13.32	1.17	0.90	2.13	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 11:40
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.43 pH 2,137.70 Spec. Cond. 13.32 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 3.97 feet below TOC Drawdown: 0.83 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: MW-355
Sample ID: 016
Date (s): 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 67 °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: 4/14/2025 10:13 Static Water Level: 18.83 feet below TOC
Total Depth: 35.40 feet below TOC
Water Column: 16.57 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.57 \text{ ft.} \times 0.022 = 0.36 \text{ L} \times 3 \text{ Vol.} = 1.08 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 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
10:16	0.0	192	purge start time						
10:20	0.8	↓	6.80	916.30	14.68	2.01	103.40	4.39	
10:23	1.3		6.84	910.30	14.57	1.49	98.20	3.30	
10:26	1.9		6.86	907.90	14.53	1.34	94.70	2.68	
10:29	2.5		6.87	907.90	14.49	1.25	92.30	3.73	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 10:29
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.87 pH 907.90 Spec. Cond. 14.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.20 feet below TOC Drawdown: 2.37 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-356
 Sample ID: 017
 Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 53 °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: 4/15/2025 10:34 Static Water Level: 4.27 feet below TOC
 Total Depth: 68.40 feet below TOC
 Water Column: 64.13 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 64.13 ft. x 0.022 = 1.41 L x 3 Vol. = 4.23 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.50 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
10:46	0.0	167	purge start time						
10:55	1.5	↓	7.62	1,166.90	14.19	0.92	5.90	2.68	
10:58	2.0		7.61	1,132.70	14.20	0.61	3.00	3.58	
11:01	2.5		7.57	1,100.50	14.15	0.56	0.50	3.51	
11:04	3.0		7.54	1,085.00	14.13	0.72	-0.90	3.02	
11:07	3.5		7.53	1,080.90	14.16	0.79	-2.30	3.49	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/15/2025 11:07
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.53 pH 1,080.90 Spec. Cond. 14.16 Temp
 Field Filtered: No Filter Type:
 Water Level: 7.69 feet below TOC Drawdown: 3.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/15/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-358R
Project Location: Baldwin, IL **Sample ID:** 018
W.O. Number (s): 25040001 **Date (s):** 4/15/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °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: 4/15/2025 11:30 Static Water Level: 25.49 feet below TOC
 Total Depth: 93.03 feet below TOC
 Water Column: 67.54 feet

Purging Activities

Purged By: TC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $67.54 \text{ ft.} \times 0.022 = 1.49 \text{ L} \times 3 \text{ Vol.} = 4.47 \text{ L}$ **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
11:30	0.0	158	purge start time						
11:40	1.6	↓	7.45	5,417.90	14.56	0.59	-108.10	48.91	
11:43	2.1		7.37	5,349.80	14.60	0.47	-118.10	30.23	
11:46	2.5		7.33	5,289.60	14.64	0.43	-120.50	34.02	
11:49	3.0		7.34	5,237.00	14.64	0.39	-122.80	30.30	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/15/2025 11:49
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.34 pH 5,237.00 Spec. Cond. 14.64 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 28.81 feet below TOC Drawdown: 3.32 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-366
 Sample ID: 019
 Date (s): 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 55 °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: 4/15/2025 10:52 Static Water Level: 11.25 feet below TOC
 Total Depth: 54.50 feet below TOC
 Water Column: 43.25 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 43.25 ft. x 0.022 = 0.95 L x 3 Vol. = 2.85 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 5.00 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
10:52	0.0	250	purge start time						
10:57	1.3	↓	6.64	2,067.40	14.54	0.53	31.00	12.26	
11:00	2.0		6.64	2,027.60	14.58	0.34	31.00	11.73	
11:03	2.8		6.63	1,938.40	14.53	0.69	29.40	9.62	
11:06	3.5		6.62	1,912.10	14.61	1.01	30.10	8.69	
11:09	4.3		6.61	1,909.40	14.71	1.13	31.30	8.30	
11:12	5.0		6.61	1,903.30	14.74	1.21	32.60	6.39	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 11:12
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.61 pH 1,903.30 Spec. Cond. 14.74 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 19.54 feet below TOC Drawdown: 8.29 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-369
Project Location: Baldwin, IL **Sample ID:** 020
W.O. Number (s): 25040001 **Date (s):** 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 58 °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: 4/15/2025 12:56 Static Water Level: 9.26 feet below TOC
 Total Depth: 68.20 feet below TOC
 Water Column: 58.94 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 58.94 ft. x 0.022 = 1.3 L x 3 Vol. = 3.9 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
12:56	0.0	219	purge start time						
13:00	0.9	↓	7.69	2,857.60	14.64	0.88	81.40	9.84	
13:03	1.5		8.21	2,708.90	14.65	0.40	77.60	7.65	
13:06	2.2		8.36	2,427.60	14.59	0.29	74.70	5.36	
13:09	2.8		8.39	2,261.50	14.56	0.25	72.70	4.58	
13:12	3.5		8.33	2,130.00	14.57	0.22	71.00	4.04	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 13:12
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 8.33 pH 2,130.00 Spec. Cond. 14.57 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 13.19 feet below TOC Drawdown: 3.93 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-370
 Sample ID: 021
 Date (s): 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 57 °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: 4/15/2025 12:25 Static Water Level: 17.52 feet below TOC
 Total Depth: 65.20 feet below TOC
 Water Column: 47.68 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 47.68 ft. x 0.022 = 1.05 L x 3 Vol. = 3.15 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.50 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
12:26	0.0	233	purge start time						
12:29	0.7	↓	7.52	6,095.20	15.67	1.56	114.80	4.06	
12:32	1.4		7.52	6,157.30	15.59	0.53	111.00	4.19	
12:35	2.1		7.51	6,117.60	15.54	0.36	108.30	5.48	
12:38	2.8		7.48	5,943.80	15.49	0.31	105.30	4.43	
12:41	3.5		7.42	5,691.60	15.49	0.27	102.70	7.57	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 12:41
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.42 pH 5,691.60 Spec. Cond. 15.49 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 22.91 feet below TOC Drawdown: 5.39 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-375
 Sample ID: 022
 Date (s): 4/16/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °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: 4/16/2025 10:46 Static Water Level: 31.81 feet below TOC
 Total Depth: 69.50 feet below TOC
 Water Column: 37.69 feet

Purging Activities

Purged By: PY Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 37.69 ft. x 0.022 = 0.83 L x 3 Vol. = 2.49 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
10:47	0.0	143	purge start time						
10:56	1.3	↓	7.66	1,721.40	14.63	0.78	-107.40	5.65	
10:59	1.7		7.66	1,695.00	14.66	0.62	-116.40	5.18	
11:02	2.1		7.66	1,673.40	14.63	0.55	-120.20	7.57	
11:05	2.6		7.66	1,657.10	14.60	0.51	-121.70	8.51	
11:08	3.0		7.66	1,646.80	14.62	0.48	-122.30	7.52	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/16/2025 11:08
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.66 pH 1,646.80 Spec. Cond. 14.62 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 36.53 feet below TOC Drawdown: 4.72 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-377
 Sample ID: 023
 Date (s): 4/16/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 66 °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: 4/16/2025 11:43 Static Water Level: 6.26 feet below TOC
 Total Depth: 58.60 feet below TOC
 Water Column: 52.34 feet

Purging Activities

Purged By: TC Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 52.34 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: 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
11:46	0.0	289	purge start time						
11:53	2.0	↓	7.01	1,161.40	14.61	0.74	-29.60	25.87	
11:56	2.9		6.99	1,154.10	14.64	0.57	-29.80	23.96	
11:59	3.8		6.98	1,148.00	14.59	0.61	-28.10	27.17	
12:02	4.6		6.98	1,143.20	14.63	0.88	-26.10	51.03	
12:05	5.5		6.98	1,143.10	14.63	1.16	-24.90	19.72	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/16/2025 12:05
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.98 pH 1,143.10 Spec. Cond. 14.63 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 12.76 feet below TOC Drawdown: 6.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-382
Project Location: Baldwin, IL **Sample ID:** 024
W.O. Number (s): 25040001 **Date (s):** 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 55 °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: 4/15/2025 11:29 Static Water Level: 14.82 feet below TOC
 Total Depth: 72.70 feet below TOC
 Water Column: 57.88 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 57.88 ft. x 0.022 = 1.27 L x 3 Vol. = 3.81 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 8.00 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
11:30	0.0	211	purge start time						
11:35	1.1	↓	7.73	1,949.40	15.10	1.75	77.30	56.19	
11:38	1.7		7.70	1,918.50	15.06	0.79	75.40	45.48	
11:41	2.3		7.67	1,837.60	15.12	0.51	72.40	36.40	
11:44	2.9		7.60	1,207.70	15.13	0.69	60.20	70.29	
11:47	3.6		7.40	848.90	15.19	1.38	52.20	104.23	
11:50	4.2		7.24	690.70	15.15	2.25	47.60	137.83	
11:53	4.8		7.14	625.80	15.11	2.97	46.20	146.78	
11:56	5.5		7.09	598.70	15.04	3.49	46.20	144.31	
11:59	6.1		7.05	587.30	15.10	3.84	47.00	133.18	
12:02	6.7		7.03	585.50	15.04	4.04	48.30	144.18	
12:05	7.4		7.01	583.30	15.12	4.16	49.50	135.09	
12:08	8.0		7.00	582.50	15.16	4.26	50.70	126.93	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 12:08
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.00 pH 582.50 Spec. Cond. 15.16 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 22.83 feet below TOC Drawdown: 8.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name:	BAL-25Q2	Monitoring Point:	MW-383
Project Location:	Baldwin, IL	Sample ID:	025
W.O. Number (s):	25040001	Date (s):	4/15/2025

Field Team Members

Name: <u>Justin Colp</u>	Affiliation: <u>TekLab, Inc.</u>
Name: _____	Affiliation: _____

Weather Conditions

Temp: 51 °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 Well	X	
Protective Casing	Good				
Reference Mark/Identification	Yes				X

Groundwater Level Measurements

Date/Time Measured: <u>4/15/2025 9:06</u>	Static Water Level: <u>19.99</u> feet below TOC
	Total Depth: <u>70.30</u> feet below TOC
	Water Column: <u>50.31</u> feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025

Purge Method: Bladder Pump Well Diameter: 2"

Purge Volume Calculation (L): $50.31 \text{ ft.} \times 0.022 = 1.11 \text{ L} \times 3 \text{ Vol.} = 3.33 \text{ L}$ **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
9:08	0.0	231	purge start time						
9:12	0.9	↓	7.34	1,561.00	17.37	1.09	95.70	7.15	
9:15	1.6		7.35	1,572.30	17.49	0.53	86.20	13.05	
9:18	2.3		7.36	1,574.00	17.48	0.40	80.40	20.79	
9:21	3.0		7.35	1,571.40	17.54	0.34	76.40	23.73	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 9:21

Sample Method: Low Flow Sample Equipment: Bladder Pump

Sample Parameters: 7.35 pH 1,571.40 Spec. Cond. 17.54 Temp

Field Filtered: No Filter Type: _____

Water Level: 24.41 feet below TOC Drawdown: 4.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By:  Date: 4/15/2025



Field Data Sheet

Project Name:	BAL-25Q2	Monitoring Point:	MW-384
Project Location:	Baldwin, IL	Sample ID:	026
W.O. Number (s):	25040001	Date (s):	4/15/2025

Field Team Members

Name: <u>Justin Colp</u>	Affiliation: <u>TekLab, Inc.</u>
Name: _____	Affiliation: _____

Weather Conditions

Temp: 52 °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	X	
Protective Casing <u>Good</u>		Well		X
Reference Mark/Identification <u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: <u>4/15/2025 9:39</u>	Static Water Level: <u>16.32</u> feet below TOC
	Total Depth: <u>68.50</u> feet below TOC
	Water Column: <u>52.18</u> feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025

Purge Method: Bladder Pump Well Diameter: 2"

Purge Volume Calculation (L): 52.18 ft. x 0.022 = 1.15 L x 3 Vol. = 3.45 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
9:39	0.0	214	purge start time						
9:44	1.1	↓	7.86	2,930.00	16.67	1.17	76.80	7.25	
9:47	1.7		7.90	2,944.30	16.74	0.57	74.50	5.28	
9:50	2.4		7.91	2,946.50	16.74	0.43	72.50	4.71	
9:53	3.0		7.90	2,940.80	16.75	0.36	70.90	4.58	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 9:53

Sample Method: Low Flow Sample Equipment: Bladder Pump

Sample Parameters: 7.90 pH 2,940.80 Spec. Cond. 16.75 Temp

Field Filtered: No Filter Type: _____

Water Level: 21.00 feet below TOC Drawdown: 4.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By:  Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-390
Project Location: Baldwin, IL **Sample ID:** 027
W.O. Number (s): 25040001 **Date (s):** 4/15/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 53 °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: 4/15/2025 10:15 Static Water Level: 4.55 feet below TOC
 Total Depth: 67.10 feet below TOC
 Water Column: 62.55 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 62.55 ft. x 0.022 = 1.38 L x 3 Vol. = 4.14 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.50 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
10:15	0.0	214	purge start time						
10:18	0.6	↓	7.08	3,014.80	13.79	1.68	52.70	24.63	
10:21	1.3		7.20	3,399.60	13.99	0.54	52.00	11.81	
10:24	1.9		7.18	2,637.90	13.99	0.36	44.90	9.20	
10:27	2.6		7.12	1,985.40	14.06	0.30	38.70	9.34	
10:30	3.2		7.04	1,613.90	14.13	0.26	34.80	10.19	
10:33	3.9		6.99	1,473.50	14.14	0.25	34.20	7.86	
10:36	4.5		6.96	1,471.10	14.14	0.24	36.20	8.65	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/15/2025 10:36
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.96 pH 1,471.10 Spec. Cond. 14.14 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 9.97 feet below TOC Drawdown: 5.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: 

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: MW-391R
Sample ID: 028
Date (s): 4/16/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °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: 4/16/2025 10:23

Static Water Level: 68.41 feet below TOC
Total Depth: 73.25 feet below TOC
Water Column: 4.84 feet

Purging Activities

Purged By: PY Purge Date: 4/16/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 4.84 ft. x 0.022 = 0.11 L x 3 Vol. = 0.33 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 1.50 L
Physical appearance of purge water: Cloudy Odor: None Color: Gray

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	150	purge start time						
10:33	1.5	↓	7.38	1,623.60	16.38	4.19	-62.30	1661.74	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/16/2025 10:33
Sample Method: Bailer Purge Sample Equipment: Bailer
Sample Parameters: 7.38 pH 1,623.60 Spec. Cond. 16.38 Temp
Field Filtered: No Filter Type: _____
Water Level: 73.25 feet below TOC Drawdown: 4.84 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280
- Limited volume available for purge/sample

Form Completed By: Tracy Carroll

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-392
 Sample ID: 029
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 54 °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: 4/15/2025 10:25 Static Water Level: 8.53 feet below TOC
 Total Depth: 86.96 feet below TOC
 Water Column: 78.43 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 78.425 ft. x 0.022 = 1.73 L x 3 Vol. = 5.19 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.50 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
10:25	0.0	180	purge start time						
10:38	2.3	↓	7.63	3,527.40	15.08	1.84	7.40	5.65	
10:41	2.9		7.62	3,520.00	15.11	1.78	8.40	3.96	
10:44	3.4		7.61	3,516.10	15.18	1.73	9.30	3.90	
10:47	4.0		7.61	3,514.90	15.23	1.69	10.10	4.26	
10:50	4.5		7.60	3,507.00	15.49	1.57	10.50	4.90	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 10:50
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.60 pH 3,507.00 Spec. Cond. 15.49 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 8.72 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-393
 Sample ID: 030
 Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 53 °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: 4/15/2025 9:51 Static Water Level: 7.61 feet below TOC
 Total Depth: 88.27 feet below TOC
 Water Column: 80.66 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 80.661 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: Slightly cloudy 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
9:51	0.0	222	purge start time						
9:57	1.3	↓	8.06	4,231.20	15.33	2.04	-15.00	3.36	
10:00	2.0		8.07	4,253.20	15.38	1.42	-23.40	4.42	
10:03	2.7		8.08	4,256.40	15.41	1.15	-29.90	7.15	
10:06	3.3		8.08	4,250.20	15.48	1.01	-35.00	12.56	
10:09	4.0		8.07	4,240.30	15.47	0.77	-39.60	14.97	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 10:09
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 8.07 pH 4,240.30 Spec. Cond. 15.47 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 7.83 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: MW-394
Sample ID: 031
Date (s): 4/15/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 51 °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: 4/15/2025 9:06 Static Water Level: 7.34 feet below TOC
 Total Depth: 85.78 feet below TOC
 Water Column: 78.44 feet

Purging Activities

Purged By: BG Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 78.44 ft. x 0.022 = 1.73 L x 3 Vol. = 5.19 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.50 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
9:06	0.0	136	purge start time						
9:18	1.6	↓	7.71	4,456.40	15.05	2.55	32.40	2.97	
9:21	2.0		7.73	4,361.30	15.15	1.69	-51.40	2.76	
9:24	2.5		7.80	4,201.80	15.17	1.37	-78.90	2.06	
9:27	2.9		7.85	4,107.40	15.22	1.19	-67.50	1.87	
9:30	3.3		7.86	4,064.70	15.45	1.04	-54.40	8.99	
9:33	3.7		7.86	4,053.20	15.22	0.98	-44.40	13.07	
9:36	4.1		7.86	4,022.20	15.28	0.95	-40.70	15.42	
9:39	4.5		7.83	3,929.00	15.29	0.93	-39.10	15.92	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/15/2025 9:39
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.83 pH 3,929.00 Spec. Cond. 15.29 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 7.41 feet below TOC Drawdown: 0.07 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: OW-156
Sample ID: 032
Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °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: 4/15/2025 9:52 Static Water Level: 4.01 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 16.39 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 16.39 ft. x 0.006 = 9.9 L x 3 Vol. = 29.8 L **Based on 3-Well Volumes*
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
9:53	0.0	500	purge start time						
9:59	3.0	↓	6.42	894.80	12.67	4.94	75.90	15.27	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/15/2025 9:59
Sample Method: Bailer Purge Sample Equipment: Bailer
Sample Parameters: 6.42 pH 894.80 Spec. Cond. 12.67 Temp
Field Filtered: No Filter Type:
Water Level: 13.68 feet below TOC Drawdown: 9.67 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280
- Stabilization data only; no sample collected

Form Completed By: 

Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: OW-157
Sample ID: 033
Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °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 Well	X	
Protective Casing	Good			X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/15/2025 12:31 Static Water Level: 7.03 feet below TOC
Total Depth: 20.40 feet below TOC
Water Column: 13.37 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 13.37 ft. x 0.606 = 8.1 L x 3 Vol. = 24.3 L **Based on 3-Well Volumes*
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
12:31	0.0	500	purge start time						
12:37	3.0	↓	6.34	3,984.60	13.00	3.69	-0.10	19.05	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/15/2025 12:37
Sample Method: Bailer Purge Sample Equipment: Bailer
Sample Parameters: 6.34 pH 3,984.60 Spec. Cond. 13.00 Temp
Field Filtered: No Filter Type:
Water Level: 12.11 feet below TOC Drawdown: 5.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280
- Stabilization data only; no sample collected

Form Completed By: Payton Yoch Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: OW-256
Sample ID: 034
Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °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: 4/15/2025 9:57 Static Water Level: 5.45 feet below TOC
 Total Depth: 35.60 feet below TOC
 Water Column: 30.15 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 30.15 ft. x 0.022 = 0.66 L x 3 Vol. = 1.98 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 8.00 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
10:00	0.0	258	purge start time						
10:10	2.6	↓	6.82	813.50	14.62	2.50	76.10	6.18	
10:13	3.4		6.79	819.00	14.74	2.22	78.70	4.55	
10:16	4.1		6.75	825.00	14.61	1.95	81.20	2.30	
10:19	4.9		6.72	827.20	14.81	1.76	83.10	1.71	
10:22	5.7		6.72	825.30	14.85	1.63	84.20	1.39	
10:25	6.5		6.71	828.20	14.91	1.50	85.00	1.50	
10:28	7.2		6.70	828.60	15.01	1.40	85.10	1.32	
10:31	8.0		6.71	827.00	15.05	1.34	84.90	1.25	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/15/2025 10:31
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.71 pH 827.00 Spec. Cond. 15.05 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 7.35 feet below TOC Drawdown: 1.90 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: OW-257
 Sample ID: 035
 Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °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: 4/15/2025 12:37 Static Water Level: 4.62 feet below TOC
 Total Depth: 41.90 feet below TOC
 Water Column: 37.28 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 37.28 ft. x 0.022 = 0.82 L x 3 Vol. = 2.46 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
12:38	0.0	167	purge start time						
12:50	2.0	↓	6.92	1,115.30	15.07	2.12	-44.70	11.06	
12:53	2.5		7.05	1,098.50	14.62	2.85	-40.80	11.58	
12:56	3.0		6.88	1,100.10	15.04	2.98	-59.20	67.58	
12:59	3.5		7.01	1,107.70	15.05	3.01	-61.40	23.39	
13:02	4.0		7.08	1,103.20	15.12	3.68	-53.30	12.05	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/15/2025 13:02
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 7.08 pH 1,103.20 Spec. Cond. 15.12 Temp
 Field Filtered: No Filter Type:
 Water Level: 13.34 feet below TOC Drawdown: 8.72 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: PZ-170
 Sample ID: 036
 Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °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: 4/15/2025 13:18 Static Water Level: 13.59 feet below TOC
 Total Depth: 34.00 feet below TOC
 Water Column: 20.41 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 20.41 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 6.00 L
 Physical appearance of purge water: Clear Odor: Strong 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
13:18	0.0	273	purge start time						
13:28	2.7	↓	6.52	1,633.30	15.83	1.27	-110.00	3.76	
13:31	3.5		6.52	1,627.80	15.85	1.16	-106.60	3.33	
13:34	4.4		6.52	1,630.20	15.88	1.09	-104.60	3.21	
13:37	5.2		6.52	1,625.60	15.98	1.04	-103.80	2.81	
13:40	6.0		6.51	1,628.40	16.01	1.03	-102.60	2.37	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/15/2025 13:40
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.51 pH 1,628.40 Spec. Cond. 16.01 Temp
 Field Filtered: No Filter Type:
 Water Level: 17.89 feet below TOC Drawdown: 4.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: PZ-182
 Sample ID: 037
 Date (s): 4/16/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °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: 4/16/2025 9:38 Static Water Level: 15.89 feet below TOC
 Total Depth: 37.10 feet below TOC
 Water Column: 21.21 feet

Purging Activities

Purged By: PY Purge Date: 4/16/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 21.21 ft. x 0.022 = 0.47 L x 3 Vol. = 1.41 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 4.25 L
 Physical appearance of purge water: Clear Odor: Strong 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
9:39	0.0	157	purge start time						
9:54	2.4	↓	6.49	1,442.20	15.67	1.70	-141.90	3.33	
9:57	2.8		6.46	1,391.80	15.69	1.57	-132.00	2.42	
10:00	3.3		6.45	1,372.50	15.79	1.49	-123.00	2.00	
10:03	3.8		6.44	1,362.50	15.88	1.44	-115.70	1.45	
10:06	4.3		6.44	1,351.00	15.92	1.39	-109.60	1.03	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/16/2025 10:06
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.44 pH 1,351.00 Spec. Cond. 15.92 Temp
 Field Filtered: No Filter Type:
 Water Level: 16.00 feet below TOC Drawdown: 0.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: TPZ-164
 Sample ID: 038
 Date (s): 4/16/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 63 °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: 4/16/2025 11:19 Static Water Level: 4.37 feet below TOC
 Total Depth: 12.90 feet below TOC
 Water Column: 8.53 feet

Purging Activities

Purged By: BG Purge Date: 4/16/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 8.53 ft. x 0.022 = 0.19 L x 3 Vol. = 0.57 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.00 L
 Physical appearance of purge water: 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
11:19	0.0	100	purge start time						
11:27	0.8	↓	6.97	822.90	15.29	4.48	66.50	13.06	
11:30	1.1		6.93	818.60	16.28	3.88	59.80	16.63	
11:33	1.4		6.90	820.70	16.50	3.69	55.30	12.86	
11:36	1.7		6.89	820.40	16.68	3.61	51.70	11.29	
11:39	2.0		6.89	820.90	16.71	3.50	48.50	13.90	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/16/2025 11:39
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.89 pH 820.90 Spec. Cond. 16.71 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 4.45 feet below TOC Drawdown: 0.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: XPW01
 Sample ID: 039
 Date (s): 4/16/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 61 °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: 4/16/2025 10:32 Static Water Level: 10.83 feet below TOC
 Total Depth: 14.53 feet below TOC
 Water Column: 3.70 feet

Purging Activities

Purged By: BG Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 3.704 ft. x 0.022 = 0.08 L x 3 Vol. = 0.24 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
10:32	0.0	227	purge start time						
10:42	2.3	↓	6.75	624.40	14.35	1.94	49.20	22.62	
10:45	3.0		6.71	624.20	14.31	1.52	49.10	15.55	
10:48	3.6		6.69	624.40	14.28	1.31	48.50	8.36	
10:51	4.3		6.68	624.50	14.32	1.19	47.80	6.36	
10:54	5.0		6.68	624.60	14.30	1.12	47.10	4.70	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/16/2025 10:54
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.68 pH 624.60 Spec. Cond. 14.30 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 11.02 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: XPW05
 Sample ID: 040
 Date (s): 4/16/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 65 °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: 4/16/2025 11:56 Static Water Level: 5.23 feet below TOC
 Total Depth: 31.15 feet below TOC
 Water Column: 25.92 feet

Purging Activities

Purged By: BG Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 25.916 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: 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
11:56	0.0	238	purge start time						
12:05	2.1	↓	7.12	818.80	18.36	1.46	54.70	7.21	
12:08	2.9		7.15	814.80	18.41	1.03	53.60	5.62	
12:11	3.6		7.17	813.40	18.40	0.85	52.90	3.76	
12:14	4.3		7.18	812.80	18.44	0.74	52.40	3.65	
12:17	5.0		7.19	812.40	18.59	0.69	51.90	5.08	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/16/2025 12:17
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.19 pH 812.40 Spec. Cond. 18.59 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 5.38 feet below TOC Drawdown: 0.15 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** XPW06
Project Location: Baldwin, IL **Sample ID:** 041
W.O. Number (s): 25040001 **Date (s):** 4/16/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 58 °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: 4/16/2025 10:01 Static Water Level: 5.23 feet below TOC
 Total Depth: 9.66 feet below TOC
 Water Column: 4.43 feet

Purging Activities

Purged By: BG Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 4.425 ft. x 0.022 = 0.1 L x 3 Vol. = 0.3 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
10:01	0.0	227	purge start time						
10:08	1.6	↓	7.08	778.80	12.78	2.93	78.90	5.65	
10:11	2.3		6.99	813.20	12.67	2.06	70.30	4.26	
10:14	3.0		6.99	825.00	12.66	1.61	64.70	2.13	
10:17	3.6		6.99	819.70	12.65	1.38	61.50	1.91	
10:20	4.3		6.98	819.50	13.34	1.38	59.40	1.99	
10:23	5.0		6.99	823.30	12.68	1.18	58.70	1.52	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/16/2025 10:23
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.99 pH 823.30 Spec. Cond. 12.68 Temp _____
 Field Filtered: No Filter Type: _____
 Water Level: 5.61 feet below TOC Drawdown: 0.38 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: Field Blank
Sample ID: 042
Date (s): _____

Field Team Members

Name: No member found on Data Tab Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °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: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (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

Sampling Activities

Sampled By: TC Sample Date/Time: 4/16/2025 12:50
Sample Method: Direct Sample Sample Equipment: _____
Sample Parameters: pH Spec. Cond. _____ Temp _____
Field Filtered: No Filter Type: Lab Filtered
Water Level: - feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC sample

Form Completed By: Juan Carlos

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-104SR Duplicate
 Sample ID: 043
 Date (s): 4/14/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:10 Static Water Level: 7.95 feet below TOC
 Total Depth: 18.00 feet below TOC
 Water Column: 10.05 feet

Purging Activities

Purged By: BG Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 10.05 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 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
12:10	0.0	192	purge start time						
12:24	2.7	↓	6.81	2,203.50	13.05	1.90	35.60	2.94	
12:27	3.3		6.77	2,196.00	12.96	1.76	36.30	2.42	
12:30	3.8		6.75	2,152.50	12.95	1.34	35.20	1.52	
12:33	4.4		6.72	2,175.30	12.93	0.98	34.70	1.20	
12:36	5.0		6.72	2,193.30	12.93	0.83	34.10	1.24	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/14/2025 12:36
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.72 pH 2,193.30 Spec. Cond. 12.93 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 8.14 feet below TOC Drawdown: 0.19 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2 **Monitoring Point:** MW-253R Duplicate
Project Location: Baldwin, IL **Sample ID:** 044
W.O. Number (s): 25040001 **Date (s):** 4/14/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
 Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °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: 4/14/2025 12:07 Static Water Level: 14.56 feet below TOC
 Total Depth: 38.49 feet below TOC
 Water Column: 23.93 feet

Purging Activities

Purged By: JC Purge Date: 4/14/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 23.93 ft. x 0.022 = 0.53 L x 3 Vol. = 1.59 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.00 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
12:30	0.0	105	purge start time						
12:37	0.7	↓	6.79	1,831.20	16.53	2.45	-14.30	6.13	
12:40	1.1		6.75	1,874.80	15.83	1.08	-36.40	34.80	
12:43	1.4		6.72	1,869.70	15.80	0.73	-39.60	19.34	
12:46	1.7		6.70	1,858.40	15.90	0.63	-41.00	11.75	
12:49	2.0		6.68	1,857.20	15.80	0.52	-43.00	5.93	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/14/2025 12:49
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 6.68 pH 1,857.20 Spec. Cond. 15.80 Temp _____
 Field Filtered: Yes Filter Type: Inline Disposable
 Water Level: 17.41 feet below TOC Drawdown: 2.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/14/2025



Field Data Sheet

Project Name: BAL-25Q2
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-375 Duplicate
 Sample ID: 045
 Date (s): 4/16/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °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: 4/16/2025 10:46 Static Water Level: 31.81 feet below TOC
 Total Depth: 69.50 feet below TOC
 Water Column: 37.69 feet

Purging Activities

Purged By: PY Purge Date: 4/16/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): 37.69 ft. x 0.022 = 0.83 L x 3 Vol. = 2.49 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
10:47	0.0	143	purge start time						
10:56	1.3	↓	7.66	1,721.40	14.63	0.78	-107.40	5.65	
10:59	1.7		7.66	1,695.00	14.66	0.62	-116.40	5.18	
11:02	2.1		7.66	1,673.40	14.63	0.55	-120.20	7.57	
11:05	2.6		7.66	1,657.10	14.60	0.51	-121.70	8.51	
11:08	3.0		7.66	1,646.80	14.62	0.48	-122.30	7.52	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/16/2025 11:08
 Sample Method: Low Flow Sample Equipment: Bladder Pump
 Sample Parameters: 7.66 pH 1,646.80 Spec. Cond. 14.62 Temp
 Field Filtered: No Filter Type:
 Water Level: 36.53 feet below TOC Drawdown: 4.72 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: OW-256 Duplicate
Sample ID: 046
Date (s): 4/15/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
 Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °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: 4/15/2025 9:57 Static Water Level: 5.45 feet below TOC
 Total Depth: 35.60 feet below TOC
 Water Column: 30.15 feet

Purging Activities

Purged By: PY Purge Date: 4/15/2025
 Purge Method: Peristaltic Pump Well Diameter: 2"
 Purge Volume Calculation (L): 30.15 ft. x 0.022 = 0.66 L x 3 Vol. = 1.98 L **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 8.00 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
10:00	0.0	258	purge start time						
10:10	2.6	↓	6.82	813.50	14.62	2.50	76.10	6.18	
10:13	3.4		6.79	819.00	14.74	2.22	78.70	4.55	
10:16	4.1		6.75	825.00	14.61	1.95	81.20	2.30	
10:19	4.9		6.72	827.20	14.81	1.76	83.10	1.71	
10:22	5.7		6.72	825.30	14.85	1.63	84.20	1.39	
10:25	6.5		6.71	828.20	14.91	1.50	85.00	1.50	
10:28	7.2		6.70	828.60	15.01	1.40	85.10	1.32	
10:31	8.0		6.71	827.00	15.05	1.34	84.90	1.25	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/15/2025 10:31
 Sample Method: Low Flow Sample Equipment: Peristaltic Pump
 Sample Parameters: 6.71 pH 827.00 Spec. Cond. 15.05 Temp
 Field Filtered: No Filter Type: _____
 Water Level: 7.35 feet below TOC Drawdown: 1.90 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll Date: 4/15/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: XPW06 Duplicate
Sample ID: 047
Date (s): _____

Field Team Members

Name: _____ Affiliation: _____
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: _____ 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)

- Duplicate not collected

Form Completed By: _____ Date: _____



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: Equipment Blank 1
Sample ID: 048
Date (s): _____

Field Team Members

Name: _____ Affiliation: _____
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: _____ 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)

- No non-dedicated equipment used, not collected

Form Completed By: _____ Date: _____



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: Equipment Blank 2
Sample ID: 049
Date (s): _____

Field Team Members

Name: _____ Affiliation: _____
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: _____ 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)

- No non-dedicated equipment used, not collected

Form Completed By: _____ Date: _____



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: Equipment Blank 3
Sample ID: 050
Date (s): _____

Field Team Members

Name: _____ Affiliation: _____
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: _____ 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)

- No non-dedicated equipment used, not collected

Form Completed By: _____ Date: _____



Site Sampling Event: BAL- 25Q1
LIMS Workorder: 25040001
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2025

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 210756 Technician(s): Justin Colp Date: 4/14/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	4/14/25 9:31
7.0 Buffer	wc240913b	7.00	4/14/25 9:26
10.0 Buffer	wc240625a	10.00	4/14/25 9:35
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/14/25 9:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.02	4/14/25 9:41
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	4/14/25 9:43	21	7.01	1,410	0.04		
CCV-1-JC	CCV	4/14/25 13:51	22.1	7.05	1,386	0.02		

Comments: _____

Field Meter ID: Pine 210756 Technician(s): justin colp Date: 4/15/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	4/15/25 8:25
7.0 Buffer	wc240913b	7.00	4/15/25 8:21
10.0 Buffer	wc240625a	10.00	4/15/25 8:32
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/15/25 8:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.03	4/15/25 8:39
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	4/15/25 8:44	21.1	6.99	1,411	0.02		
CCV-2-JC	CCV	4/15/25 14:27	22	7.05	1,393	0.02		

Comments: _____

Site Sampling Event: BAL- 25Q1
LIMS Workorder: 25040001
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2025

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 45280 Technician(s): Tracy Carroll Date: 4/15/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/15/25 9:30
7.0 Buffer	WC240913B	7.00	4/15/25 9:34
10.0 Buffer	WC240625A	10.00	4/15/25 9:32
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/15/25 9:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-TC	LCS	4/15/25 9:38	21.1	7.06	1,408	1.6		
CCV-1-TC	CCV	4/15/25 14:27	21.9	7.04	1,341	0.84		

Comments: _____

Field Meter ID: Pine 45280 Technician(s): Tracy Carroll Date: 4/16/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/16/25 8:56
7.0 Buffer	WC240913B	7.00	4/16/25 9:00
10.0 Buffer	WC240625A	10.00	4/16/25 8:58
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/16/25 8:53

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-TC	LCS	4/16/25 9:02	20.6	7.03	1,413	0.46		
CCV-2-TC	CCV	4/16/25 12:53	21.7	7.05	1,466	1.19		

Comments: _____

Site Sampling Event: BAL- 25Q1
LIMS Workorder: 25040001
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2025

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 34432 Technician(s): Brett Gillihan Date: 4/14/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	3.99	4/14/25 9:29
7.0 Buffer	WC240913C	7.00	4/14/25 9:26
10.0 Buffer	WC240625A	10.00	4/14/25 9:33
LCS/CCV (7.0 Buffer)	WC240913B		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/14/25 9:36

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.08	4/14/25 9:38
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	4/14/25 9:41	19.9	7.01	1,412	0.08		
CCV-1-BG	CCV	4/14/25 14:15	19.6	7.01	1,412	0.08		

Comments: The time for the LCS 9:41 am

Field Meter ID: Pine 34432 Technician(s): Brett Gillihan Date: 4/15/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	4/15/25 8:31
7.0 Buffer	WC240913C	7.00	4/15/25 8:23
10.0 Buffer	WC240625A	10.00	4/15/25 8:36
LCS/CCV (7.0 Buffer)	WC240913B		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/15/25 8:40

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.4	4/15/25 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-BG	LCS	4/15/25 8:44	20.3	7.01	1,412	0.4		
CCV-2-BG	CCV	4/15/25 14:30	21.2	7.02	1,412	0.4		

Comments: _____

Site Sampling Event: BAL- 25Q1
LIMS Workorder: 25040001
Technician(s): JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 2Q 2025

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 34432 Technician(s): Brett Gillihan Date: 4/16/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC25102A	4.00	4/16/25 8:49
7.0 Buffer	WC240913C	7.00	4/16/25 8:47
10.0 Buffer	WC240625A	10.00	4/16/25 8:56
LCS/CCV (7.0 Buffer)	WC240913B		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/16/25 9:01

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.3	4/16/25 9:02
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	4/16/25 9:07	20.5	7.01	1,412	0.3		
CCV-3-BG	CCV	4/16/25 12:50	22.1	7.02	1,412	0.3		

Comments: _____

INSTRUMENT CALIBRATION REPORT



Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 45280
Description YSI ProDSS Sonde - 10M Cable
Calibrated 3/24/2025 10:52:15AM

Manufacturer YSI
Model Number ProDSS
Serial Number/ Lot Number 18L101932
Location Illinois
Department

State Certified
Status Pass
Temp °C 1
Humidity % 67

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Plus / Minus

Range Acc % 0.0000
Reading Acc % 0.0000
Plus/Minus 0.20

<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	7.47	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.58	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.27	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	4.41	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	112.43	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.458	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<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>
240.0 / 240.0	mv	240.0	mv	229.4	240.0	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<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>
100.0 / 100.0	%	100.0	%	96.5	99.1	-0.90%	Pass



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 45280

Description YSI ProDSS Sonde - 10M Cable

Calibrated 3/24/2025 10:52:15AM

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date/ Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
IL CON. 1.413	1413 Conductivity Standard 10/25	AquaPhoenix Scientific	code: 31986	4gj1343	1/9/2025	1/9/2026
IL NTU 124 TURB	IL NTU 124 TURB	YSI	607300	25b24019192	3/14/2025	2/14/2026
IL ORP.	IL ORP 240mV	Pine Environmental Services, Inc.	ORP 240mV	4gk1268		8/30/2025
IL PH 10.	IL PH 10	AquaPhoenix Scientific		4gj0207	3/4/2025	10/30/2026
IL PH 4	IL PH 4	Pine Environmental Services, Inc.		4gj1193	3/4/2025	9/4/2025
IL PH 7.	IL PH 7	AquaPhoenix Scientific	32025	4gl0066	3/4/2025	9/4/2026
IL, NTU 0 AUTO CAL	IL NTU 0 AUTO CAL	GFS	8483	24016212	3/24/2025	1/24/2026

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Timothy Waychunas

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 210756
Description YSI Pro DSS
Calibrated 3/27/2025 7:10:27PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 22C103121
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.70	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.75	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.40	10.05	0.50%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.39	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	98.80	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.498	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	209.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
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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 210756

Description YSI Pro DSS

Calibrated 3/27/2025 7:10:27PM

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	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	96.90	99.80	-0.20%	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#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Chris Harkins

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.

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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 34432
Description YSI PRO DSS Sonde-10M
Calibrated 3/28/2025 11:05:17AM

Manufacturer YSI
Model Number 626910-10
Serial Number/ Lot 17L101163
Number
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.35	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.38	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.24	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.19	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.83	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.463	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<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>
240.0 / 240.0	mv	240.0	mv	229.2	240.0	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<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>
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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 34432
Description YSI PRO DSS Sonde-10M
Calibrated 3/28/2025 11:05:17AM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<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>
100.0 / 100.0	%	100.0	%	91.7	99.6	-0.40%	Pass

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

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**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-192	UU	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00230
MW-192	UU	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	44	CI around geomean	0.00118	0.00578
MW-192	UU	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0885	0.261
MW-192	UU	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-192	UU	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	12	CI around mean	0.0274	2.23
MW-192	UU	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-192	UU	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	10.4	1,370
MW-192	UU	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.0125
MW-192	UU	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	50	CI around median	0.001	0.00220
MW-192	UU	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	19	CB around linear reg	0.457	3.36
MW-192	UU	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00220
MW-192	UU	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	6	CB around linear reg	-0.0216	0.123
MW-192	UU	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
MW-192	UU	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	19	CB around T-S line	-0.00326	0.0782
MW-192	UU	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	6.7/6.9	7.3/8.4
MW-192	UU	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.31	4.14
MW-192	UU	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.00320
MW-192	UU	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	-7.62	228
MW-192	UU	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002
MW-192	UU	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around T-S line	88.1	3,260
MW-193	UU	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	94	Most recent sample	0.001	0.00230
MW-193	UU	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	38	CB around T-S line	-0.00191	0.00578
MW-193	UU	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	0.0736	0.261
MW-193	UU	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-193	UU	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	6	CI around mean	0.0414	2.23
MW-193	UU	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-193	UU	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	27.6	1,370

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-193	UU	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.0015	0.0125
MW-193	UU	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	88	Most recent sample	0.001	0.00220
MW-193	UU	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	19	CI around median	0.25	3.36
MW-193	UU	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.00220
MW-193	UU	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	12	CI around mean	0.00419	0.123
MW-193	UU	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
MW-193	UU	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.0782
MW-193	UU	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	6.7/7.0	7.3/8.4
MW-193	UU	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.485	4.14
MW-193	UU	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.00320
MW-193	UU	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	152	228
MW-193	UU	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002
MW-193	UU	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	553	3,260
MW-356	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	31	87	CI around median	0.001	0.00230
MW-356	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	34	85	CI around median	0.001	0.00578
MW-356	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around median	0.0299	0.261
MW-356	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.001
MW-356	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	35	0	CI around median	1.94	2.23
MW-356	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.001
MW-356	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	26.7	1,370
MW-356	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	33	100	All ND - Last	0.0015	0.0125
MW-356	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	32	100	All ND - Last	0.001	0.00220
MW-356	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	1.99	3.36
MW-356	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	32	97	CI around median	0.001	0.00220
MW-356	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around median	0.0523	0.123
MW-356	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.0002	0.0002
MW-356	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	34	59	CI around median	0.0015	0.0782

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-356	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	35	0	CI around median	7.7/7.8	7.3/8.4
MW-356	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	34	0	CI around median	0.146	4.14
MW-356	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	31	100	All ND - Last	0.001	0.00320
MW-356	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	40.5	228
MW-356	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.002	0.002
MW-356	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	34	0	CI around mean	661	3,260
MW-369	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	25	80	CI around median	0.001	0.00230
MW-369	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	28	11	CI around geomean	0.00156	0.00578
MW-369	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	28	0	CB around T-S line	0.0657	0.261
MW-369	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-369	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	29	0	CB around linear reg	-0.201	2.23
MW-369	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-369	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	37.7	1,370
MW-369	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	27	85	CB around T-S line	0.0015	0.0125
MW-369	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	26	69	CI around median	0.001	0.00220
MW-369	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	-0.152	3.36
MW-369	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	26	96	CI around median	0.001	0.00220
MW-369	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	28	4	CI around mean	0.0206	0.123
MW-369	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-369	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	28	4	CB around T-S line	-0.00718	0.0782
MW-369	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	29	0	CI around median	7.3/8.3	7.3/8.4
MW-369	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	28	0	CI around mean	0.488	4.14
MW-369	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	25	72	CB around T-S line	-0.00626	0.00320
MW-369	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	-14.3	228
MW-369	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.002	0.002
MW-369	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	29	0	CI around median	754	3,260
MW-370	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	31	77	CB around T-S line	0.00051	0.00230

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MW-370	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	34	62	CB around T-S line	0.000287	0.00578
MW-370	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	34	0	CB around linear reg	0.0266	0.261
MW-370	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.001
MW-370	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	35	0	CI around median	1.77	2.23
MW-370	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.001	0.001
MW-370	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	1,410	1,370
MW-370	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	33	94	CB around T-S line	0.0015	0.0125
MW-370	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	32	94	CI around median	0.001	0.00220
MW-370	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	3.04	3.36
MW-370	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	32	97	CI around median	0.001	0.00220
MW-370	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	34	0	CI around geomean	0.132	0.123
MW-370	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.0002	0.0002
MW-370	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	34	3	CB around T-S line	0.00166	0.0782
MW-370	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	35	0	CB around T-S line	7.3/7.5	7.3/8.4
MW-370	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	34	0	CI around geomean	0.594	4.14
MW-370	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	31	97	Most recent sample	0.001	0.00320
MW-370	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	35	0	CI around mean	249	228
MW-370	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	29	100	All ND - Last	0.002	0.002
MW-370	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	35	0	CB around linear reg	3,000	3,260
MW-382	UA	E009	Antimony, total	mg/L	12/29/15 - 04/15/25	25	96	Most recent sample	0.001	0.00230
MW-382	UA	E009	Arsenic, total	mg/L	12/29/15 - 04/15/25	28	18	CI around median	0.0012	0.00578
MW-382	UA	E009	Barium, total	mg/L	12/29/15 - 04/15/25	28	0	CI around geomean	0.0184	0.261
MW-382	UA	E009	Beryllium, total	mg/L	12/29/15 - 04/15/25	23	96	CI around median	0.001	0.001
MW-382	UA	E009	Boron, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	1.71	2.23
MW-382	UA	E009	Cadmium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-382	UA	E009	Chloride, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	34	1,370
MW-382	UA	E009	Chromium, total	mg/L	12/29/15 - 04/15/25	27	7	CB around linear reg	0.00897	0.0125

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MW-382	UA	E009	Cobalt, total	mg/L	12/29/15 - 04/15/25	26	54	CB around T-S line	0.001	0.00220
MW-382	UA	E009	Fluoride, total	mg/L	12/29/15 - 04/15/25	29	0	CI around median	2.77	3.36
MW-382	UA	E009	Lead, total	mg/L	12/29/15 - 04/15/25	26	46	CB around linear reg	0.00271	0.00220
MW-382	UA	E009	Lithium, total	mg/L	12/29/15 - 04/15/25	28	0	CI around median	0.0573	0.123
MW-382	UA	E009	Mercury, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-382	UA	E009	Molybdenum, total	mg/L	12/29/15 - 04/15/25	28	21	CB around T-S line	0.00208	0.0782
MW-382	UA	E009	pH (field)	SU	12/29/15 - 04/15/25	29	0	CI around median	7.7/7.8	7.3/8.4
MW-382	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/29/15 - 04/15/25	28	0	CB around T-S line	0.61	4.14
MW-382	UA	E009	Selenium, total	mg/L	12/29/15 - 04/15/25	25	100	All ND - Last	0.001	0.00320
MW-382	UA	E009	Sulfate, total	mg/L	12/29/15 - 04/15/25	29	0	CB around T-S line	321	228
MW-382	UA	E009	Thallium, total	mg/L	12/29/15 - 04/15/25	23	100	All ND - Last	0.002	0.002
MW-382	UA	E009	Total Dissolved Solids	mg/L	12/29/15 - 04/15/25	29	0	CI around median	1,120	3,260
MW-392	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00230
MW-392	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.001	0.00578
MW-392	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0379	0.261
MW-392	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-392	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around geomean	1.76	2.23
MW-392	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-392	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	834	1,370
MW-392	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	56	CI around median	0.0015	0.0125
MW-392	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.00220
MW-392	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	3.8	3.36
MW-392	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.00220
MW-392	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0666	0.123
MW-392	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
MW-392	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.0782
MW-392	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	17	0	CI around median	7.6/7.7	7.3/8.4

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MW-392	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.372	4.14
MW-392	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.00320
MW-392	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	50	228
MW-392	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	17	100	All ND - Last	0.002	0.002
MW-392	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	1,770	3,260
MW-393	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	88	CI around median	0.001	0.00230
MW-393	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00578
MW-393	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.028	0.261
MW-393	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-393	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around median	1.63	2.23
MW-393	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-393	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	800	1,370
MW-393	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.0015	0.0125
MW-393	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	94	CI around median	0.001	0.00220
MW-393	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	9	3.36
MW-393	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.00220
MW-393	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0635	0.123
MW-393	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
MW-393	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	69	CB around T-S line	-0.00943	0.0782
MW-393	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	17	0	CI around mean	8.0/8.3	7.3/8.4
MW-393	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.235	4.14
MW-393	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.00320
MW-393	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CB around linear reg	83.6	228
MW-393	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	17	100	All ND - Last	0.002	0.002
MW-393	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CB around T-S line	2,500	3,260
MW-394	UA	E009	Antimony, total	mg/L	10/27/22 - 04/15/25	16	75	CB around T-S line	-0.00119	0.00230
MW-394	UA	E009	Arsenic, total	mg/L	10/27/22 - 04/15/25	16	62	CI around median	0.001	0.00578

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MW-394	UA	E009	Barium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0242	0.261
MW-394	UA	E009	Beryllium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-394	UA	E009	Boron, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	1.64	2.23
MW-394	UA	E009	Cadmium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.001	0.001
MW-394	UA	E009	Chloride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	558	1,370
MW-394	UA	E009	Chromium, total	mg/L	10/27/22 - 04/15/25	16	75	CI around median	0.0015	0.0125
MW-394	UA	E009	Cobalt, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00220
MW-394	UA	E009	Fluoride, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	3.69	3.36
MW-394	UA	E009	Lead, total	mg/L	10/27/22 - 04/15/25	16	81	CI around median	0.001	0.00220
MW-394	UA	E009	Lithium, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	0.0561	0.123
MW-394	UA	E009	Mercury, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.0002	0.0002
MW-394	UA	E009	Molybdenum, total	mg/L	10/27/22 - 04/15/25	16	50	CB around linear reg	-0.00542	0.0782
MW-394	UA	E009	pH (field)	SU	10/27/22 - 04/15/25	16	0	CI around mean	7.8/8.0	7.3/8.4
MW-394	UA	E009	Radium 226 + Radium 228, total	pCi/L	10/27/22 - 04/15/25	16	0	CI around mean	0.425	4.14
MW-394	UA	E009	Selenium, total	mg/L	10/27/22 - 04/15/25	16	94	Most recent sample	0.001	0.00320
MW-394	UA	E009	Sulfate, total	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	164	228
MW-394	UA	E009	Thallium, total	mg/L	10/27/22 - 04/15/25	16	100	All ND - Last	0.002	0.002
MW-394	UA	E009	Total Dissolved Solids	mg/L	10/27/22 - 04/15/25	16	0	CI around mean	1,910	3,260
OW-256	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.00230
OW-256	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	10	40	CI around median	0.001	0.00578
OW-256	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.0813	0.261
OW-256	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
OW-256	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.178	2.23
OW-256	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
OW-256	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	51.1	1,370
OW-256	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	10	80	CI around median	0.0015	0.0125
OW-256	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	10	60	CI around median	0.001	0.00220

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OW-256	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	10	30	CB around linear reg	0.357	3.36
OW-256	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.00220
OW-256	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	10	10	CI around mean	0.00551	0.123
OW-256	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.0002	0.0002
OW-256	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.0015	0.0782
OW-256	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.7/6.9	7.3/8.4
OW-256	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CB around linear reg	-0.0789	4.14
OW-256	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.00320
OW-256	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	64.7	228
OW-256	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.002	0.002
OW-256	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	490	3,260
OW-257	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	10	60	CI around median	0.001	0.00230
OW-257	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	10	10	CB around T-S line	-0.129	0.00578
OW-257	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	10	0	CB around T-S line	-1.02	0.261
OW-257	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.001
OW-257	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	0.483	2.23
OW-257	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	10	90	CI around median	0.001	0.001
OW-257	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	10	0	CI around mean	6.83	1,370
OW-257	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	10	50	CI around median	0.0015	0.0125
OW-257	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	10	30	CI around median	0.001	0.00220
OW-257	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	10	30	CB around linear reg	0.43	3.36
OW-257	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	10	70	CB around T-S line	-0.277	0.00220
OW-257	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	10	0	CI around median	0.0299	0.123
OW-257	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.0002	0.0002
OW-257	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	10	20	CB around linear reg	-0.00352	0.0782
OW-257	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.8/7.2	7.3/8.4
OW-257	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CB around T-S line	-31	4.14

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
OW-257	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.001	0.00320
OW-257	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	10	0	CB around linear reg	80.7	228
OW-257	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	10	100	All ND - Last	0.002	0.002
OW-257	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	10	0	CB around linear reg	292	3,260
PZ-170	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/15/25	9	78	CI around median	0.001	0.00230
PZ-170	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/15/25	9	33	CI around median	0.001	0.00578
PZ-170	PMP	E009	Barium, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.0709	0.261
PZ-170	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.001
PZ-170	PMP	E009	Boron, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.27	2.23
PZ-170	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.001
PZ-170	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/15/25	9	0	CI around median	75	1,370
PZ-170	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/15/25	9	67	CI around median	0.0015	0.0125
PZ-170	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/15/25	9	22	CB around linear reg	-0.0021	0.00220
PZ-170	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/15/25	9	33	CB around linear reg	0.293	3.36
PZ-170	PMP	E009	Lead, total	mg/L	03/14/23 - 04/15/25	9	89	CI around median	0.001	0.00220
PZ-170	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	0.0303	0.123
PZ-170	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.0002	0.0002
PZ-170	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.0015	0.0782
PZ-170	PMP	E009	pH (field)	SU	03/14/23 - 04/15/25	10	0	CI around mean	6.5/6.6	7.3/8.4
PZ-170	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/15/25	10	0	CI around mean	0.222	4.14
PZ-170	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.001	0.00320
PZ-170	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	167	228
PZ-170	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/15/25	9	100	All ND - Last	0.002	0.002
PZ-170	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/15/25	9	0	CI around mean	945	3,260
PZ-182	PMP	E009	Antimony, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.00230
PZ-182	PMP	E009	Arsenic, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.001	0.00578
PZ-182	PMP	E009	Barium, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.0584	0.261

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-182	PMP	E009	Beryllium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.001
PZ-182	PMP	E009	Boron, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.421	2.23
PZ-182	PMP	E009	Cadmium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.001
PZ-182	PMP	E009	Chloride, total	mg/L	03/14/23 - 04/16/25	10	0	CB around linear reg	-12.5	1,370
PZ-182	PMP	E009	Chromium, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.0015	0.0125
PZ-182	PMP	E009	Cobalt, total	mg/L	03/14/23 - 04/16/25	10	80	Most recent sample	0.001	0.00220
PZ-182	PMP	E009	Fluoride, total	mg/L	03/14/23 - 04/16/25	10	30	CB around linear reg	0.305	3.36
PZ-182	PMP	E009	Lead, total	mg/L	03/14/23 - 04/16/25	10	90	CI around median	0.001	0.00220
PZ-182	PMP	E009	Lithium, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	0.0119	0.123
PZ-182	PMP	E009	Mercury, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.0002	0.0002
PZ-182	PMP	E009	Molybdenum, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.0015	0.0782
PZ-182	PMP	E009	pH (field)	SU	03/14/23 - 04/16/25	10	0	CI around mean	6.5/6.7	7.3/8.4
PZ-182	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/14/23 - 04/16/25	10	0	CI around mean	0.33	4.14
PZ-182	PMP	E009	Selenium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.001	0.00320
PZ-182	PMP	E009	Sulfate, total	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	143	228
PZ-182	PMP	E009	Thallium, total	mg/L	03/14/23 - 04/16/25	10	100	All ND - Last	0.002	0.002
PZ-182	PMP	E009	Total Dissolved Solids	mg/L	03/14/23 - 04/16/25	10	0	CI around mean	670	3,260

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
BOTTOM ASH POND
BALDWIN, IL

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

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) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Bottom Ash Pond. The proposed groundwater monitoring program was revised on August 1, 2023. 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:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

UA = Uppermost Aquifer

UU = Upper Unit

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

NR² = A sample was collected, but the sample was not collected in accordance with the Sampling and Analysis Plan.

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