

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 Fly Ash Pond System; IEPA ID # W1578510001-01, # W1578510001-02, and # W1578510001-03

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Baldwin Power Plant Fly Ash Pond System (FAPS), identified by Illinois Environmental Protection Agency (IEPA) ID Nos. W1578510001-01, W1578510001-02, and W1578510001-03. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPSs.

The date of this submittal is considered to be the date that exceedances of the GWPSs were detected. This notification of exceedances of the GWPSs in 35 I.A.C. § 845.600 will be placed in the facility's operating record within 30 days as required by 35 I.A.C. § 845.800(d)(16).

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

Sincerely,



Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Dynegy Midwest Generation, LLC's operating permit application for Baldwin Power Plant Fly Ash Pond System. 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
FLY ASH POND SYSTEM, 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.

On April 9, 2024, the Illinois Environmental Protection Agency (IEPA) approved² the March 14, 2024 work plan³ to abandon background monitoring well MW-306, and compliance monitoring wells MW-253 and MW-350, which were suspected to have grout contamination. The monitoring wells were abandoned, and compliance monitoring wells MW-253 and MW-350 were replaced in May 2024. The replacement wells (MW-253R and MW-350R) are sampled quarterly, beginning with the Quarter 3, 2024 event. Related updates to the Groundwater Monitoring Plan Revision 1 (GMP Rev. 1)⁴ to reflect these changes are pending.

Compliance well MW-391 was inspected in April 2024 following erratic constituent concentration and groundwater elevation behavior, and one of the casing joints was observed to be compromised. A technical memorandum⁵ summarizing replacement recommendations was prepared by Ramboll and submitted by Dynegy Midwest Generation, LLC to the IEPA, and these replacement recommendations were approved by the IEPA on September 17, 2024. As replacement options were identified and considered for MW-391, abnormally high groundwater elevations were observed in background well MW-358. Consequently, MW-358 was also inspected and one of the casing joints in MW-358 was also observed to be compromised. The IEPA

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

² Illinois Environmental Protection Agency (IEPA), 2024. *Re: Baldwin Power Plant Fly Ash Pond System; ID 578510001-01, -02, -03; Approval of Groundwater Well Abandonment and Replacement.* April 9, 2024.

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2024. *Work Plan for Well Abandonment, Well Replacement, and Revision to the Groundwater Monitoring Plan.* March 14, 2024.

⁴ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *Groundwater Monitoring Plan Revision 1, Fly Ash Pond System, Baldwin Power Plant, Baldwin, Illinois.* August 25, 2023.

⁵ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2024. *Baldwin Power Plant Groundwater Well Abandonment and Replacement, Memo to Stu Cravens and David Mitchell, Luminant, from Nate Keller and Brian Hennings, Ramboll.* August 16, 2024.

was notified on September 16, 2024⁶ and both MW-391 and MW-358 were subsequently abandoned and replaced in October 2024. Related updates to the GMP Rev. 1 to reflect these changes are pending.

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 Plan⁴), constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

Table 1	Field Parameters and Analytical Results - Quarter 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

⁶ Luminant, 2024. *Re: Baldwin Power Plant Groundwater Well Abandonment and Replacement*. September 16, 2024.

TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-304	Background	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
FLY ASH POND SYSTEM
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-150	Compliance	E009	04/14/2025	Antimony, total	0.0004 U	mg/L
MW-150	Compliance	E009	04/14/2025	Arsenic, total	0.0007 J	mg/L
MW-150	Compliance	E009	04/14/2025	Barium, total	0.0140 J+	mg/L
MW-150	Compliance	E009	04/14/2025	Beryllium, total	0.0002 U	mg/L
MW-150	Compliance	E009	04/14/2025	Boron, total	3.43	mg/L
MW-150	Compliance	E009	04/14/2025	Cadmium, total	0.0002 U	mg/L
MW-150	Compliance	E009	04/14/2025	Calcium, total	170	mg/L
MW-150	Compliance	E009	04/14/2025	Chloride, total	51.5	mg/L
MW-150	Compliance	E009	04/14/2025	Chromium, total	0.0015 UJ	mg/L
MW-150	Compliance	E009	04/14/2025	Cobalt, total	0.001 UJ	mg/L
MW-150	Compliance	E009	04/14/2025	Dissolved Oxygen	4.94	mg/L
MW-150	Compliance	E009	04/14/2025	Fluoride, total	0.660	mg/L
MW-150	Compliance	E009	04/14/2025	Lead, total	0.0006 U	mg/L
MW-150	Compliance	E009	04/14/2025	Lithium, total	0.0661	mg/L
MW-150	Compliance	E009	04/14/2025	Mercury, total	0.00006 U	mg/L
MW-150	Compliance	E009	04/14/2025	Molybdenum, total	0.001 J	mg/L
MW-150	Compliance	E009	04/14/2025	Oxidation Reduction Potential	17.0	mV
MW-150	Compliance	E009	04/14/2025	pH (field)	7.1	SU
MW-150	Compliance	E009	04/14/2025	Radium 226 + Radium 228, total	0.489	pCi/L
MW-150	Compliance	E009	04/14/2025	Selenium, total	0.00330	mg/L
MW-150	Compliance	E009	04/14/2025	Specific Conductance @ 25C (field)	4,120	micromhos/cm
MW-150	Compliance	E009	04/14/2025	Sulfate, total	1,070	mg/L
MW-150	Compliance	E009	04/14/2025	Temperature	15.1	degrees C
MW-150	Compliance	E009	04/14/2025	Thallium, total	0.001 U	mg/L
MW-150	Compliance	E009	04/14/2025	Total Dissolved Solids	1,950 J	mg/L
MW-150	Compliance	E009	04/14/2025	Turbidity, field	8.80	NTU
MW-151	Compliance	E009	04/15/2025	Antimony, total	0.00100	mg/L
MW-151	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-151	Compliance	E009	04/15/2025	Barium, total	0.0514	mg/L
MW-151	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-151	Compliance	E009	04/15/2025	Boron, total	0.816	mg/L
MW-151	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-151	Compliance	E009	04/15/2025	Calcium, total	104	mg/L
MW-151	Compliance	E009	04/15/2025	Chloride, total	35.8	mg/L
MW-151	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-151	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-151	Compliance	E009	04/15/2025	Dissolved Oxygen	1.10	mg/L
MW-151	Compliance	E009	04/15/2025	Fluoride, total	0.23 J	mg/L
MW-151	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-151	Compliance	E009	04/15/2025	Lithium, total	0.0282	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-151	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-151	Compliance	E009	04/15/2025	Molybdenum, total	0.0006 U	mg/L
MW-151	Compliance	E009	04/15/2025	Oxidation Reduction Potential	30.0	mV
MW-151	Compliance	E009	04/15/2025	pH (field)	6.7	SU
MW-151	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.0655	pCi/L
MW-151	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	990	micromhos/cm
MW-151	Compliance	E009	04/15/2025	Sulfate, total	74.9	mg/L
MW-151	Compliance	E009	04/15/2025	Temperature	11.7	degrees C
MW-151	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E009	04/15/2025	Total Dissolved Solids	570 J	mg/L
MW-151	Compliance	E009	04/15/2025	Turbidity, field	13.0	NTU
MW-152	Compliance	E009	04/15/2025	Antimony, total	0.0008 J	mg/L
MW-152	Compliance	E009	04/15/2025	Arsenic, total	0.00170	mg/L
MW-152	Compliance	E009	04/15/2025	Barium, total	0.0220	mg/L
MW-152	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-152	Compliance	E009	04/15/2025	Boron, total	0.422	mg/L
MW-152	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-152	Compliance	E009	04/15/2025	Calcium, total	108	mg/L
MW-152	Compliance	E009	04/15/2025	Chloride, total	9.00	mg/L
MW-152	Compliance	E009	04/15/2025	Chromium, total	0.00580 J+	mg/L
MW-152	Compliance	E009	04/15/2025	Cobalt, total	0.00190	mg/L
MW-152	Compliance	E009	04/15/2025	Dissolved Oxygen	0.590	mg/L
MW-152	Compliance	E009	04/15/2025	Fluoride, total	0.2 J	mg/L
MW-152	Compliance	E009	04/15/2025	Lead, total	0.00290	mg/L
MW-152	Compliance	E009	04/15/2025	Lithium, total	0.0133	mg/L
MW-152	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-152	Compliance	E009	04/15/2025	Molybdenum, total	0.0008 J	mg/L
MW-152	Compliance	E009	04/15/2025	Oxidation Reduction Potential	20.0	mV
MW-152	Compliance	E009	04/15/2025	pH (field)	6.8	SU
MW-152	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.411	pCi/L
MW-152	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-152	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,170	micromhos/cm
MW-152	Compliance	E009	04/15/2025	Sulfate, total	257	mg/L
MW-152	Compliance	E009	04/15/2025	Temperature	12.1	degrees C
MW-152	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-152	Compliance	E009	04/15/2025	Total Dissolved Solids	804 J	mg/L
MW-152	Compliance	E009	04/15/2025	Turbidity, field	75.0	NTU
MW-153	Compliance	E009	04/14/2025	Antimony, total	0.0004 U	mg/L
MW-153	Compliance	E009	04/14/2025	Arsenic, total	0.00160	mg/L
MW-153	Compliance	E009	04/14/2025	Barium, total	0.0629	mg/L
MW-153	Compliance	E009	04/14/2025	Beryllium, total	0.0003 J	mg/L
MW-153	Compliance	E009	04/14/2025	Boron, total	0.025 UJ	mg/L
MW-153	Compliance	E009	04/14/2025	Cadmium, total	0.0002 U	mg/L
MW-153	Compliance	E009	04/14/2025	Calcium, total	50.6	mg/L
MW-153	Compliance	E009	04/14/2025	Chloride, total	16.7	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-153	Compliance	E009	04/14/2025	Chromium, total	0.00430 J+	mg/L
MW-153	Compliance	E009	04/14/2025	Cobalt, total	0.00100	mg/L
MW-153	Compliance	E009	04/14/2025	Dissolved Oxygen	1.31	mg/L
MW-153	Compliance	E009	04/14/2025	Fluoride, total	0.26 J	mg/L
MW-153	Compliance	E009	04/14/2025	Lead, total	0.00390	mg/L
MW-153	Compliance	E009	04/14/2025	Lithium, total	0.00540	mg/L
MW-153	Compliance	E009	04/14/2025	Mercury, total	0.00006 U	mg/L
MW-153	Compliance	E009	04/14/2025	Molybdenum, total	0.0006 U	mg/L
MW-153	Compliance	E009	04/14/2025	Oxidation Reduction Potential	121	mV
MW-153	Compliance	E009	04/14/2025	pH (field)	6.9	SU
MW-153	Compliance	E009	04/14/2025	Radium 226 + Radium 228, total	0.809	pCi/L
MW-153	Compliance	E009	04/14/2025	Selenium, total	0.00270	mg/L
MW-153	Compliance	E009	04/14/2025	Specific Conductance @ 25C (field)	657	micromhos/cm
MW-153	Compliance	E009	04/14/2025	Sulfate, total	66.0	mg/L
MW-153	Compliance	E009	04/14/2025	Temperature	14.4	degrees C
MW-153	Compliance	E009	04/14/2025	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E009	04/14/2025	Total Dissolved Solids	482 J	mg/L
MW-153	Compliance	E009	04/14/2025	Turbidity, field	92.0	NTU
MW-252	Compliance	E009	04/15/2025	Antimony, total	0.0008 J	mg/L
MW-252	Compliance	E009	04/15/2025	Arsenic, total	0.0009 J	mg/L
MW-252	Compliance	E009	04/15/2025	Barium, total	0.0205	mg/L
MW-252	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-252	Compliance	E009	04/15/2025	Boron, total	0.180 J+	mg/L
MW-252	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-252	Compliance	E009	04/15/2025	Calcium, total	196	mg/L
MW-252	Compliance	E009	04/15/2025	Chloride, total	36.1	mg/L
MW-252	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-252	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-252	Compliance	E009	04/15/2025	Dissolved Oxygen	2.53	mg/L
MW-252	Compliance	E009	04/15/2025	Fluoride, total	0.18 J	mg/L
MW-252	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-252	Compliance	E009	04/15/2025	Lithium, total	0.0161	mg/L
MW-252	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-252	Compliance	E009	04/15/2025	Molybdenum, total	0.001 J	mg/L
MW-252	Compliance	E009	04/15/2025	Oxidation Reduction Potential	14.0	mV
MW-252	Compliance	E009	04/15/2025	pH (field)	6.8	SU
MW-252	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0	pCi/L
MW-252	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-252	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,690	micromhos/cm
MW-252	Compliance	E009	04/15/2025	Sulfate, total	479	mg/L
MW-252	Compliance	E009	04/15/2025	Temperature	14.0	degrees C
MW-252	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-252	Compliance	E009	04/15/2025	Total Dissolved Solids	1,350 J	mg/L
MW-252	Compliance	E009	04/15/2025	Turbidity, field	7.50	NTU
MW-253R	Compliance	E009	04/14/2025	Antimony, total	0.0004 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Arsenic, total	0.00290	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-253R	Compliance	E009	04/14/2025	Barium, total	0.0553	mg/L
MW-253R	Compliance	E009	04/14/2025	Beryllium, total	0.0002 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Boron, total	0.202	mg/L
MW-253R	Compliance	E009	04/14/2025	Cadmium, total	0.0002 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Calcium, total	177	mg/L
MW-253R	Compliance	E009	04/14/2025	Chloride, total	19.3	mg/L
MW-253R	Compliance	E009	04/14/2025	Chromium, total	0.0015 UJ	mg/L
MW-253R	Compliance	E009	04/14/2025	Cobalt, total	0.001 UJ	mg/L
MW-253R	Compliance	E009	04/14/2025	Dissolved Oxygen	0.520	mg/L
MW-253R	Compliance	E009	04/14/2025	Fluoride, total	0.04 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Lead, total	0.00240	mg/L
MW-253R	Compliance	E009	04/14/2025	Lithium, total	0.0173	mg/L
MW-253R	Compliance	E009	04/14/2025	Mercury, total	0.00006 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Molybdenum, total	0.00450	mg/L
MW-253R	Compliance	E009	04/14/2025	Oxidation Reduction Potential	-43.0	mV
MW-253R	Compliance	E009	04/14/2025	pH (field)	6.7	SU
MW-253R	Compliance	E009	04/14/2025	Radium 226 + Radium 228, total	0.64	pCi/L
MW-253R	Compliance	E009	04/14/2025	Selenium, total	0.0006 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Specific Conductance @ 25C (field)	1,860	micromhos/cm
MW-253R	Compliance	E009	04/14/2025	Sulfate, total	511	mg/L
MW-253R	Compliance	E009	04/14/2025	Temperature	15.8	degrees C
MW-253R	Compliance	E009	04/14/2025	Thallium, total	0.001 U	mg/L
MW-253R	Compliance	E009	04/14/2025	Total Dissolved Solids	1,240 J	mg/L
MW-253R	Compliance	E009	04/14/2025	Turbidity, field	5.90	NTU
MW-350R	Compliance	E009	04/14/2025	Antimony, total	0.0004 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Arsenic, total	0.00140	mg/L
MW-350R	Compliance	E009	04/14/2025	Barium, total	0.120	mg/L
MW-350R	Compliance	E009	04/14/2025	Beryllium, total	0.0002 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Boron, total	1.16	mg/L
MW-350R	Compliance	E009	04/14/2025	Cadmium, total	0.0002 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Calcium, total	42.5	mg/L
MW-350R	Compliance	E009	04/14/2025	Chloride, total	20.5	mg/L
MW-350R	Compliance	E009	04/14/2025	Chromium, total	0.0015 UJ	mg/L
MW-350R	Compliance	E009	04/14/2025	Cobalt, total	0.001 UJ	mg/L
MW-350R	Compliance	E009	04/14/2025	Dissolved Oxygen	1.03	mg/L
MW-350R	Compliance	E009	04/14/2025	Fluoride, total	0.760	mg/L
MW-350R	Compliance	E009	04/14/2025	Lead, total	0.0006 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Lithium, total	0.0462	mg/L
MW-350R	Compliance	E009	04/14/2025	Mercury, total	0.00006 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Molybdenum, total	0.0011 J	mg/L
MW-350R	Compliance	E009	04/14/2025	Oxidation Reduction Potential	-86.0	mV
MW-350R	Compliance	E009	04/14/2025	pH (field)	7.5	SU
MW-350R	Compliance	E009	04/14/2025	Radium 226 + Radium 228, total	0.71	pCi/L
MW-350R	Compliance	E009	04/14/2025	Selenium, total	0.0006 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Specific Conductance @ 25C (field)	1,850	micromhos/cm
MW-350R	Compliance	E009	04/14/2025	Sulfate, total	140	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-350R	Compliance	E009	04/14/2025	Temperature	15.0	degrees C
MW-350R	Compliance	E009	04/14/2025	Thallium, total	0.001 U	mg/L
MW-350R	Compliance	E009	04/14/2025	Total Dissolved Solids	630 J	mg/L
MW-350R	Compliance	E009	04/14/2025	Turbidity, field	11.0	NTU
MW-352	Compliance	E009	04/15/2025	Antimony, total	0.0006 J	mg/L
MW-352	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-352	Compliance	E009	04/15/2025	Barium, total	0.0837	mg/L
MW-352	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E009	04/15/2025	Boron, total	1.97	mg/L
MW-352	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-352	Compliance	E009	04/15/2025	Calcium, total	92.3	mg/L
MW-352	Compliance	E009	04/15/2025	Chloride, total	648	mg/L
MW-352	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-352	Compliance	E009	04/15/2025	Cobalt, total	0.0001 U	mg/L
MW-352	Compliance	E009	04/15/2025	Dissolved Oxygen	1.17	mg/L
MW-352	Compliance	E009	04/15/2025	Fluoride, total	1.40	mg/L
MW-352	Compliance	E009	04/15/2025	Lead, total	0.0008 J	mg/L
MW-352	Compliance	E009	04/15/2025	Lithium, total	0.0997	mg/L
MW-352	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-352	Compliance	E009	04/15/2025	Molybdenum, total	0.0006 U	mg/L
MW-352	Compliance	E009	04/15/2025	Oxidation Reduction Potential	1.00	mV
MW-352	Compliance	E009	04/15/2025	pH (field)	7.4	SU
MW-352	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	1.19	pCi/L
MW-352	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	2,140	micromhos/cm
MW-352	Compliance	E009	04/15/2025	Sulfate, total	5.8 J	mg/L
MW-352	Compliance	E009	04/15/2025	Temperature	13.3	degrees C
MW-352	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E009	04/15/2025	Total Dissolved Solids	1,420 J	mg/L
MW-352	Compliance	E009	04/15/2025	Turbidity, field	2.10	NTU
MW-366	Compliance	E009	04/15/2025	Antimony, total	0.0005 J	mg/L
MW-366	Compliance	E009	04/15/2025	Arsenic, total	0.0009 J	mg/L
MW-366	Compliance	E009	04/15/2025	Barium, total	0.0343	mg/L
MW-366	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-366	Compliance	E009	04/15/2025	Boron, total	2.52	mg/L
MW-366	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-366	Compliance	E009	04/15/2025	Calcium, total	238	mg/L
MW-366	Compliance	E009	04/15/2025	Chloride, total	50.2	mg/L
MW-366	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-366	Compliance	E009	04/15/2025	Cobalt, total	0.00110	mg/L
MW-366	Compliance	E009	04/15/2025	Dissolved Oxygen	1.21	mg/L
MW-366	Compliance	E009	04/15/2025	Fluoride, total	0.14 J	mg/L
MW-366	Compliance	E009	04/15/2025	Lead, total	0.00150	mg/L
MW-366	Compliance	E009	04/15/2025	Lithium, total	0.00860	mg/L
MW-366	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-366	Compliance	E009	04/15/2025	Molybdenum, total	0.00180	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-366	Compliance	E009	04/15/2025	Oxidation Reduction Potential	33.0	mV
MW-366	Compliance	E009	04/15/2025	pH (field)	6.6	SU
MW-366	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.391	pCi/L
MW-366	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-366	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,900	micromhos/cm
MW-366	Compliance	E009	04/15/2025	Sulfate, total	712	mg/L
MW-366	Compliance	E009	04/15/2025	Temperature	14.7	degrees C
MW-366	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-366	Compliance	E009	04/15/2025	Total Dissolved Solids	1,440 J	mg/L
MW-366	Compliance	E009	04/15/2025	Turbidity, field	6.40	NTU
MW-375	Compliance	E009	04/16/2025	Antimony, total	0.0004 U	mg/L
MW-375	Compliance	E009	04/16/2025	Arsenic, total	0.00300	mg/L
MW-375	Compliance	E009	04/16/2025	Barium, total	0.0211	mg/L
MW-375	Compliance	E009	04/16/2025	Beryllium, total	0.0002 U	mg/L
MW-375	Compliance	E009	04/16/2025	Boron, total	1.37	mg/L
MW-375	Compliance	E009	04/16/2025	Cadmium, total	0.0002 U	mg/L
MW-375	Compliance	E009	04/16/2025	Calcium, total	12.5	mg/L
MW-375	Compliance	E009	04/16/2025	Chloride, total	94.3	mg/L
MW-375	Compliance	E009	04/16/2025	Chromium, total	0.0015 UJ	mg/L
MW-375	Compliance	E009	04/16/2025	Cobalt, total	0.001 UJ	mg/L
MW-375	Compliance	E009	04/16/2025	Dissolved Oxygen	0.480	mg/L
MW-375	Compliance	E009	04/16/2025	Fluoride, total	2.33	mg/L
MW-375	Compliance	E009	04/16/2025	Lead, total	0.0006 U	mg/L
MW-375	Compliance	E009	04/16/2025	Lithium, total	0.0729	mg/L
MW-375	Compliance	E009	04/16/2025	Mercury, total	0.00006 U	mg/L
MW-375	Compliance	E009	04/16/2025	Molybdenum, total	0.0184	mg/L
MW-375	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-122	mV
MW-375	Compliance	E009	04/16/2025	pH (field)	7.7	SU
MW-375	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.845	pCi/L
MW-375	Compliance	E009	04/16/2025	Selenium, total	0.0006 U	mg/L
MW-375	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	1,650	micromhos/cm
MW-375	Compliance	E009	04/16/2025	Sulfate, total	83.8	mg/L
MW-375	Compliance	E009	04/16/2025	Temperature	14.6	degrees C
MW-375	Compliance	E009	04/16/2025	Thallium, total	0.001 U	mg/L
MW-375	Compliance	E009	04/16/2025	Total Dissolved Solids	996 J	mg/L
MW-375	Compliance	E009	04/16/2025	Turbidity, field	7.50	NTU
MW-377	Compliance	E009	04/16/2025	Antimony, total	0.0004 U	mg/L
MW-377	Compliance	E009	04/16/2025	Arsenic, total	0.0006 J	mg/L
MW-377	Compliance	E009	04/16/2025	Barium, total	0.0597	mg/L
MW-377	Compliance	E009	04/16/2025	Beryllium, total	0.0002 U	mg/L
MW-377	Compliance	E009	04/16/2025	Boron, total	1.52	mg/L
MW-377	Compliance	E009	04/16/2025	Cadmium, total	0.0002 U	mg/L
MW-377	Compliance	E009	04/16/2025	Calcium, total	53.6	mg/L
MW-377	Compliance	E009	04/16/2025	Chloride, total	96.1	mg/L
MW-377	Compliance	E009	04/16/2025	Chromium, total	0.0015 UJ	mg/L
MW-377	Compliance	E009	04/16/2025	Cobalt, total	0.001 UJ	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-377	Compliance	E009	04/16/2025	Dissolved Oxygen	1.16	mg/L
MW-377	Compliance	E009	04/16/2025	Fluoride, total	1.20	mg/L
MW-377	Compliance	E009	04/16/2025	Lead, total	0.00100 J	mg/L
MW-377	Compliance	E009	04/16/2025	Lithium, total	0.0555	mg/L
MW-377	Compliance	E009	04/16/2025	Mercury, total	0.00006 U	mg/L
MW-377	Compliance	E009	04/16/2025	Molybdenum, total	0.0006 U	mg/L
MW-377	Compliance	E009	04/16/2025	Oxidation Reduction Potential	-25.0	mV
MW-377	Compliance	E009	04/16/2025	pH (field)	7.0	SU
MW-377	Compliance	E009	04/16/2025	Radium 226 + Radium 228, total	0.924	pCi/L
MW-377	Compliance	E009	04/16/2025	Selenium, total	0.0006 U	mg/L
MW-377	Compliance	E009	04/16/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
MW-377	Compliance	E009	04/16/2025	Sulfate, total	37.0	mg/L
MW-377	Compliance	E009	04/16/2025	Temperature	14.6	degrees C
MW-377	Compliance	E009	04/16/2025	Thallium, total	0.001 U	mg/L
MW-377	Compliance	E009	04/16/2025	Total Dissolved Solids	670 J	mg/L
MW-377	Compliance	E009	04/16/2025	Turbidity, field	20.0	NTU
MW-383	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-383	Compliance	E009	04/15/2025	Arsenic, total	0.0008 J	mg/L
MW-383	Compliance	E009	04/15/2025	Barium, total	0.0577	mg/L
MW-383	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-383	Compliance	E009	04/15/2025	Boron, total	1.61	mg/L
MW-383	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-383	Compliance	E009	04/15/2025	Calcium, total	18.1	mg/L
MW-383	Compliance	E009	04/15/2025	Chloride, total	42.8	mg/L
MW-383	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-383	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-383	Compliance	E009	04/15/2025	Dissolved Oxygen	0.340	mg/L
MW-383	Compliance	E009	04/15/2025	Fluoride, total	0.610	mg/L
MW-383	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-383	Compliance	E009	04/15/2025	Lithium, total	0.0373	mg/L
MW-383	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-383	Compliance	E009	04/15/2025	Molybdenum, total	0.0120	mg/L
MW-383	Compliance	E009	04/15/2025	Oxidation Reduction Potential	76.0	mV
MW-383	Compliance	E009	04/15/2025	pH (field)	7.3	SU
MW-383	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.176	pCi/L
MW-383	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-383	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,570	micromhos/cm
MW-383	Compliance	E009	04/15/2025	Sulfate, total	172	mg/L
MW-383	Compliance	E009	04/15/2025	Temperature	17.5	degrees C
MW-383	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-383	Compliance	E009	04/15/2025	Total Dissolved Solids	934 J	mg/L
MW-383	Compliance	E009	04/15/2025	Turbidity, field	24.0	NTU
MW-384	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-384	Compliance	E009	04/15/2025	Arsenic, total	0.0004 U	mg/L
MW-384	Compliance	E009	04/15/2025	Barium, total	0.0532	mg/L
MW-384	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-384	Compliance	E009	04/15/2025	Boron, total	1.49	mg/L
MW-384	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-384	Compliance	E009	04/15/2025	Calcium, total	16.6	mg/L
MW-384	Compliance	E009	04/15/2025	Chloride, total	562	mg/L
MW-384	Compliance	E009	04/15/2025	Chromium, total	0.00220 J+	mg/L
MW-384	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-384	Compliance	E009	04/15/2025	Dissolved Oxygen	0.360	mg/L
MW-384	Compliance	E009	04/15/2025	Fluoride, total	3.91	mg/L
MW-384	Compliance	E009	04/15/2025	Lead, total	0.0006 U	mg/L
MW-384	Compliance	E009	04/15/2025	Lithium, total	0.0428	mg/L
MW-384	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-384	Compliance	E009	04/15/2025	Molybdenum, total	0.0114	mg/L
MW-384	Compliance	E009	04/15/2025	Oxidation Reduction Potential	71.0	mV
MW-384	Compliance	E009	04/15/2025	pH (field)	7.9	SU
MW-384	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.48	pCi/L
MW-384	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-384	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	2,940	micromhos/cm
MW-384	Compliance	E009	04/15/2025	Sulfate, total	30.4	mg/L
MW-384	Compliance	E009	04/15/2025	Temperature	16.7	degrees C
MW-384	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L
MW-384	Compliance	E009	04/15/2025	Total Dissolved Solids	1,600 J	mg/L
MW-384	Compliance	E009	04/15/2025	Turbidity, field	4.60	NTU
MW-390	Compliance	E009	04/15/2025	Antimony, total	0.0004 U	mg/L
MW-390	Compliance	E009	04/15/2025	Arsenic, total	0.00160	mg/L
MW-390	Compliance	E009	04/15/2025	Barium, total	0.0326	mg/L
MW-390	Compliance	E009	04/15/2025	Beryllium, total	0.0002 U	mg/L
MW-390	Compliance	E009	04/15/2025	Boron, total	1.03	mg/L
MW-390	Compliance	E009	04/15/2025	Cadmium, total	0.0002 U	mg/L
MW-390	Compliance	E009	04/15/2025	Calcium, total	63.2	mg/L
MW-390	Compliance	E009	04/15/2025	Chloride, total	76.5	mg/L
MW-390	Compliance	E009	04/15/2025	Chromium, total	0.0015 UJ	mg/L
MW-390	Compliance	E009	04/15/2025	Cobalt, total	0.001 UJ	mg/L
MW-390	Compliance	E009	04/15/2025	Dissolved Oxygen	0.240	mg/L
MW-390	Compliance	E009	04/15/2025	Fluoride, total	0.630	mg/L
MW-390	Compliance	E009	04/15/2025	Lead, total	0.00120	mg/L
MW-390	Compliance	E009	04/15/2025	Lithium, total	0.0441	mg/L
MW-390	Compliance	E009	04/15/2025	Mercury, total	0.00006 U	mg/L
MW-390	Compliance	E009	04/15/2025	Molybdenum, total	0.00300	mg/L
MW-390	Compliance	E009	04/15/2025	Oxidation Reduction Potential	36.0	mV
MW-390	Compliance	E009	04/15/2025	pH (field)	7.0	SU
MW-390	Compliance	E009	04/15/2025	Radium 226 + Radium 228, total	0.455	pCi/L
MW-390	Compliance	E009	04/15/2025	Selenium, total	0.0006 U	mg/L
MW-390	Compliance	E009	04/15/2025	Specific Conductance @ 25C (field)	1,470	micromhos/cm
MW-390	Compliance	E009	04/15/2025	Sulfate, total	133	mg/L
MW-390	Compliance	E009	04/15/2025	Temperature	14.1	degrees C
MW-390	Compliance	E009	04/15/2025	Thallium, total	0.001 U	mg/L

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

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-390	Compliance	E009	04/15/2025	Total Dissolved Solids	746 J	mg/L
MW-390	Compliance	E009	04/15/2025	Turbidity, field	8.60	NTU
MW-391R	Compliance	E009	--	Antimony, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Arsenic, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Barium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Beryllium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Boron, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Cadmium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Calcium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Chloride, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Chromium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Cobalt, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Dissolved Oxygen	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Fluoride, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Lead, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Lithium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Mercury, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Molybdenum, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Oxidation Reduction Potential	NS ⁷	mV
MW-391R	Compliance	E009	--	pH (field)	NS ⁷	SU
MW-391R	Compliance	E009	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-391R	Compliance	E009	--	Selenium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-391R	Compliance	E009	--	Sulfate, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Temperature	NS ⁷	degrees C
MW-391R	Compliance	E009	--	Thallium, total	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Total Dissolved Solids	NS ⁷	mg/L
MW-391R	Compliance	E009	--	Turbidity, field	NS ⁷	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.
- 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
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-150	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-150	PMP	E009	Barium, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.0146	2.0	Standard	No Exceedance
MW-150	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-150	PMP	E009	Boron, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	3.44	2.23	Background	Exceedance
MW-150	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-150	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	49.2	1,370	Background	No Exceedance
MW-150	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/14/25	10	80	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/14/25	10	90	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.66	4.0	Standard	No Exceedance
MW-150	PMP	E009	Lead, total	mg/L	03/15/23 - 04/14/25	10	90	CI around median	0.001	0.0075	Standard	No Exceedance
MW-150	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.0492	0.123	Background	No Exceedance
MW-150	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-150	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/14/25	10	50	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E009	pH (field)	SU	03/22/16 - 04/14/25	38	0	CB around T-S line	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-150	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/14/25	10	0	CI around mean	0.04	5	Standard	No Exceedance
MW-150	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/14/25	10	60	CI around median	0.001	0.05	Standard	No Exceedance
MW-150	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	850	400	Standard	Exceedance
MW-150	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-150	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/14/25	38	0	CB around linear reg	1,680	3,260	Background	No Exceedance
MW-151	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	11	64	CI around median	0.001	0.010	Standard	No Exceedance
MW-151	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around median	0.055	2.0	Standard	No Exceedance
MW-151	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.004	Standard	No Exceedance
MW-151	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	0.578	2.23	Background	No Exceedance
MW-151	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-151	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	37	1,370	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-151	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	11	18	CI around geomean	0.00177	0.1	Standard	No Exceedance
MW-151	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	11	27	CI around geomean	0.000838	0.006	Standard	No Exceedance
MW-151	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	11	9	CI around median	0.49	4.0	Standard	No Exceedance
MW-151	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	11	46	CI around geomean	0.000979	0.0075	Standard	No Exceedance
MW-151	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	0.0256	0.123	Background	No Exceedance
MW-151	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-151	PMP	E009	pH (field)	SU	03/16/17 - 04/15/25	35	0	CI around mean	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-151	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	11	0	CI around mean	0.126	5	Standard	No Exceedance
MW-151	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-151	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	79.5	400	Standard	No Exceedance
MW-151	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E009	Total Dissolved Solids	mg/L	03/16/17 - 04/15/25	35	0	CB around T-S line	556	3,260	Background	No Exceedance
MW-152	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	10	40	CI around median	0.001	0.010	Standard	No Exceedance
MW-152	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.0168	2.0	Standard	No Exceedance
MW-152	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-152	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	10	0	CI around median	0.477	2.23	Background	No Exceedance
MW-152	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-152	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	10	0	CI around geomean	9.14	1,370	Background	No Exceedance
MW-152	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00168	0.1	Standard	No Exceedance
MW-152	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.000977	0.006	Standard	No Exceedance
MW-152	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	10	30	CI around mean	0.254	4.0	Standard	No Exceedance
MW-152	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00115	0.0075	Standard	No Exceedance
MW-152	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	10	10	CI around mean	0.00872	0.123	Background	No Exceedance
MW-152	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-152	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-152	PMP	E009	pH (field)	SU	03/22/16 - 04/15/25	38	0	CI around median	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-152	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	10	0	CI around mean	0.387	5	Standard	No Exceedance
MW-152	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-152	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	307	400	Standard	No Exceedance
MW-152	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-152	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	38	0	CB around linear reg	549	3,260	Background	No Exceedance
MW-153	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/14/25	11	82	CI around median	0.001	0.010	Standard	No Exceedance
MW-153	PMP	E009	Barium, total	mg/L	03/15/23 - 04/14/25	11	0	CI around geomean	0.035	2.0	Standard	No Exceedance
MW-153	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/14/25	11	82	CI around median	0.0006	0.004	Standard	No Exceedance
MW-153	PMP	E009	Boron, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.02	2.23	Background	No Exceedance
MW-153	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-153	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	15.8	1,370	Background	No Exceedance
MW-153	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/14/25	11	73	CI around median	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/14/25	11	27	CI around mean	0.38	4.0	Standard	No Exceedance
MW-153	PMP	E009	Lead, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.001	0.0075	Standard	No Exceedance
MW-153	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/14/25	11	9	CB around linear reg	0.00389	0.123	Background	No Exceedance
MW-153	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/14/25	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E009	pH (field)	SU	03/22/16 - 04/14/25	39	0	CB around T-S line	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-153	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/14/25	11	0	CI around geomean	0.498	5	Standard	No Exceedance
MW-153	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	0.00224	0.05	Standard	No Exceedance
MW-153	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	60.2	400	Standard	No Exceedance
MW-153	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/14/25	39	0	CI around median	370	3,260	Background	No Exceedance
MW-252	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00096	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-252	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	10	70	CI around median	0.001	0.010	Standard	No Exceedance
MW-252	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	10	0	CB around linear reg	0.0126	2.0	Standard	No Exceedance
MW-252	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-252	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.15	2.23	Background	No Exceedance
MW-252	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-252	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	10	0	CB around linear reg	35	1,370	Background	No Exceedance
MW-252	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	10	60	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	10	10	CI around mean	0.00113	0.006	Standard	No Exceedance
MW-252	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	10	30	CB around linear reg	0.31	4.0	Standard	No Exceedance
MW-252	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	10	80	CI around median	0.001	0.0075	Standard	No Exceedance
MW-252	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.0133	0.123	Background	No Exceedance
MW-252	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-252	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E009	pH (field)	SU	03/22/16 - 04/15/25	38	0	CI around median	6.8/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-252	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	10	0	CI around median	0.034	5	Standard	No Exceedance
MW-252	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-252	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	452	400	Standard	Exceedance
MW-252	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-252	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	38	0	CB around linear reg	1,130	3,260	Background	No Exceedance
MW-253R	PMP	E009	Antimony, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-253R	PMP	E009	Arsenic, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	-0.00153	0.010	Standard	No Exceedance
MW-253R	PMP	E009	Barium, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.0323	2.0	Standard	No Exceedance
MW-253R	PMP	E009	Beryllium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-253R	PMP	E009	Boron, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.172	2.23	Background	No Exceedance
MW-253R	PMP	E009	Cadmium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-253R	PMP	E009	Chloride, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	17.2	1,370	Background	No Exceedance
MW-253R	PMP	E009	Chromium, total	mg/L	07/18/24 - 04/14/25	5	40	CI around geomean	0.00061	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-253R	PMP	E009	Cobalt, total	mg/L	07/18/24 - 04/14/25	5	40	CI around geomean	0.000538	0.006	Standard	No Exceedance
MW-253R	PMP	E009	Fluoride, total	mg/L	07/18/24 - 04/14/25	5	80	CI around median (Last Sample, n<7)	0.5	4.0	Standard	No Exceedance
MW-253R	PMP	E009	Lead, total	mg/L	07/18/24 - 04/14/25	5	20	CI around mean	0.000774	0.0075	Standard	No Exceedance
MW-253R	PMP	E009	Lithium, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.0138	0.123	Background	No Exceedance
MW-253R	PMP	E009	Mercury, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-253R	PMP	E009	Molybdenum, total	mg/L	07/18/24 - 04/14/25	5	20	CI around mean	0.00178	0.1	Standard	No Exceedance
MW-253R	PMP	E009	pH (field)	SU	07/18/24 - 04/14/25	5	0	CI around mean	6.4/7.1	6.5/9.0	Standard/Standard	No Exceedance
MW-253R	PMP	E009	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 04/14/25	5	0	CI around mean	0.405	5	Standard	No Exceedance
MW-253R	PMP	E009	Selenium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-253R	PMP	E009	Sulfate, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	431	400	Standard	Exceedance
MW-253R	PMP	E009	Thallium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-253R	PMP	E009	Total Dissolved Solids	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	1,010	3,260	Background	No Exceedance
MW-350R	UA	E009	Antimony, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E009	Arsenic, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.000529	0.010	Standard	No Exceedance
MW-350R	UA	E009	Barium, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.0983	2.0	Standard	No Exceedance
MW-350R	UA	E009	Beryllium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-350R	UA	E009	Boron, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.908	2.23	Background	No Exceedance
MW-350R	UA	E009	Cadmium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-350R	UA	E009	Chloride, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	9.98	1,370	Background	No Exceedance
MW-350R	UA	E009	Chromium, total	mg/L	07/18/24 - 04/14/25	4	50	CI around median (Last Sample, n<7)	0.0015	0.1	Standard	No Exceedance
MW-350R	UA	E009	Cobalt, total	mg/L	07/18/24 - 04/14/25	4	75	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E009	Fluoride, total	mg/L	07/18/24 - 04/14/25	4	25	CI around mean	0.388	4.0	Standard	No Exceedance
MW-350R	UA	E009	Lead, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-350R	UA	E009	Lithium, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.0326	0.123	Background	No Exceedance
MW-350R	UA	E009	Mercury, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-350R	UA	E009	Molybdenum, total	mg/L	07/18/24 - 04/14/25	4	25	CI around mean	-0.00535	0.1	Standard	No Exceedance
MW-350R	UA	E009	pH (field)	SU	07/18/24 - 04/14/25	4	0	CI around mean	7.1/7.9	6.5/9.0	Standard/Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-350R	UA	E009	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 04/14/25	4	0	CI around mean	0.162	5	Standard	No Exceedance
MW-350R	UA	E009	Selenium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-350R	UA	E009	Sulfate, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	-43.1	400	Standard	No Exceedance
MW-350R	UA	E009	Thallium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-350R	UA	E009	Total Dissolved Solids	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	395	3,260	Background	No Exceedance
MW-352	UA	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-352	UA	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-352	UA	E009	Barium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around median	0.0839	2.0	Standard	No Exceedance
MW-352	UA	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-352	UA	E009	Boron, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	1.92	2.23	Background	No Exceedance
MW-352	UA	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-352	UA	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	541	1,370	Background	No Exceedance
MW-352	UA	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-352	UA	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	1.25	4.0	Standard	No Exceedance
MW-352	UA	E009	Lead, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	0.001	0.0075	Standard	No Exceedance
MW-352	UA	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around geomean	0.0877	0.123	Background	No Exceedance
MW-352	UA	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E009	pH (field)	SU	03/22/16 - 04/15/25	39	0	CB around T-S line	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
MW-352	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	11	0	CI around mean	0.7	5	Standard	No Exceedance
MW-352	UA	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-352	UA	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	10	400	Standard	No Exceedance
MW-352	UA	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-352	UA	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	39	0	CI around mean	1,130	3,260	Background	No Exceedance
MW-366	UA	E009	Antimony, total	mg/L	01/20/16 - 04/15/25	28	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E009	Arsenic, total	mg/L	01/20/16 - 04/15/25	28	93	CI around median	0.001	0.010	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-366	UA	E009	Barium, total	mg/L	01/20/16 - 04/15/25	28	0	CB around linear reg	0.0211	2.0	Standard	No Exceedance
MW-366	UA	E009	Beryllium, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-366	UA	E009	Boron, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	2.23	2.23	Background	No Exceedance
MW-366	UA	E009	Cadmium, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-366	UA	E009	Chloride, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	52.4	1,370	Background	No Exceedance
MW-366	UA	E009	Chromium, total	mg/L	01/20/16 - 04/15/25	28	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-366	UA	E009	Cobalt, total	mg/L	01/20/16 - 04/15/25	26	73	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E009	Fluoride, total	mg/L	01/20/16 - 04/15/25	29	10	CB around linear reg	0.096	4.0	Standard	No Exceedance
MW-366	UA	E009	Lead, total	mg/L	01/20/16 - 04/15/25	25	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-366	UA	E009	Lithium, total	mg/L	01/20/16 - 04/15/25	28	4	CB around linear reg	0.00321	0.123	Background	No Exceedance
MW-366	UA	E009	Mercury, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-366	UA	E009	Molybdenum, total	mg/L	01/20/16 - 04/15/25	28	4	CI around mean	0.00287	0.1	Standard	No Exceedance
MW-366	UA	E009	pH (field)	SU	01/20/16 - 04/15/25	29	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance
MW-366	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/15/25	28	0	CI around geomean	0.403	5	Standard	No Exceedance
MW-366	UA	E009	Selenium, total	mg/L	01/20/16 - 04/15/25	28	96	CI around median	0.001	0.05	Standard	No Exceedance
MW-366	UA	E009	Sulfate, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	704	400	Standard	Exceedance
MW-366	UA	E009	Thallium, total	mg/L	01/20/16 - 04/15/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-366	UA	E009	Total Dissolved Solids	mg/L	01/20/16 - 04/15/25	28	0	CB around linear reg	1,450	3,260	Background	No Exceedance
MW-375	UA	E009	Antimony, total	mg/L	01/20/16 - 04/16/25	28	39	CB around T-S line	0.000446	0.006	Standard	No Exceedance
MW-375	UA	E009	Arsenic, total	mg/L	01/20/16 - 04/16/25	28	4	CI around median	0.0014	0.010	Standard	No Exceedance
MW-375	UA	E009	Barium, total	mg/L	01/20/16 - 04/16/25	28	0	CI around mean	0.0245	2.0	Standard	No Exceedance
MW-375	UA	E009	Beryllium, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-375	UA	E009	Boron, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	1.31	2.23	Background	No Exceedance
MW-375	UA	E009	Cadmium, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-375	UA	E009	Chloride, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	92.3	1,370	Background	No Exceedance
MW-375	UA	E009	Chromium, total	mg/L	01/20/16 - 04/16/25	28	96	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-375	UA	E009	Cobalt, total	mg/L	01/20/16 - 04/16/25	26	96	Most recent sample	0.001	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-375	UA	E009	Fluoride, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	2.24	4.0	Standard	No Exceedance
MW-375	UA	E009	Lead, total	mg/L	01/20/16 - 04/16/25	25	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-375	UA	E009	Lithium, total	mg/L	01/20/16 - 04/16/25	28	0	CB around linear reg	0.0708	0.123	Background	No Exceedance
MW-375	UA	E009	Mercury, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-375	UA	E009	Molybdenum, total	mg/L	01/20/16 - 04/16/25	28	0	CI around mean	0.0238	0.1	Standard	No Exceedance
MW-375	UA	E009	pH (field)	SU	01/20/16 - 04/16/25	29	0	CB around T-S line	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
MW-375	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/16/25	28	0	CI around median	0.28	5	Standard	No Exceedance
MW-375	UA	E009	Selenium, total	mg/L	01/20/16 - 04/16/25	28	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-375	UA	E009	Sulfate, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	110	400	Standard	No Exceedance
MW-375	UA	E009	Thallium, total	mg/L	01/20/16 - 04/16/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-375	UA	E009	Total Dissolved Solids	mg/L	01/20/16 - 04/16/25	29	0	CI around median	916	3,260	Background	No Exceedance
MW-377	UA	E009	Antimony, total	mg/L	01/19/16 - 04/16/25	28	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-377	UA	E009	Arsenic, total	mg/L	01/19/16 - 04/16/25	28	82	CI around median	0.001	0.010	Standard	No Exceedance
MW-377	UA	E009	Barium, total	mg/L	01/19/16 - 04/16/25	28	0	CI around mean	0.0603	2.0	Standard	No Exceedance
MW-377	UA	E009	Beryllium, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-377	UA	E009	Boron, total	mg/L	01/19/16 - 04/16/25	29	0	CI around mean	1.67	2.23	Background	No Exceedance
MW-377	UA	E009	Cadmium, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-377	UA	E009	Chloride, total	mg/L	01/19/16 - 04/16/25	29	0	CB around linear reg	94.4	1,370	Background	No Exceedance
MW-377	UA	E009	Chromium, total	mg/L	01/19/16 - 04/16/25	28	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-377	UA	E009	Cobalt, total	mg/L	01/19/16 - 04/16/25	26	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-377	UA	E009	Fluoride, total	mg/L	01/19/16 - 04/16/25	29	0	CB around linear reg	1.16	4.0	Standard	No Exceedance
MW-377	UA	E009	Lead, total	mg/L	01/19/16 - 04/16/25	25	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-377	UA	E009	Lithium, total	mg/L	01/19/16 - 04/16/25	28	0	CB around linear reg	0.0593	0.123	Background	No Exceedance
MW-377	UA	E009	Mercury, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-377	UA	E009	Molybdenum, total	mg/L	01/19/16 - 04/16/25	28	71	CB around T-S line	0.00086	0.1	Standard	No Exceedance
MW-377	UA	E009	pH (field)	SU	01/19/16 - 04/16/25	29	0	CI around median	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-377	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 04/16/25	28	0	CI around mean	0.439	5	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-377	UA	E009	Selenium, total	mg/L	01/19/16 - 04/16/25	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-377	UA	E009	Sulfate, total	mg/L	01/19/16 - 04/16/25	29	0	CB around T-S line	33.8	400	Standard	No Exceedance
MW-377	UA	E009	Thallium, total	mg/L	01/19/16 - 04/16/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-377	UA	E009	Total Dissolved Solids	mg/L	01/19/16 - 04/16/25	29	0	CI around mean	605	3,260	Background	No Exceedance
MW-383	UA	E009	Antimony, total	mg/L	01/21/16 - 04/15/25	28	89	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-383	UA	E009	Arsenic, total	mg/L	01/21/16 - 04/15/25	28	82	CI around median	0.001	0.010	Standard	No Exceedance
MW-383	UA	E009	Barium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around T-S line	0.0464	2.0	Standard	No Exceedance
MW-383	UA	E009	Beryllium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-383	UA	E009	Boron, total	mg/L	01/21/16 - 04/15/25	29	0	CI around median	1.35	2.23	Background	No Exceedance
MW-383	UA	E009	Cadmium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-383	UA	E009	Chloride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	41.9	1,370	Background	No Exceedance
MW-383	UA	E009	Chromium, total	mg/L	01/21/16 - 04/15/25	28	89	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-383	UA	E009	Cobalt, total	mg/L	01/21/16 - 04/15/25	26	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-383	UA	E009	Fluoride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	0.638	4.0	Standard	No Exceedance
MW-383	UA	E009	Lead, total	mg/L	01/21/16 - 04/15/25	25	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-383	UA	E009	Lithium, total	mg/L	01/21/16 - 04/15/25	28	0	CI around median	0.0354	0.123	Background	No Exceedance
MW-383	UA	E009	Mercury, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-383	UA	E009	Molybdenum, total	mg/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.0103	0.1	Standard	No Exceedance
MW-383	UA	E009	pH (field)	SU	01/21/16 - 04/15/25	29	0	CB around linear reg	7.4/7.6	6.5/9.0	Standard/Standard	No Exceedance
MW-383	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.245	5	Standard	No Exceedance
MW-383	UA	E009	Selenium, total	mg/L	01/21/16 - 04/15/25	28	96	CI around median	0.001	0.05	Standard	No Exceedance
MW-383	UA	E009	Sulfate, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	148	400	Standard	No Exceedance
MW-383	UA	E009	Thallium, total	mg/L	01/21/16 - 04/15/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-383	UA	E009	Total Dissolved Solids	mg/L	01/21/16 - 04/15/25	29	0	CI around mean	884	3,260	Background	No Exceedance
MW-384	UA	E009	Antimony, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E009	Arsenic, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-384	UA	E009	Barium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around T-S line	0.0368	2.0	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-384	UA	E009	Beryllium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-384	UA	E009	Boron, total	mg/L	01/21/16 - 04/15/25	29	0	CI around median	1.44	2.23	Background	No Exceedance
MW-384	UA	E009	Cadmium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-384	UA	E009	Chloride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around T-S line	476	1,370	Background	No Exceedance
MW-384	UA	E009	Chromium, total	mg/L	01/21/16 - 04/15/25	28	79	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-384	UA	E009	Cobalt, total	mg/L	01/21/16 - 04/15/25	26	92	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-384	UA	E009	Fluoride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	4.13	4.0	Standard	Exceedance
MW-384	UA	E009	Lead, total	mg/L	01/21/16 - 04/15/25	25	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-384	UA	E009	Lithium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around linear reg	0.0429	0.123	Background	No Exceedance
MW-384	UA	E009	Mercury, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-384	UA	E009	Molybdenum, total	mg/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.0156	0.1	Standard	No Exceedance
MW-384	UA	E009	pH (field)	SU	01/21/16 - 04/15/25	29	0	CI around median	7.8/8.0	6.5/9.0	Standard/Standard	No Exceedance
MW-384	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.325	5	Standard	No Exceedance
MW-384	UA	E009	Selenium, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-384	UA	E009	Sulfate, total	mg/L	01/21/16 - 04/15/25	29	3	CB around linear reg	-10.8	400	Standard	No Exceedance
MW-384	UA	E009	Thallium, total	mg/L	01/21/16 - 04/15/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-384	UA	E009	Total Dissolved Solids	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	1,540	3,260	Background	No Exceedance
MW-390	UA	E009	Antimony, total	mg/L	03/22/16 - 04/15/25	28	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E009	Arsenic, total	mg/L	03/22/16 - 04/15/25	28	14	CI around median	0.0013	0.010	Standard	No Exceedance
MW-390	UA	E009	Barium, total	mg/L	03/22/16 - 04/15/25	28	0	CI around mean	0.047	2.0	Standard	No Exceedance
MW-390	UA	E009	Beryllium, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-390	UA	E009	Boron, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	0.387	2.23	Background	No Exceedance
MW-390	UA	E009	Cadmium, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-390	UA	E009	Chloride, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	64.9	1,370	Background	No Exceedance
MW-390	UA	E009	Chromium, total	mg/L	03/22/16 - 04/15/25	28	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-390	UA	E009	Cobalt, total	mg/L	03/22/16 - 04/15/25	26	65	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E009	Fluoride, total	mg/L	03/22/16 - 04/15/25	29	0	CI around median	0.64	4.0	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-390	UA	E009	Lead, total	mg/L	03/22/16 - 04/15/25	25	88	CI around median	0.001	0.0075	Standard	No Exceedance
MW-390	UA	E009	Lithium, total	mg/L	03/22/16 - 04/15/25	28	4	CI around mean	0.0218	0.123	Background	No Exceedance
MW-390	UA	E009	Mercury, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-390	UA	E009	Molybdenum, total	mg/L	03/22/16 - 04/15/25	28	4	CI around median	0.0029	0.1	Standard	No Exceedance
MW-390	UA	E009	pH (field)	SU	03/22/16 - 04/15/25	29	0	CB around linear reg	6.9/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-390	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 04/15/25	28	0	CI around geomean	0.562	5	Standard	No Exceedance
MW-390	UA	E009	Selenium, total	mg/L	03/22/16 - 04/15/25	28	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-390	UA	E009	Sulfate, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	138	400	Standard	No Exceedance
MW-390	UA	E009	Thallium, total	mg/L	03/22/16 - 04/15/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-390	UA	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	695	3,260	Background	No Exceedance
MW-391R	UA	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-391R	UA	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-391R	UA	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
MW-391R	UA	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-391R	UA	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2.23	Background	--
MW-391R	UA	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-391R	UA	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	1,370	Background	--
MW-391R	UA	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-391R	UA	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-391R	UA	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-391R	UA	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-391R	UA	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.123	Background	--
MW-391R	UA	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-391R	UA	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-391R	UA	E009	pH (field)	SU	--	--	--	--	NS ⁷	6.5/9.0	Standard/Standard	--
MW-391R	UA	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-391R	UA	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-391R	UA	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-391R	UA	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-391R	UA	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	3,260	Background	--

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

Notes:

-- = no data available

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Fly Ash Pond System. The proposed groundwater monitoring program was revised on August 25, 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

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

CI around median (Last Sample, n<7) = Data characterization in accordance with the Statistical Analysis Plan indicated that a confidence interval around the median was the most appropriate statistic. However, fewer than seven samples (the minimum required to calculate a CI around the median) were available. Due to insufficient sample size, the result for the most recently collected sample was used.

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

NS³ = The location was not accessible; therefore, a sample was not collected.

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

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits

GWPS Source:

Background = background concentration

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

FIGURES

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025

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

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-150	Compliance	04/14/2025	15.78	381.15
MW-151	Compliance	04/14/2025	4.14	396.08
MW-152	Compliance	04/14/2025	5.44	419.67
MW-153	Compliance	04/14/2025	8.96	436.89
MW-252	Compliance	04/14/2025	3.11	422.00
MW-253R	Compliance	04/14/2025	14.56	431.10
MW-304	Background	04/14/2025	8.61	446.70
MW-350R	Compliance	04/14/2025	19.07	377.23
MW-352	Compliance	04/14/2025	3.44	421.49
MW-358R	Background	04/14/2025	25.54	430.58
MW-366	Compliance	04/14/2025	10.98	414.10
MW-375	Compliance	04/14/2025	31.86	391.01
MW-377	Compliance	04/14/2025	6.32	414.92
MW-383	Compliance	04/14/2025	19.96	439.59
MW-384	Compliance	04/14/2025	16.30	442.57
MW-390	Compliance	04/14/2025	4.42	423.18
MW-391R	Compliance	04/14/2025	68.49	358.39

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**

June 20, 2025

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-25Q2

WorkOrder: 25040001

Dear Eric Bauer:

TEKLAB, INC received 19 samples for BAL_845_605 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: 20-Jun-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	27
Quality Control Results	28
Receiving Check List	67
Chain of Custody	Appended

Client: Ramboll**Work Order:** 25040001**Client Project:** BAL-25Q2**Report Date:** 20-Jun-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: 20-Jun-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:** 20-Jun-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-350R collection time per field file. - EAH 4/23/25

Per Eric Bauer's request, only BAL_845_605 data is included in this report. EAH 5/9/25

This report is a revision of the original report dated May 9, 2025. The report (revision 1) is being revised due to: Results from the sample obtained from monitoring well MW-391R on April 16, 2025 are omitted, as it was determined from a resample attempt on June 17 and 18, 2025 that the methods for obtaining the initial April sample were not consistent with low-flow/low-stress sampling methods and were not representative of the aquifer conditions. Please replace report dated May 9, 2025 with this report. EAH 6/20/25

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

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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:** 20-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	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: 25040001-003
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-150
Collection Date: 04/14/2025 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.78	ft	1	04/14/2025 11:44	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.8	NTU	1	04/14/2025 11:44	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		17	mV	1	04/14/2025 11:44	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4120	µS/cm	1	04/14/2025 11:44	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.1	°C	1	04/14/2025 11:44	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.94	mg/L	1	04/14/2025 11:44	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.07		1	04/14/2025 11:44	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		369	mg/L	1	04/15/2025 11:06	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 11:06	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1950	mg/L	1	04/23/2025 9:15	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.66	mg/L	10	04/16/2025 8:07	R363511
Chloride	NELAP	1.00	5.00		51.5	mg/L	10	04/16/2025 8:07	R363511
Sulfate	NELAP	0.99	10.0		1070	mg/L	10	04/16/2025 8:07	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		170	mg/L	1	04/16/2025 20:31	237609
Magnesium	NELAP	0.0055	0.0500		176	mg/L	1	04/16/2025 20:31	237609
Potassium	NELAP	0.0400	0.100		0.683	mg/L	1	04/16/2025 20:31	237609
Sodium	NELAP	0.0180	0.0500		128	mg/L	1	04/16/2025 20:31	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 0:42	237609
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	04/17/2025 0:42	237609
Barium	NELAP	0.0007	0.0010		0.0140	mg/L	5	04/17/2025 0:42	237609
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 14:43	237609
Boron	NELAP	0.0110	0.0250		3.43	mg/L	5	04/17/2025 0:42	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 0:42	237609
Chromium	NELAP	0.0007	0.0015	J	0.0015	mg/L	5	04/17/2025 0:42	237609
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/17/2025 0:42	237609
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 0:42	237609
Lithium	*	0.0015	0.0030		0.0661	mg/L	5	04/17/2025 0:42	237609
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	04/17/2025 0:42	237609
Selenium	NELAP	0.0006	0.0010		0.0033	mg/L	5	04/17/2025 0:42	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 0:42	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/16/2025 17:35	237615



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-004
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25

Client Sample ID: MW-151

Collection Date: 04/15/2025 13:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.25	ft	1	04/15/2025 13:34	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		13	NTU	1	04/15/2025 13:34	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		30	mV	1	04/15/2025 13:34	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		990	µS/cm	1	04/15/2025 13:34	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.7	°C	1	04/15/2025 13:34	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.10	mg/L	1	04/15/2025 13:34	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	04/15/2025 13:34	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		416	mg/L	1	04/16/2025 9:16	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 9:16	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	570	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	0.23	mg/L	10	04/17/2025 21:48	R363495
Chloride	NELAP	1.00	5.00		35.8	mg/L	10	04/16/2025 18:13	R363511
Sulfate	NELAP	0.99	10.0		74.9	mg/L	10	04/16/2025 18:13	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		104	mg/L	1	04/17/2025 11:05	237674
Magnesium	NELAP	0.0055	0.0500		40.3	mg/L	1	04/17/2025 11:05	237674
Potassium	NELAP	0.0400	0.100		0.967	mg/L	1	04/17/2025 11:05	237674
Sodium	NELAP	0.0180	0.0500		56.4	mg/L	1	04/17/2025 11:05	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0010	mg/L	5	04/17/2025 16:36	237674
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 16:36	237674
Barium	NELAP	0.0007	0.0010		0.0514	mg/L	5	04/22/2025 2:55	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:36	237674
Boron	NELAP	0.0092	0.0250		0.816	mg/L	5	04/17/2025 16:36	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:36	237674
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	04/17/2025 16:36	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/17/2025 16:36	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 16:36	237674
Lithium	*	0.0015	0.0030		0.0282	mg/L	5	04/17/2025 16:36	237674
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 16:36	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 16:36	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 16:36	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 15:29	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-005
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-152
Collection Date: 04/15/2025 12:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.61	ft	1	04/15/2025 12:44	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		75	NTU	1	04/15/2025 12:44	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		20	mV	1	04/15/2025 12:44	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1170	µS/cm	1	04/15/2025 12:44	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.1	°C	1	04/15/2025 12:44	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.59	mg/L	1	04/15/2025 12:44	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.78		1	04/15/2025 12:44	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		381	mg/L	1	04/16/2025 9:31	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 9:31	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	804	mg/L	1	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	0.20	mg/L	10	04/16/2025 18:25	R363511
Chloride	NELAP	1.00	5.00		9.00	mg/L	10	04/16/2025 18:25	R363511
Sulfate	NELAP	0.99	10.0		257	mg/L	10	04/16/2025 18:25	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		108	mg/L	1	04/17/2025 11:06	237674
Magnesium	NELAP	0.0055	0.0500		50.6	mg/L	1	04/17/2025 11:06	237674
Potassium	NELAP	0.0400	0.100		1.55	mg/L	1	04/17/2025 11:06	237674
Sodium	NELAP	0.0180	0.0500		92.2	mg/L	1	04/17/2025 11:06	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/17/2025 16:43	237674
Arsenic	NELAP	0.0004	0.0010		0.0017	mg/L	5	04/17/2025 16:43	237674
Barium	NELAP	0.0007	0.0010		0.0220	mg/L	5	04/22/2025 3:01	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:43	237674
Boron	NELAP	0.0092	0.0250		0.422	mg/L	5	04/17/2025 16:43	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:43	237674
Chromium	NELAP	0.0007	0.0015		0.0058	mg/L	5	04/17/2025 16:43	237674
Cobalt	NELAP	0.0001	0.0010		0.0019	mg/L	5	04/17/2025 16:43	237674
Lead	NELAP	0.0006	0.0010		0.0029	mg/L	5	04/17/2025 16:43	237674
Lithium	*	0.0015	0.0030		0.0133	mg/L	5	04/17/2025 16:43	237674
Molybdenum	NELAP	0.0006	0.0015	J	0.0008	mg/L	5	04/17/2025 16:43	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 16:43	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 16:43	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 15:31	237681

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-006
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-153
Collection Date: 04/14/2025 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.96	ft	1	04/14/2025 12:21	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		92	NTU	1	04/14/2025 12:21	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		121	mV	1	04/14/2025 12:21	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		657	µS/cm	1	04/14/2025 12:21	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	04/14/2025 12:21	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.31	mg/L	1	04/14/2025 12:21	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.90		1	04/14/2025 12:21	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		204	mg/L	1	04/15/2025 11:22	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 11:22	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		482	mg/L	1	04/23/2025 9:15	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.26	mg/L	10	04/16/2025 8:18	R363511
Chloride	NELAP	1.00	5.00		16.7	mg/L	10	04/16/2025 8:18	R363511
Sulfate	NELAP	0.99	10.0		66.0	mg/L	10	04/16/2025 8:18	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		50.6	mg/L	1	04/16/2025 20:33	237609
Magnesium	NELAP	0.0055	0.0500		21.4	mg/L	1	04/16/2025 20:33	237609
Potassium	NELAP	0.0400	0.100		0.609	mg/L	1	04/16/2025 20:33	237609
Sodium	NELAP	0.0180	0.0500		49.4	mg/L	1	04/16/2025 20:33	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 0:48	237609
Arsenic	NELAP	0.0004	0.0010		0.0016	mg/L	5	04/17/2025 0:48	237609
Barium	NELAP	0.0007	0.0010		0.0629	mg/L	5	04/17/2025 0:48	237609
Beryllium	NELAP	0.0002	0.0010	J	0.0003	mg/L	5	04/17/2025 14:49	237609
Boron	NELAP	0.011	0.025	J	0.024	mg/L	5	04/17/2025 0:48	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 0:48	237609
Chromium	NELAP	0.0007	0.0015		0.0043	mg/L	5	04/17/2025 0:48	237609
Cobalt	NELAP	0.0001	0.0010		0.0010	mg/L	5	04/17/2025 0:48	237609
Lead	NELAP	0.0006	0.0010		0.0039	mg/L	5	04/17/2025 0:48	237609
Lithium	*	0.0015	0.0030		0.0054	mg/L	5	04/17/2025 0:48	237609
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 0:48	237609
Selenium	NELAP	0.0006	0.0010		0.0027	mg/L	5	04/17/2025 0:48	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 0:48	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 11:14	237618

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-011
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-252
Collection Date: 04/15/2025 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.22	ft	1	04/15/2025 12:11	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.5	NTU	1	04/15/2025 12:11	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		14	mV	1	04/15/2025 12:11	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1690	µS/cm	1	04/15/2025 12:11	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.0	°C	1	04/15/2025 12:11	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.53	mg/L	1	04/15/2025 12:11	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.81		1	04/15/2025 12:11	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		475	mg/L	1	04/16/2025 9:39	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 9:39	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33	H	1350	mg/L	1.67	04/29/2025 10:30	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	0.18	mg/L	10	04/16/2025 19:35	R363511
Chloride	NELAP	1.00	5.00		36.1	mg/L	10	04/16/2025 19:35	R363511
Sulfate	NELAP	0.99	10.0		479	mg/L	10	04/16/2025 19:35	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		196	mg/L	1	04/17/2025 11:08	237674
Magnesium	NELAP	0.0055	0.0500		77.0	mg/L	1	04/17/2025 11:08	237674
Potassium	NELAP	0.0400	0.100		2.21	mg/L	1	04/17/2025 11:08	237674
Sodium	NELAP	0.0180	0.0500		90.9	mg/L	1	04/17/2025 11:08	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/17/2025 17:46	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	04/17/2025 17:46	237674
Barium	NELAP	0.0007	0.0010		0.0205	mg/L	5	04/22/2025 3:12	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:46	237674
Boron	NELAP	0.0092	0.0250		0.180	mg/L	5	04/17/2025 17:46	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 17:46	237674
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	04/17/2025 17:46	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	04/17/2025 17:46	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:46	237674
Lithium	*	0.0015	0.0030		0.0161	mg/L	5	04/17/2025 17:46	237674
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	04/17/2025 17:46	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 17:46	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 17:46	237674
<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	04/17/2025 15:42	237681

Client: Ramboll
 Client Project: BAL-25Q2
 Lab ID: 25040001-012
 Matrix: GROUNDWATER

Work Order: 25040001
 Report Date: 20-Jun-25
 Client Sample ID: MW-253R
 Collection Date: 04/14/2025 12:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.56	ft	1	04/14/2025 12:49	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.9	NTU	1	04/14/2025 12:49	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-43	mV	1	04/14/2025 12:49	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1860	µS/cm	1	04/14/2025 12:49	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.8	°C	1	04/14/2025 12:49	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.52	mg/L	1	04/14/2025 12:49	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.68		1	04/14/2025 12:49	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		449	mg/L	1	04/15/2025 11:14	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 11:14	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		1240	mg/L	1.67	04/23/2025 9:11	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/16/2025 9:05	R363511
Chloride	NELAP	1.00	5.00		19.3	mg/L	10	04/16/2025 9:05	R363511
Sulfate	NELAP	0.99	10.0		511	mg/L	10	04/16/2025 9:05	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		177	mg/L	1	04/16/2025 20:34	237609
Magnesium	NELAP	0.0055	0.0500		71.3	mg/L	1	04/16/2025 20:34	237609
Potassium	NELAP	0.0400	0.100		3.69	mg/L	1	04/16/2025 20:34	237609
Sodium	NELAP	0.0180	0.0500		95.4	mg/L	1	04/16/2025 20:34	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 1:07	237609
Arsenic	NELAP	0.0004	0.0010		0.0029	mg/L	5	04/17/2025 1:07	237609
Barium	NELAP	0.0007	0.0010		0.0553	mg/L	5	04/17/2025 1:07	237609
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 14:56	237609
Boron	NELAP	0.0110	0.0250		0.202	mg/L	5	04/17/2025 1:07	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 1:07	237609
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/17/2025 1:07	237609
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/17/2025 1:07	237609
Lead	NELAP	0.0006	0.0010		0.0024	mg/L	5	04/17/2025 1:07	237609
Lithium	*	0.0015	0.0030		0.0173	mg/L	5	04/17/2025 1:07	237609
Molybdenum	NELAP	0.0006	0.0015		0.0045	mg/L	5	04/17/2025 1:07	237609
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 1:07	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 1:07	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 11:16	237618



Laboratory Results

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

Work Order: 25040001
Report Date: 20-Jun-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) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		804	mg/L	1	04/15/2025 10:49	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 10:49	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
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: 25040001-014
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-350R
Collection Date: 04/14/2025 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.07	ft	1	04/14/2025 10:50	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		11	NTU	1	04/14/2025 10:50	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-86	mV	1	04/14/2025 10:50	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1850	µS/cm	1	04/14/2025 10:50	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	04/14/2025 10:50	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.03	mg/L	1	04/14/2025 10:50	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.53		1	04/14/2025 10:50	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		376	mg/L	1	04/15/2025 10:41	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 10:41	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	40	50		630	mg/L	2.5	04/23/2025 9:13	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.76	mg/L	10	04/16/2025 9:28	R363511
Chloride	NELAP	1.00	5.00		20.5	mg/L	10	04/16/2025 9:28	R363511
Sulfate	NELAP	0.99	10.0		140	mg/L	10	04/16/2025 9:28	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		42.5	mg/L	1	04/16/2025 20:37	237609
Magnesium	NELAP	0.0055	0.0500		23.6	mg/L	1	04/16/2025 20:37	237609
Potassium	NELAP	0.0400	0.100		4.74	mg/L	1	04/16/2025 20:37	237609
Sodium	NELAP	0.0180	0.0500		155	mg/L	1	04/16/2025 20:37	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 1:20	237609
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	04/17/2025 1:20	237609
Barium	NELAP	0.0007	0.0010		0.120	mg/L	5	04/17/2025 1:20	237609
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 15:08	237609
Boron	NELAP	0.0110	0.0250		1.16	mg/L	5	04/17/2025 1:20	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 1:20	237609
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/17/2025 1:20	237609
Cobalt	NELAP	0.0001	0.0010	J	0.0001	mg/L	5	04/17/2025 1:20	237609
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 1:20	237609
Lithium	*	0.0015	0.0030		0.0462	mg/L	5	04/17/2025 1:20	237609
Molybdenum	NELAP	0.0006	0.0015	J	0.0011	mg/L	5	04/17/2025 1:20	237609
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 1:20	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 1:20	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 11:25	237618

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-015
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-352
Collection Date: 04/15/2025 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.14	ft	1	04/15/2025 11:40	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.1	NTU	1	04/15/2025 11:40	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		1	mV	1	04/15/2025 11:40	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2140	µS/cm	1	04/15/2025 11:40	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.3	°C	1	04/15/2025 11:40	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.17	mg/L	1	04/15/2025 11:40	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.43		1	04/15/2025 11:40	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		146	mg/L	1	04/16/2025 9:47	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 9:47	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	1420	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		1.40	mg/L	10	04/16/2025 19:46	R363511
Chloride	NELAP	1.00	5.00		648	mg/L	10	04/16/2025 19:46	R363511
Sulfate	NELAP	0.99	10	J	5.8	mg/L	10	04/16/2025 19:46	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	92.3	mg/L	1	04/17/2025 14:19	237674
Magnesium	NELAP	0.0055	0.0500	S	43.4	mg/L	1	04/17/2025 14:19	237674
Potassium	NELAP	0.0400	0.100		3.70	mg/L	1	04/17/2025 14:19	237674
Sodium	NELAP	0.0180	0.0500	S	240	mg/L	1	04/17/2025 14:19	237674
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	J	0.0006	mg/L	5	04/17/2025 16:49	237674
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 16:49	237674
Barium	NELAP	0.0007	0.0010		0.0837	mg/L	5	04/22/2025 3:18	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:49	237674
Boron	NELAP	0.0092	0.0250		1.97	mg/L	5	04/22/2025 3:18	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:49	237674
Chromium	NELAP	0.0007	0.0015	J	0.0015	mg/L	5	04/17/2025 16:49	237674
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	04/17/2025 16:49	237674
Lead	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	04/17/2025 16:49	237674
Lithium	*	0.0015	0.0030		0.0997	mg/L	5	04/17/2025 16:49	237674
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/17/2025 16:49	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 16:49	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 16:49	237674

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-015
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-352
Collection Date: 04/15/2025 11:40

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 15:49	237681



Laboratory Results

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

Work Order: 25040001
Report Date: 20-Jun-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) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		821	mg/L	1	04/16/2025 10:15	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:15	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	80	100	H	2950	mg/L	5	04/25/2025 16:25	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		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
<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	04/17/2025 15:58	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-019
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-366
Collection Date: 04/15/2025 11:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.25	ft	1	04/15/2025 11:12	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.4	NTU	1	04/15/2025 11:12	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		33	mV	1	04/15/2025 11:12	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1900	µS/cm	1	04/15/2025 11:12	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.7	°C	1	04/15/2025 11:12	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.21	mg/L	1	04/15/2025 11:12	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.61		1	04/15/2025 11:12	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		336	mg/L	1	04/16/2025 10:24	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:24	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	1440	mg/L	1	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	J	0.14	mg/L	10	04/16/2025 20:45	R363511
Chloride	NELAP	1.00	5.00		50.2	mg/L	10	04/16/2025 20:45	R363511
Sulfate	NELAP	0.99	10.0		712	mg/L	10	04/16/2025 20:45	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		238	mg/L	1	04/17/2025 14:22	237674
Magnesium	NELAP	0.0055	0.0500		95.2	mg/L	1	04/17/2025 14:22	237674
Potassium	NELAP	0.0400	0.100		3.55	mg/L	1	04/17/2025 14:22	237674
Sodium	NELAP	0.0180	0.0500		62.4	mg/L	1	04/17/2025 14:22	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	04/17/2025 18:04	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	04/17/2025 18:04	237674
Barium	NELAP	0.0007	0.0010		0.0343	mg/L	5	04/22/2025 4:19	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:04	237674
Boron	NELAP	0.0092	0.0250		2.52	mg/L	5	04/17/2025 18:04	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:04	237674
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/17/2025 18:04	237674
Cobalt	NELAP	0.0001	0.0010		0.0011	mg/L	5	04/17/2025 18:04	237674
Lead	NELAP	0.0006	0.0010		0.0015	mg/L	5	04/17/2025 18:04	237674
Lithium	*	0.0015	0.0030		0.0086	mg/L	5	04/17/2025 18:04	237674
Molybdenum	NELAP	0.0006	0.0015		0.0018	mg/L	5	04/17/2025 18:04	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:04	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 18:04	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 16:00	237681



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-022
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-375
Collection Date: 04/16/2025 11:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		31.81	ft	1	04/16/2025 11:08	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.5	NTU	1	04/16/2025 11:08	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-122	mV	1	04/16/2025 11:08	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1650	µS/cm	1	04/16/2025 11:08	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/16/2025 11:08	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.48	mg/L	1	04/16/2025 11:08	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.66		1	04/16/2025 11:08	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		595	mg/L	1	04/17/2025 9:41	R363538
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 9:41	R363538
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	996	mg/L	1	04/29/2025 10:29	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		2.33	mg/L	10	04/17/2025 15:53	R363495
Chloride	NELAP	1.00	5.00		94.3	mg/L	10	04/17/2025 15:53	R363495
Sulfate	NELAP	0.99	10.0		83.8	mg/L	10	04/17/2025 15:53	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		12.5	mg/L	1	04/17/2025 14:39	237710
Magnesium	NELAP	0.0055	0.0500		5.63	mg/L	1	04/17/2025 14:39	237710
Potassium	NELAP	0.0400	0.100		3.11	mg/L	1	04/17/2025 14:39	237710
Sodium	NELAP	0.0180	0.0500		337	mg/L	1	04/17/2025 14:39	237710
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 2:09	237710
Arsenic	NELAP	0.0004	0.0010		0.0030	mg/L	5	04/18/2025 2:09	237710
Barium	NELAP	0.0007	0.0010		0.0211	mg/L	5	04/23/2025 5:21	237710
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:09	237710
Boron	NELAP	0.0092	0.0250		1.37	mg/L	5	04/18/2025 2:09	237710
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:09	237710
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/18/2025 2:09	237710
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/18/2025 2:09	237710
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:09	237710
Lithium	*	0.0015	0.0030		0.0729	mg/L	5	04/18/2025 2:09	237710
Molybdenum	NELAP	0.0006	0.0015		0.0184	mg/L	5	04/18/2025 2:09	237710
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:09	237710
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 2:09	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 12:26	237759



Laboratory Results

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Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-023
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-377
Collection Date: 04/16/2025 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.26	ft	1	04/16/2025 12:05	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		20	NTU	1	04/16/2025 12:05	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-25	mV	1	04/16/2025 12:05	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1140	µS/cm	1	04/16/2025 12:05	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/16/2025 12:05	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.16	mg/L	1	04/16/2025 12:05	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	04/16/2025 12:05	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		407	mg/L	1	04/17/2025 9:48	R363538
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 9:48	R363538
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	670	mg/L	1	04/29/2025 10:29	R364192
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		1.20	mg/L	10	04/17/2025 16:31	R363495
Chloride	NELAP	1.00	5.00		96.1	mg/L	10	04/17/2025 16:31	R363495
Sulfate	NELAP	0.99	10.0		37.0	mg/L	10	04/17/2025 16:31	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		53.6	mg/L	1	04/17/2025 14:39	237710
Magnesium	NELAP	0.0055	0.0500		34.7	mg/L	1	04/17/2025 14:39	237710
Potassium	NELAP	0.0400	0.100		3.38	mg/L	1	04/17/2025 14:39	237710
Sodium	NELAP	0.0180	0.0500		125	mg/L	1	04/17/2025 14:39	237710
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 3:00	237710
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	04/18/2025 3:00	237710
Barium	NELAP	0.0007	0.0010		0.0597	mg/L	5	04/23/2025 5:26	237710
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:00	237710
Boron	NELAP	0.0092	0.0250		1.52	mg/L	5	04/18/2025 3:00	237710
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 3:00	237710
Chromium	NELAP	0.0007	0.0015	J	0.0012	mg/L	5	04/18/2025 3:00	237710
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	04/18/2025 3:00	237710
Lead	NELAP	0.0006	0.0010		0.0010	mg/L	5	04/18/2025 3:00	237710
Lithium	*	0.0015	0.0030		0.0555	mg/L	5	04/18/2025 3:00	237710
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	04/18/2025 3:00	237710
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 3:00	237710
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 3:00	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 15:39	237759

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-025
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-383
Collection Date: 04/15/2025 9:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.99	ft	1	04/15/2025 9:21	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		24	NTU	1	04/15/2025 9:21	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		76	mV	1	04/15/2025 9:21	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1570	µS/cm	1	04/15/2025 9:21	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.5	°C	1	04/15/2025 9:21	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.34	mg/L	1	04/15/2025 9:21	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.35		1	04/15/2025 9:21	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		532	mg/L	1	04/16/2025 10:54	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 10:54	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	934	mg/L	1	04/25/2025 16:25	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		0.61	mg/L	10	04/16/2025 22:06	R363511
Chloride	NELAP	1.00	5.00		42.8	mg/L	10	04/16/2025 22:06	R363511
Sulfate	NELAP	0.99	10.0		172	mg/L	10	04/16/2025 22:06	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		18.1	mg/L	1	04/17/2025 14:25	237674
Magnesium	NELAP	0.0055	0.0500		6.40	mg/L	1	04/17/2025 14:25	237674
Potassium	NELAP	0.0400	0.100		2.17	mg/L	1	04/17/2025 14:25	237674
Sodium	NELAP	0.0180	0.0500		341	mg/L	1	04/17/2025 14:25	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 18:29	237674
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	04/17/2025 18:29	237674
Barium	NELAP	0.0007	0.0010		0.0577	mg/L	5	04/22/2025 4:41	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:29	237674
Boron	NELAP	0.0092	0.0250		1.61	mg/L	5	04/17/2025 18:29	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 18:29	237674
Chromium	NELAP	0.0007	0.0015	J	0.0010	mg/L	5	04/17/2025 18:29	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0004	mg/L	5	04/17/2025 18:29	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:29	237674
Lithium	*	0.0015	0.0030		0.0373	mg/L	5	04/17/2025 18:29	237674
Molybdenum	NELAP	0.0006	0.0015		0.0120	mg/L	5	04/17/2025 18:29	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 18:29	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 18:29	237674
<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	04/17/2025 16:09	237681

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-026
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-384
Collection Date: 04/15/2025 9:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.32	ft	1	04/15/2025 9:53	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.6	NTU	1	04/15/2025 9:53	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		71	mV	1	04/15/2025 9:53	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2940	µS/cm	1	04/15/2025 9:53	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.7	°C	1	04/15/2025 9:53	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.36	mg/L	1	04/15/2025 9:53	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.90		1	04/15/2025 9:53	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		583	mg/L	1	04/16/2025 11:02	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:02	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	1600	mg/L	1	04/25/2025 16:28	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		3.91	mg/L	10	04/16/2025 22:18	R363511
Chloride	NELAP	1.00	5.00		562	mg/L	10	04/16/2025 22:18	R363511
Sulfate	NELAP	0.99	10.0		30.4	mg/L	10	04/16/2025 22:18	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		16.6	mg/L	1	04/17/2025 14:33	237674
Magnesium	NELAP	0.0055	0.0500		6.46	mg/L	1	04/17/2025 14:33	237674
Potassium	NELAP	0.0400	0.100		2.51	mg/L	1	04/17/2025 14:33	237674
Sodium	NELAP	0.180	0.500		617	mg/L	10	04/21/2025 11:18	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Barium	NELAP	0.0007	0.0010		0.0532	mg/L	5	04/22/2025 4:47	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Boron	NELAP	0.0092	0.0250		1.49	mg/L	5	04/17/2025 19:01	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Chromium	NELAP	0.0007	0.0015		0.0022	mg/L	5	04/17/2025 19:01	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0003	mg/L	5	04/17/2025 19:01	237674
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Lithium	*	0.0015	0.0030		0.0428	mg/L	5	04/17/2025 19:01	237674
Molybdenum	NELAP	0.0006	0.0015		0.0114	mg/L	5	04/17/2025 19:01	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 19:01	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 19:01	237674
<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	04/17/2025 16:12	237681



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-027
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-25
Client Sample ID: MW-390
Collection Date: 04/15/2025 10:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.55	ft	1	04/15/2025 10:36	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.6	NTU	1	04/15/2025 10:36	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		36	mV	1	04/15/2025 10:36	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1470	µS/cm	1	04/15/2025 10:36	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	04/15/2025 10:36	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.24	mg/L	1	04/15/2025 10:36	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.96		1	04/15/2025 10:36	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		385	mg/L	1	04/16/2025 11:11	R363456
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/16/2025 11:11	R363456
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	H	746	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		0.63	mg/L	10	04/16/2025 22:29	R363511
Chloride	NELAP	1.00	5.00		76.5	mg/L	10	04/16/2025 22:29	R363511
Sulfate	NELAP	0.99	10.0		133	mg/L	10	04/16/2025 22:29	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		63.2	mg/L	1	04/17/2025 14:34	237674
Magnesium	NELAP	0.0055	0.0500		32.2	mg/L	1	04/17/2025 14:34	237674
Potassium	NELAP	0.0400	0.100		3.87	mg/L	1	04/17/2025 14:34	237674
Sodium	NELAP	0.0180	0.0500		200	mg/L	1	04/17/2025 14:34	237674
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 19:07	237674
Arsenic	NELAP	0.0004	0.0010		0.0016	mg/L	5	04/17/2025 19:07	237674
Barium	NELAP	0.0007	0.0010		0.0326	mg/L	5	04/22/2025 4:52	237674
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:07	237674
Boron	NELAP	0.0092	0.0250		1.03	mg/L	5	04/17/2025 19:07	237674
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 19:07	237674
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	04/17/2025 19:07	237674
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	04/17/2025 19:07	237674
Lead	NELAP	0.0006	0.0010		0.0012	mg/L	5	04/17/2025 19:07	237674
Lithium	*	0.0015	0.0030		0.0441	mg/L	5	04/17/2025 19:07	237674
Molybdenum	NELAP	0.0006	0.0015		0.0030	mg/L	5	04/17/2025 19:07	237674
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 19:07	237674
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 19:07	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 16:14	237681

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

Work Order: 25040001
 Report Date: 20-Jun-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) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	04/17/2025 10:44	R363538
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:44	R363538
STANDARD METHODS 2540 C (TOTAL) 2020									
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: 25040001-044
 Matrix: GROUNDWATER

Work Order: 25040001
 Report Date: 20-Jun-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
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.56	ft	1	04/14/2025 12:49	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.9	NTU	1	04/14/2025 12:49	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-43	mV	1	04/14/2025 12:49	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1860	µS/cm	1	04/14/2025 12:49	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.8	°C	1	04/14/2025 12:49	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.52	mg/L	1	04/14/2025 12:49	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		6.68		1	04/14/2025 12:49	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		454	mg/L	1	04/15/2025 10:58	R363376
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/15/2025 10:58	R363376
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	40	50		1160	mg/L	2.5	04/23/2025 9:12	R363873
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.07	mg/L	10	04/16/2025 9:40	R363511
Chloride	NELAP	1.00	5.00		19.6	mg/L	10	04/16/2025 9:40	R363511
Sulfate	NELAP	0.99	10.0		520	mg/L	10	04/16/2025 9:40	R363511
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		177	mg/L	1	04/16/2025 20:39	237609
Magnesium	NELAP	0.0055	0.0500		71.3	mg/L	1	04/16/2025 20:39	237609
Potassium	NELAP	0.0400	0.100		3.75	mg/L	1	04/16/2025 20:39	237609
Sodium	NELAP	0.0180	0.0500		96.4	mg/L	1	04/16/2025 20:39	237609
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/17/2025 2:54	237609
Arsenic	NELAP	0.0004	0.0010		0.0024	mg/L	5	04/17/2025 2:54	237609
Barium	NELAP	0.0007	0.0010		0.0519	mg/L	5	04/17/2025 2:54	237609
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 16:30	237609
Boron	NELAP	0.0110	0.0250		0.178	mg/L	5	04/17/2025 2:54	237609
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/17/2025 2:54	237609
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	04/17/2025 2:54	237609
Cobalt	NELAP	0.0001	0.0010	J	0.0002	mg/L	5	04/17/2025 2:54	237609
Lead	NELAP	0.0006	0.0010		0.0021	mg/L	5	04/17/2025 2:54	237609
Lithium	*	0.0015	0.0030		0.0157	mg/L	5	04/17/2025 2:54	237609
Molybdenum	NELAP	0.0006	0.0015		0.0041	mg/L	5	04/17/2025 2:54	237609
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/17/2025 2:54	237609
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/17/2025 2:54	237609
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/17/2025 11:27	237618



Laboratory Results

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

Client: Ramboll
Client Project: BAL-25Q2
Lab ID: 25040001-045
Matrix: GROUNDWATER

Work Order: 25040001
Report Date: 20-Jun-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
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		31.81	ft	1	04/16/2025 11:08	R363709
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.5	NTU	1	04/16/2025 11:08	R363709
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-122	mV	1	04/16/2025 11:08	R363709
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1650	µS/cm	1	04/16/2025 11:08	R363709
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/16/2025 11:08	R363709
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.48	mg/L	1	04/16/2025 11:08	R363709
SW-846 9040B FIELD									
pH	*	0	1.00		7.66		1	04/16/2025 11:08	R363709
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		578	mg/L	1	04/17/2025 10:47	R363538
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/17/2025 10:47	R363538
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33	H	975	mg/L	1.67	04/29/2025 12:10	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		2.16	mg/L	10	04/17/2025 18:50	R363495
Chloride	NELAP	1.00	5.00		90.0	mg/L	10	04/17/2025 18:50	R363495
Sulfate	NELAP	0.99	10.0		86.0	mg/L	10	04/17/2025 18:50	R363495
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		14.3	mg/L	1	04/21/2025 16:16	237714
Magnesium	NELAP	0.0055	0.0500		6.46	mg/L	1	04/21/2025 16:16	237714
Potassium	NELAP	0.0400	0.100		3.70	mg/L	1	04/21/2025 16:16	237714
Sodium	NELAP	0.0180	0.0500		358	mg/L	1	04/21/2025 16:16	237714
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	04/18/2025 2:03	237714
Arsenic	NELAP	0.0004	0.0010		0.0028	mg/L	5	04/18/2025 2:03	237714
Barium	NELAP	0.0007	0.0010		0.0263	mg/L	5	04/23/2025 4:21	237714
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:03	237714
Boron	NELAP	0.0092	0.0250		1.20	mg/L	5	04/18/2025 2:03	237714
Cadmium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	04/18/2025 2:03	237714
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	04/18/2025 2:03	237714
Cobalt	NELAP	0.0001	0.0010	J	0.0007	mg/L	5	04/18/2025 2:03	237714
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:03	237714
Lithium	*	0.0015	0.0030		0.0636	mg/L	5	04/18/2025 2:03	237714
Molybdenum	NELAP	0.0006	0.0015		0.0162	mg/L	5	04/18/2025 2:03	237714
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	04/18/2025 2:03	237714
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	04/18/2025 2:03	237714
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	04/21/2025 15:46	237759

Sample Summary

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

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25040001-003	MW-150	Groundwater	4	04/14/2025 11:44
25040001-004	MW-151	Groundwater	4	04/15/2025 13:34
25040001-005	MW-152	Groundwater	4	04/15/2025 12:44
25040001-006	MW-153	Groundwater	4	04/14/2025 12:21
25040001-011	MW-252	Groundwater	4	04/15/2025 12:11
25040001-012	MW-253R	Groundwater	4	04/14/2025 12:49
25040001-013	MW-304	Groundwater	5	04/14/2025 13:36
25040001-014	MW-350R	Groundwater	4	04/14/2025 10:50
25040001-015	MW-352	Groundwater	4	04/15/2025 11:40
25040001-018	MW-358R	Groundwater	2	04/15/2025 11:49
25040001-019	MW-366	Groundwater	2	04/15/2025 11:12
25040001-022	MW-375	Groundwater	2	04/16/2025 11:08
25040001-023	MW-377	Groundwater	2	04/16/2025 12:05
25040001-025	MW-383	Groundwater	2	04/15/2025 9:21
25040001-026	MW-384	Groundwater	2	04/15/2025 9:53
25040001-027	MW-390	Groundwater	2	04/15/2025 10:36
25040001-042	Field Blank	Aqueous	4	04/16/2025 12:50
25040001-044	MW-253R Duplicate	Groundwater	4	04/14/2025 12:49
25040001-045	MW-375 Duplicate	Groundwater	2	04/16/2025 11:08



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-25

STANDARD METHODS 2510 B FIELD

Batch R363709 SampType: LCS Units $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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 $\mu\text{S/cm}$

SampleID: 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: 20-Jun-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											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	04/14/2025	

Batch R363709		SampType: LCS		Units							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
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											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
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

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-25

STANDARD METHODS 2540 C (TOTAL) 2020
Batch R363873 **SampType: MBLK** Units **mg/L**

SampleID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	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

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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



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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

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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				Date Analyzed
SampID: 25041640-008ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20		834				830.0	0.48		
04/23/2025												

Batch R364026		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		

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				Date Analyzed
SampID: 25040659-005ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			25		695				640.0	8.24		
04/25/2025												



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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

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STANDARD METHODS 2540 C (TOTAL) 2020

Batch R364026		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed	
SampID: 25040659-021ADUP												
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				Date Analyzed
SampID: 25041343-001BDUP												
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				Date Analyzed
SampID: 25041572-001ADUP												
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				Date Analyzed
SampID: 25042101-001DDUP												
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					Date Analyzed	
SampID: 25042154-001ADUP												
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							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100		

Batch R364192		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Dissolved Solids		20		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	



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Work Order: 25040001

Client Project: BAL-25Q2

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

Batch R364192		SampType: DUP		Units mg/L				RPD Limit: 10				Date Analyzed
SampleID: 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												

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Batch R363297		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	04/14/2025	
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											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	106.4	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							
SampleID: 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	
SampleID: 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		



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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



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Client: Ramboll

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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

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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) 2019

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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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			
SampID: 25041383-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
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											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.509	0.5000	0	101.8	90	110	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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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							
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	04/16/2025	

Batch R363528		SampType: MBLK		Units mg/Kg							
SampID: MB-R363528											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		< 0.500	0.0090	0	0	-100	100	04/16/2025	

Batch R363528		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		0.505	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: 20-Jun-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R363528		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25041539-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
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											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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		Date Analyzed
SampID: 25041592-001AMSD														
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
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											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	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	

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-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		Date Analyzed
SampID: 25040001-012BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride		5.00		220	200.0	18.96	100.7	227.6	3.24		
Sulfate		10.0		705	200.0	498.4	103.2	710.4	0.79		

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	

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363511		SampType: MS		Units mg/L							
SampleID: 25041463-007CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
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		
SampleID: 25041463-007CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
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							
SampleID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
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							
SampleID: 25040001-004AMS											Date Analyzed
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			
SampleID: 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



Quality Control Results

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363495 SampType: MS Units mg/L

SampleID: 25040001-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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

RPD Limit: 15

SampleID: 25040001-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
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

SampleID: 25041640-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.7	10.00	0.6850	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

RPD Limit: 15

SampleID: 25041640-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.8	10.00	0.6850	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

SampleID: 25041643-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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: 20-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363495		SampType: MSD		Units mg/L				RPD Limit: 15		
SampleID: 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										
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	04/16/2025
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
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-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		
SampID: 25040001-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.3	10.00	0.2020	100.7	10.20	0.69	04/16/2025
Chloride			5.00		207	200.0	9.003	98.9	205.9	0.46	04/16/2025
Sulfate			10.0		455	200.0	257.0	99.3	454.2	0.28	04/16/2025

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		Date Analyzed	
SampID: 25040001-044AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Fluoride		0.50		10.4	10.00	0.06600	103.2	10.41	0.23			
Chloride		5.00		230	200.0	19.60	105.1	230.4	0.22			
Sulfate		10.0		718	200.0	519.6	99.4	723.5	0.70			

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

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: 20-Jun-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY
Batch R363511 **SampType:** MS **Units** mg/L

SampleID: 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

SampleID: 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

SampleID: MBLK-237609

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	04/24/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	04/16/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/16/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/24/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/24/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/16/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/16/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/24/2025

Batch 237609 **SampType:** LCS **Units** mg/L

SampleID: LCS-237609

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.45	5.000	0	109.0	85	115	04/24/2025
Calcium		0.100		4.56	5.000	0	91.3	85	115	04/16/2025
Magnesium		0.0500		5.19	5.000	0	103.9	85	115	04/24/2025
Magnesium		0.0500		4.33	5.000	0	86.6	85	115	04/16/2025
Potassium		0.100		4.68	5.000	0	93.6	85	115	04/16/2025
Potassium		0.100		5.51	5.000	0	110.1	85	115	04/24/2025
Sodium		0.0500		5.38	5.000	0	107.6	85	115	04/24/2025
Sodium		0.0500		4.60	5.000	0	91.9	85	115	04/16/2025

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-25

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

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
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
SampID: 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
SampID: 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
SampID: 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
 Client Project: BAL-25Q2

Work Order: 25040001
 Report Date: 20-Jun-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: 20-Jun-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**

RPD Limit: 20

SampID: 25040001-046BMSD

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: 20-Jun-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

Client: Ramboll
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-25

SW-846 3005A, 6010B, METALS BY ICP (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		
Calcium		0.100	S	55.0	5.000	48.49	130.0	75	125		
Magnesium		0.0500		25.7	5.000	20.34	106.4	75	125		
Potassium		1.00		17.3	5.000	11.80	110.8	75	125		
Sodium		0.0500	S	94.2	5.000	86.09	162.2	75	125		

Batch 237714		SampType: MSD		Units mg/L				RPD Limit: 20			Date Analyzed
SampID: 25040001-040BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Calcium		0.100		54.5	5.000	48.49	119.6	54.99	0.95		
Magnesium		0.0500		25.4	5.000	20.34	101.2	25.67	1.02		
Potassium		1.00		17.1	5.000	11.80	106.7	17.34	1.18		
Sodium		0.0500	S	93.1	5.000	86.09	140.2	94.20	1.17		

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

Batch 237586		SampType: MBLK		Units mg/L							
SampID: MBLK-237586											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	04/16/2025	

Batch 237586		SampType: LCS		Units mg/L							
SampID: LCS-237586											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		0.0250		0.800	1.000	0	80.0	80	120	04/16/2025	

Batch 237586		SampType: MS		Units mg/L							
SampID: 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			
SampID: 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: 20-Jun-25

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

Batch 237673 SampType: MBLK Units mg/L

SampleID: 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

SampleID: 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

SampleID: 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

SampleID: 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

SampleID: 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

SampleID: 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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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

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Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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

SampID: 25040001-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0250		3.85	4.000	0.2003	91.3	3.849	0.05	04/16/2025
Manganese		0.0020		1.02	1.000	0.07901	94.1	1.022	0.16	04/16/2025

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



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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
Client Project: BAL-25Q2

Work Order: 25040001
Report Date: 20-Jun-25

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

Batch 237674		SampType: MSD		Units mg/L				RPD Limit: 20		
SampleID: 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							Date Analyzed	
SampleID: MBLK-237690												
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	04/23/2025		
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		

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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



Quality Control Results

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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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: 20-Jun-25

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)
Batch 237691 **SampType: MBLK** Units mg/L

SampleID: 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

SampleID: 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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-25

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

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
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		
SampID: 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: 20-Jun-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

Client: Ramboll

Work Order: 25040001

Client Project: BAL-25Q2

Report Date: 20-Jun-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: 20-Jun-25

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

Batch 237714		SampType: MS		Units mg/L						
SampID: 25040001-040BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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											Date Analyzed		
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
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: 20-Jun-25

SW-846 7470A (TOTAL)

Batch 237615 SampType: LCS Units mg/L

SamplID: 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

SamplID: 25040001-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00461	0.0050	0	92.2	75	125	04/16/2025

Batch 237615 SampType: MSD Units mg/L

RPD Limit: 15

SamplID: 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

SamplID: 25041325-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00438	0.0050	0	87.6	75	125	04/16/2025

Batch 237615 SampType: MSD Units mg/L

RPD Limit: 15

SamplID: 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

SamplID: 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

SamplID: 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

SamplID: 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: 20-Jun-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											Date Analyzed
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	04/17/2025	

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

Batch 237681		SampType: MSD		Units mg/L				RPD Limit: 15			Date Analyzed
SampID: 25040001-009BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury		0.00020		0.00444	0.0050	0	88.7	0.004607	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			
SampID: 25040001-011CMSD											
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	0.004500	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: 20-Jun-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

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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: 20-Jun-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: 20-Jun-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

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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		
Address: 10901 Baldwin Road		Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name: Vistra Corp			
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	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

[illegible]

Added (102639) HNO_3 to MW-104SR,
MW-154, MW-253R, MW-355, &
MW-104SR Dup. Added H_2SO_4 (101237)
in error to MW-304. Split from
IL container + Added HNO_3 (102639) ✓
4/14

PH✓ 101358 ~4/14

UTGO

25040001

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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			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		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]

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			
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]

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: Justin Lee	DATE Signed (MM/DD/YY): 4-15-25				

Added HNO₃ (162639) MW252, MW356, MW358K, MW369, MW384, MW393, MW394, OW257, & PZ170 on ice 13.5, 16.5, 12.1, 12.5, 11.1, 5.5 #5
EK 4115175 PHV 101358

25040001

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Section C

Section C
Invoice Information:

Page: 2 of 4

Company: Vistra Corp-Baldwin		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 10901 Baldwin Road		Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Baldwin, IL 62217			Address: see Section A			
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]

25040001

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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

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

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 MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SL SOIL/SOLID OL OIL WP WIPE AR AIR OT 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 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		J. J. Carroll		4.16.25		1514		J. J. Carroll		4/16/25		1514		> z																		

* 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: <i>Tracy Carroll</i>					
DATE Signed (MM/DD/YY): 4/16/25					

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]

June 20, 2025

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: BAL-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: 20-Jun-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	40
Receiving Check List	42
Chain of Custody	Appended

Client: Ramboll**Work Order:** 25040002**Client Project:** BAL-25Q2**Report Date:** 20-Jun-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: 20-Jun-25

Qualifiers

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



Case Narrative

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

Client: Ramboll

Work Order: 25040002

Client Project: BAL-25Q2

Report Date: 20-Jun-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

This is the second revision for this WO last revised on June 20, 2025, per Chase Christenson's request. Results from the sample obtained from monitoring well MW-391R on April 16, 2025 are omitted, as it was determined from a resample attempt on June 17 and 18, 2025 that the methods for obtaining the initial April sample were not consistent with low-flow/low-stress sampling methods and were not representative of the aquifer conditions. Please replace report dated May 8, 2025 with this report. EAH 6/20/25

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:** 20-Jun-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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: 25040002-024
Matrix: GROUNDWATER

Work Order: 25040002
Report Date: 20-Jun-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: 20-Jun-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: 20-Jun-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

Client: Ramboll Client Project: BAL-25Q2 Lab ID: 25040002-027 Matrix: GROUNDWATER	Work Order: 25040002 Report Date: 20-Jun-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: 20-Jun-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: 20-Jun-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: 20-Jun-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

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

Work Order: 25040002
Report Date: 20-Jun-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: 20-Jun-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: 20-Jun-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

Client: Ramboll Client Project: BAL-25Q2 Lab ID: 25040002-034 Matrix: GROUNDWATER	Work Order: 25040002 Report Date: 20-Jun-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
Client Project: BAL-25Q2

Work Order: 25040002
Report Date: 20-Jun-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
25040002-024	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: 20-Jun-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

44

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 addition. - JD/amberdilallo - 4/16/2025 4:44:56 PM

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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			
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]

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
 ~ 4/19 PHV 10/358 4/19

25040002

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Page: 3 of 4

Invoice Information:

Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker				
Address: 10901 Baldwin Road		Copy To: Kim Edmiashton Kimberly.Edmiashton@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 WT WATER WWT P WASTE WATER WW P PRODUCT SOIL/SOLID SL OL WP AR OT TS 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	OW-157	WT	G				0									X										N/A									
2	OW-256	WT	G				2		2							X	X									25040002-027									
3	OW-257	WT	G				2		2							X	X									25040002-028									
4	PZ-170	WT	G				2		2							X	X									25040002-029									
5	PZ-182	WT	G				2		2							X	X									25040002-030									
6	TPZ-164	WT	G				0									X	X									N/A									
7	XPW01	WT	G				0									X	X									N/A									
8	XPW05	WT	G				0									X	X									N/A									
9	XPW06	WT	G				0									X	X									N/A									
10	Field Blank	WT	G				2		2							X	X	X	X							25040002-031									
11	MW-104SR Duplicate	WT	G	4-14-25	1236		0											X								N/A									
12	MW-253R Duplicate	WT	G	4-14-25	1249		2		2								X		X	X						25040002-032									
13	MW-375 Duplicate	WT	G				2		2								X		X							25040002-033									
14	OW-256 Duplicate	WT	G				2		2							X		X								25040002-034									
15	XPW06 Duplicate	WT	G				0									X		X								N/A									
16	Equipment Blank 1	WT	G				2		2							X	X	X	X	X						25040002-035									
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																					
BAL-25Q2 Rev 0		J. Gdp		4-14		1540		[Signature]		4/14		1540		> 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 Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-14-25				

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

[illegible]

25040002

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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 SOLID 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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 4	
Company: Vistra Corp-Baldwin		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location IL STATE:	
Address: 10901 Baldwin Road		Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com		Company Name: Vistra Corp			
Baldwin, IL 62217				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911	Fax:	Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information	valid matrix codes MATRIX DRINKING WATER DW WATER WT WASTE WATER WW P PRODUCT SL SOL/SOLID OL OIL WP WIPE AR AIR CT 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 Y/N	Requested Analysis Filtered (Y/N)												Ra226/228, only					
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-WPCP-605											Residual Chlorine (Y/N)	Project No. / Lab I.D.
1	MW-356		WT	G				2		2																							25040002-012	
2	MW-358R		WT	G				2		2																							25040002-013	
3	MW-366		WT	G				2		2																							25040002-014	
4	MW-369		WT	G				2		2																							25040002-015	
5	MW-370		WT	G				2		2																							25040002-016	
6	MW-375		WT	G	4.16.25	1108		2		2																							25040002-017	
7	MW-377		WT	G	4.16.25	1205		2		2																							25040002-018	
8	MW-382		WT	G				2		2																							25040002-019	
9	MW-383		WT	G				2		2																							25040002-020	
10	MW-384		WT	G				2		2																							25040002-021	
11	MW-390		WT	G				2		2																							25040002-022	
12	MW-391R *		WT	G	4.16.25	1033		2		2																							25040002-023	
13	MW-392		WT	G				2		2																							25040002-024	
14	MW-393		WT	G				2		2																							25040002-025	
15	MW-394		WT	G				2		2																							25040002-026	
16	OW-156		WT	G				0																									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.</																										

* 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 10358
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

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Page: 3 of 4

Invoice Information:

Company: Vistra Corp-Baldwin		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 10901 Baldwin Road		Copy To: Kim Edmiasion Kimberly.Edmiasion@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:				UST	RCRA	OTHER
Project Name:		Project Manager:		Site Location	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

[illegible]

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab, Inc

5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 6/20/2025 2:36:45 PM Revision 2

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
6/20/2025 2:36:45 PM
Revision 2

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 2

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 2) is being revised due to: The client has requested that Teklab WO# 25040002 be revised to omit MW-391R (25040002-023A). The reason for the revision is that the methods for obtaining the initial April sample were not consistent with low-flow/low-stress sampling methods and were not representative of the aquifer conditions. The email request is included with the revised report for documentation purposes.

5/21/2025: 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

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

(160-57799-12), 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-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

Cooler Temp:		Sampler:	Teklab	QC Level:	2
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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
----------	----------

Requested Due Date:	Standard TAT	Email:	ehurley@teklabinc.com
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.

PLEASE NOTE:

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25040002-001	4/14/25 1144	HNO3	Groundwater
	25040002-002	4/15/25 1332	HNO3	Groundwater
	25040002-003	4/15/25 1244	HNO3	Groundwater
	25040002-004	4/14/25 1221	HNO3	Groundwater
	25040002-005	4/15/25 1050	HNO3	Groundwater
	25040002-006	4/15/25 1410	HNO3	Groundwater
	25040002-007	4/15/25 1211	HNO3	Groundwater
	25040002-008	4/14/25 1249	HNO3	Groundwater
	25040002-009	4/14/25 1336	HNO3	Groundwater
	25040002-010	4/14/25 1054	HNO3	Groundwater
	25040002-011	4/15/25 1140	HNO3	Groundwater

Radium 226
Radium 228
Ra226/228

160-57799 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
Elizabeth A. Stanley	4/17/25	[Signature]	4-17-25 1140
[Signature]	4-17-25	My name	4-17-25 1240

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization. and proprietary rights, Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Standard TAT	Billing/PO:	38347	Phone:	(618) 344-1004 ext. 33
Requested Due Date:				

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
<i>Elizabeth A. Bradley</i>	<i>4/17/05 / 1140</i>	<i>[Signature]</i>	<i>4/17/05 / 1140</i>
<i>[Signature]</i>	<i>4/17/05 / 1234</i>	<i>Chapman</i>	<i>4/17/05 / 1240</i>

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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: [

Sampler: Teklab

QC Level: 2

Collinsville, IL 62234

Comments:

Comments:

Please Issue reports and invoices via email only

Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.

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

Contact:

Elizabeth Hurley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO: 38347

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.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25040002-023	4/16/25 1033	HNO3	Groundwater
	25040002-024	4/15/25 1050	HNO3	Groundwater
	25040002-025	4/15/25 1009	HNO3	Groundwater
	25040002-026	4/15/25 0939	HNO3	Groundwater
	25040002-027	4/15/25 1031	HNO3	Groundwater
	25040002-028	4/15/25 1302	HNO3	Groundwater
	25040002-029	4/15/25 1340	HNO3	Groundwater
	25040002-030	4/16/25 1006	HNO3	Groundwater
	25040002-031	4/16/25 1250	HNO3	Aqueous
	25040002-032	4/14/25 1249	HNO3	Groundwater
	25040002-033	4/16/25 1108	HNO3	Groundwater

PLEASE NOTE:

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

*Relinquished By	Date/Time	Received By	Date/Time
Stephen L. B. H. H. H.	4/17/05 / 1140	John D.	4-17-05 / 1140
John D.	4-17-05 / 1240	Chapman	4/17/05 1240

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

Email:

Billing/P.O.: 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 & Tracy	4-17-25 / 1140	John D.	4-17-25 / 1140
John D.	4-17-25 / 1240	Chapman	4-17-25 / 1240

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Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Thursday, June 19, 2025 12:03 PM
To: Erika Smith
Subject: RE: Eurofins TestAmerica revised 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.

Good afternoon, Erika,

Our client has requested that Teklab WO# 25040002 be revised to omit MW-391R (25040002-023A). The reason for the revision is that the methods for obtaining the initial April sample were not consistent with low-flow/low-stress sampling methods and were not representative of the aquifer conditions.

Please provide a revised report and EDDs at your earliest convenience.

Thanks,

Elizabeth Hurley
Director of Customer Service



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

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From: Erika Smith <TALS@reports.et.eurofinsus.com>
Sent: Wednesday, May 21, 2025 10:36 AM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica revised EDD and report files from 160-57799-1 Radium-226 and Radium-228

Good morning Elizabeth,

Attached please find the revised 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: [160-333087]
Attachments: 4

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

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

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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.

This email including its attachments may contain confidential and proprietary information. Any unauthorized disclosure or use of this email including its attachments is prohibited and may be prosecuted. If you are not the intended recipient, please inform the sender by an email reply and delete the message. Transmission by email is not secure and can result in errors or omissions in the content of the message. Despite state-of-the-art precautions we cannot guarantee that emails and attachments are free from viruses. We accept no liability for viruses or any transmission-related errors and omissions. You need to always virus check any emails and attachments. Eurofins companies are independent legal entities that are bound only by acts of members of their respective management bodies. No other persons, legal or natural, have representation power unless specifically authorized by proxy or other legal means.

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
160-57799-24	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

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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: 25040002-007

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

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: 25040002-011

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

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: 25040002-013

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: 25040002-024

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

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

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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: 25040002-026

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

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

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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: 25040002-028

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

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

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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: 25040002-030

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

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

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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: 25040002-032

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

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

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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: 25040002-034

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

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

Carrier	MB %Yield	MB 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

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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: 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	
160-57799-24	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	
160-57799-24	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			
160-57799-24	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

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
		Ba		Y	
Lab Sample ID	Client Sample ID	(30-110)	(30-110)		
160-57799-1	25040002-001	91.0	78.9		

Eurofins St. Louis

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) (Continued)

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 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
160-57799-24	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: _____

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): $10.32 \text{ ft.} \times 0.022 = 0.23 \text{ L} \times 3 \text{ Vol.} = 0.69 \text{ L}$ **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
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
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: MW-155
Sample ID: 008
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		Well		X
Reference Mark/Identification	Yes				

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: 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-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 **Monitoring Point:** MW-253R
Project Location: Baldwin, IL **Sample ID:** 012
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-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 Well	X	
Protective Casing	Good				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: _____

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 ft. x 0.022 = 1.11 L x 3 Vol. = 3.33 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: Justin Colp Affiliation: TekLab, Inc.
 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	Good		Locks	Yes	No
Casing	Good		Protective Casing Well	X	
Protective Casing	Good				
Reference Mark/Identification	Yes				X

Groundwater Level Measurements

Date/Time Measured: 4/15/2025 9:39 Static Water Level: 16.32 feet below TOC
 Total Depth: 68.50 feet below TOC
 Water Column: 52.18 feet

Purging Activities

Purged By: JC Purge Date: 4/15/2025
 Purge Method: Bladder Pump Well Diameter: 2"
 Purge Volume Calculation (L): $52.18 \text{ ft.} \times 0.022 = 1.15 \text{ L} \times 3 \text{ Vol.} = 3.45 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 3.00 L
 Physical appearance of purge water: 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
 Project Location: Baldwin, IL
 W.O. Number (s): 25040001

Monitoring Point: MW-390
 Sample ID: 027
 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: 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-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:

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-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
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

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:

Brett Gillihan

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:

Brett Gillihan

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: _____

Date: 4/16/2025



Field Data Sheet

Project Name: BAL-25Q2
Project Location: Baldwin, IL
W.O. Number (s): 25040001

Monitoring Point: XPW06
Sample ID: 041
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

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
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 Number 22C103121
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.

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 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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Field Data Sheet

Project Name: BAL-25Q2R
Project Location: Baldwin, IL
W.O. Number (s): 25060615

Monitoring Point: MW-391R
Sample ID: 001
Date (s): 6/17/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 77 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 6/17/2025 10:16

Static Water Level: 70.51 feet below TOC
Total Depth: 74.21 feet below TOC
Water Column: 3.70 feet

Purging Activities

Purged By: PY Purge Date: 6/17/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 3.7 ft. x 0.606 = 2.2 L x 3 Vol. = 6.7 L **Based on 3-Well Volumes*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Gray

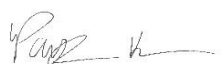
Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

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)

- Soft bottom, difficult to get accurate TD measurement
- Attempted well purge/development on 6/17; purged 2.0L of water/sludge
- Remeasured on 6/18: DTW=71.40', TD=72.19'
- No sample collected on 6/18

Form Completed By: 

Date: 6/18/2025



**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-150	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.00230
MW-150	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.00578
MW-150	PMP	E009	Barium, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.0146	0.261
MW-150	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.001
MW-150	PMP	E009	Boron, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	3.44	2.23
MW-150	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.001	0.001
MW-150	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	49.2	1,370
MW-150	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/14/25	10	80	CI around median	0.0015	0.0125
MW-150	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/14/25	10	90	Most recent sample	0.001	0.00220
MW-150	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.66	3.36
MW-150	PMP	E009	Lead, total	mg/L	03/15/23 - 04/14/25	10	90	CI around median	0.001	0.00220
MW-150	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	0.0492	0.123
MW-150	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.0002	0.0002
MW-150	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/14/25	10	50	CI around median	0.0015	0.0782
MW-150	PMP	E009	pH (field)	SU	03/22/16 - 04/14/25	38	0	CB around T-S line	6.9/7.0	7.3/8.4
MW-150	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/14/25	10	0	CI around mean	0.04	4.14
MW-150	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/14/25	10	60	CI around median	0.001	0.00320
MW-150	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/14/25	10	0	CI around mean	850	228
MW-150	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/14/25	10	100	All ND - Last	0.002	0.002
MW-150	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/14/25	38	0	CB around linear reg	1,680	3,260
MW-151	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.00230
MW-151	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	11	64	CI around median	0.001	0.00578
MW-151	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around median	0.055	0.261
MW-151	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.001
MW-151	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	0.578	2.23
MW-151	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.001
MW-151	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	37	1,370

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-151	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	11	18	CI around geomean	0.00177	0.0125
MW-151	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	11	27	CI around geomean	0.000838	0.00220
MW-151	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	11	9	CI around median	0.49	3.36
MW-151	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	11	46	CI around geomean	0.000979	0.00220
MW-151	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	0.0256	0.123
MW-151	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0002	0.0002
MW-151	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0015	0.0782
MW-151	PMP	E009	pH (field)	SU	03/16/17 - 04/15/25	35	0	CI around mean	6.9/7.0	7.3/8.4
MW-151	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	11	0	CI around mean	0.126	4.14
MW-151	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.00320
MW-151	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	79.5	228
MW-151	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.002	0.002
MW-151	PMP	E009	Total Dissolved Solids	mg/L	03/16/17 - 04/15/25	35	0	CB around T-S line	556	3,260
MW-152	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.00230
MW-152	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	10	40	CI around median	0.001	0.00578
MW-152	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.0168	0.261
MW-152	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
MW-152	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	10	0	CI around median	0.477	2.23
MW-152	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
MW-152	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	10	0	CI around geomean	9.14	1,370
MW-152	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00168	0.0125
MW-152	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.000977	0.00220
MW-152	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	10	30	CI around mean	0.254	3.36
MW-152	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00115	0.00220
MW-152	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	10	10	CI around mean	0.00872	0.123
MW-152	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0002	0.0002
MW-152	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0015	0.0782

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-152	PMP	E009	pH (field)	SU	03/22/16 - 04/15/25	38	0	CI around median	6.7/6.9	7.3/8.4
MW-152	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	10	0	CI around mean	0.387	4.14
MW-152	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.00320
MW-152	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	307	228
MW-152	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.002	0.002
MW-152	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	38	0	CB around linear reg	549	3,260
MW-153	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.001	0.00230
MW-153	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/14/25	11	82	CI around median	0.001	0.00578
MW-153	PMP	E009	Barium, total	mg/L	03/15/23 - 04/14/25	11	0	CI around geomean	0.035	0.261
MW-153	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/14/25	11	82	CI around median	0.0006	0.001
MW-153	PMP	E009	Boron, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.02	2.23
MW-153	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.001	0.001
MW-153	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	15.8	1,370
MW-153	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.0015	0.0125
MW-153	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/14/25	11	73	CI around median	0.001	0.00220
MW-153	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/14/25	11	27	CI around mean	0.38	3.36
MW-153	PMP	E009	Lead, total	mg/L	03/15/23 - 04/14/25	11	54	CI around median	0.001	0.00220
MW-153	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/14/25	11	9	CB around linear reg	0.00389	0.123
MW-153	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.0002	0.0002
MW-153	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/14/25	11	91	CI around median	0.0015	0.0782
MW-153	PMP	E009	pH (field)	SU	03/22/16 - 04/14/25	39	0	CB around T-S line	6.7/7.0	7.3/8.4
MW-153	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/14/25	11	0	CI around geomean	0.498	4.14
MW-153	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	0.00224	0.00320
MW-153	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/14/25	11	0	CI around mean	60.2	228
MW-153	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/14/25	11	100	All ND - Last	0.002	0.002
MW-153	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/14/25	39	0	CI around median	370	3,260
MW-252	PMP	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	10	40	CI around mean	0.00096	0.00230

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-252	PMP	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	10	70	CI around median	0.001	0.00578
MW-252	PMP	E009	Barium, total	mg/L	03/15/23 - 04/15/25	10	0	CB around linear reg	0.0126	0.261
MW-252	PMP	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
MW-252	PMP	E009	Boron, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.15	2.23
MW-252	PMP	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.001
MW-252	PMP	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	10	0	CB around linear reg	35	1,370
MW-252	PMP	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	10	60	CI around median	0.0015	0.0125
MW-252	PMP	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	10	10	CI around mean	0.00113	0.00220
MW-252	PMP	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	10	30	CB around linear reg	0.31	3.36
MW-252	PMP	E009	Lead, total	mg/L	03/15/23 - 04/15/25	10	80	CI around median	0.001	0.00220
MW-252	PMP	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	0.0133	0.123
MW-252	PMP	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.0002	0.0002
MW-252	PMP	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	10	90	CI around median	0.0015	0.0782
MW-252	PMP	E009	pH (field)	SU	03/22/16 - 04/15/25	38	0	CI around median	6.8/6.9	7.3/8.4
MW-252	PMP	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	10	0	CI around median	0.034	4.14
MW-252	PMP	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.001	0.00320
MW-252	PMP	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	10	0	CI around mean	452	228
MW-252	PMP	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	10	100	All ND - Last	0.002	0.002
MW-252	PMP	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	38	0	CB around linear reg	1,130	3,260
MW-253R	PMP	E009	Antimony, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.00230
MW-253R	PMP	E009	Arsenic, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	-0.00153	0.00578
MW-253R	PMP	E009	Barium, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.0323	0.261
MW-253R	PMP	E009	Beryllium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.001
MW-253R	PMP	E009	Boron, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.172	2.23
MW-253R	PMP	E009	Cadmium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.001
MW-253R	PMP	E009	Chloride, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	17.2	1,370
MW-253R	PMP	E009	Chromium, total	mg/L	07/18/24 - 04/14/25	5	40	CI around geomean	0.00061	0.0125

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-253R	PMP	E009	Cobalt, total	mg/L	07/18/24 - 04/14/25	5	40	CI around geomean	0.000538	0.00220
MW-253R	PMP	E009	Fluoride, total	mg/L	07/18/24 - 04/14/25	5	80	CI around median (Last Sample, n<7)	0.5	3.36
MW-253R	PMP	E009	Lead, total	mg/L	07/18/24 - 04/14/25	5	20	CI around mean	0.000774	0.00220
MW-253R	PMP	E009	Lithium, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	0.0138	0.123
MW-253R	PMP	E009	Mercury, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.0002	0.0002
MW-253R	PMP	E009	Molybdenum, total	mg/L	07/18/24 - 04/14/25	5	20	CI around mean	0.00178	0.0782
MW-253R	PMP	E009	pH (field)	SU	07/18/24 - 04/14/25	5	0	CI around mean	6.4/7.1	7.3/8.4
MW-253R	PMP	E009	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 04/14/25	5	0	CI around mean	0.405	4.14
MW-253R	PMP	E009	Selenium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.001	0.00320
MW-253R	PMP	E009	Sulfate, total	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	431	228
MW-253R	PMP	E009	Thallium, total	mg/L	07/18/24 - 04/14/25	5	100	All ND - Last	0.002	0.002
MW-253R	PMP	E009	Total Dissolved Solids	mg/L	07/18/24 - 04/14/25	5	0	CI around mean	1,010	3,260
MW-350R	UA	E009	Antimony, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.00230
MW-350R	UA	E009	Arsenic, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.000529	0.00578
MW-350R	UA	E009	Barium, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.0983	0.261
MW-350R	UA	E009	Beryllium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.001
MW-350R	UA	E009	Boron, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.908	2.23
MW-350R	UA	E009	Cadmium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.001
MW-350R	UA	E009	Chloride, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	9.98	1,370
MW-350R	UA	E009	Chromium, total	mg/L	07/18/24 - 04/14/25	4	50	CI around median (Last Sample, n<7)	0.0015	0.0125
MW-350R	UA	E009	Cobalt, total	mg/L	07/18/24 - 04/14/25	4	75	Most recent sample	0.001	0.00220
MW-350R	UA	E009	Fluoride, total	mg/L	07/18/24 - 04/14/25	4	25	CI around mean	0.388	3.36
MW-350R	UA	E009	Lead, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.00220
MW-350R	UA	E009	Lithium, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	0.0326	0.123
MW-350R	UA	E009	Mercury, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.0002	0.0002
MW-350R	UA	E009	Molybdenum, total	mg/L	07/18/24 - 04/14/25	4	25	CI around mean	-0.00535	0.0782
MW-350R	UA	E009	pH (field)	SU	07/18/24 - 04/14/25	4	0	CI around mean	7.1/7.9	7.3/8.4

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-350R	UA	E009	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 04/14/25	4	0	CI around mean	0.162	4.14
MW-350R	UA	E009	Selenium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.001	0.00320
MW-350R	UA	E009	Sulfate, total	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	-43.1	228
MW-350R	UA	E009	Thallium, total	mg/L	07/18/24 - 04/14/25	4	100	All ND - Last	0.002	0.002
MW-350R	UA	E009	Total Dissolved Solids	mg/L	07/18/24 - 04/14/25	4	0	CI around mean	395	3,260
MW-352	UA	E009	Antimony, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.001	0.00230
MW-352	UA	E009	Arsenic, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.00578
MW-352	UA	E009	Barium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around median	0.0839	0.261
MW-352	UA	E009	Beryllium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.001
MW-352	UA	E009	Boron, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	1.92	2.23
MW-352	UA	E009	Cadmium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.001
MW-352	UA	E009	Chloride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	541	1,370
MW-352	UA	E009	Chromium, total	mg/L	03/15/23 - 04/15/25	11	82	CI around median	0.0015	0.0125
MW-352	UA	E009	Cobalt, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.00220
MW-352	UA	E009	Fluoride, total	mg/L	03/15/23 - 04/15/25	11	0	CI around mean	1.25	3.36
MW-352	UA	E009	Lead, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	0.001	0.00220
MW-352	UA	E009	Lithium, total	mg/L	03/15/23 - 04/15/25	11	0	CI around geomean	0.0877	0.123
MW-352	UA	E009	Mercury, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.0002	0.0002
MW-352	UA	E009	Molybdenum, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	0.0015	0.0782
MW-352	UA	E009	pH (field)	SU	03/22/16 - 04/15/25	39	0	CB around T-S line	7.3/7.4	7.3/8.4
MW-352	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 04/15/25	11	0	CI around mean	0.7	4.14
MW-352	UA	E009	Selenium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.001	0.00320
MW-352	UA	E009	Sulfate, total	mg/L	03/15/23 - 04/15/25	11	91	CI around median	10	228
MW-352	UA	E009	Thallium, total	mg/L	03/15/23 - 04/15/25	11	100	All ND - Last	0.002	0.002
MW-352	UA	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	39	0	CI around mean	1,130	3,260
MW-366	UA	E009	Antimony, total	mg/L	01/20/16 - 04/15/25	28	96	CI around median	0.001	0.00230
MW-366	UA	E009	Arsenic, total	mg/L	01/20/16 - 04/15/25	28	93	CI around median	0.001	0.00578

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-366	UA	E009	Barium, total	mg/L	01/20/16 - 04/15/25	28	0	CB around linear reg	0.0211	0.261
MW-366	UA	E009	Beryllium, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-366	UA	E009	Boron, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	2.23	2.23
MW-366	UA	E009	Cadmium, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-366	UA	E009	Chloride, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	52.4	1,370
MW-366	UA	E009	Chromium, total	mg/L	01/20/16 - 04/15/25	28	93	CB around T-S line	0.0015	0.0125
MW-366	UA	E009	Cobalt, total	mg/L	01/20/16 - 04/15/25	26	73	CI around median	0.001	0.00220
MW-366	UA	E009	Fluoride, total	mg/L	01/20/16 - 04/15/25	29	10	CB around linear reg	0.096	3.36
MW-366	UA	E009	Lead, total	mg/L	01/20/16 - 04/15/25	25	96	CI around median	0.001	0.00220
MW-366	UA	E009	Lithium, total	mg/L	01/20/16 - 04/15/25	28	4	CB around linear reg	0.00321	0.123
MW-366	UA	E009	Mercury, total	mg/L	01/20/16 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-366	UA	E009	Molybdenum, total	mg/L	01/20/16 - 04/15/25	28	4	CI around mean	0.00287	0.0782
MW-366	UA	E009	pH (field)	SU	01/20/16 - 04/15/25	29	0	CB around linear reg	6.5/6.8	7.3/8.4
MW-366	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/15/25	28	0	CI around geomean	0.403	4.14
MW-366	UA	E009	Selenium, total	mg/L	01/20/16 - 04/15/25	28	96	CI around median	0.001	0.00320
MW-366	UA	E009	Sulfate, total	mg/L	01/20/16 - 04/15/25	29	0	CB around linear reg	704	228
MW-366	UA	E009	Thallium, total	mg/L	01/20/16 - 04/15/25	25	100	All ND - Last	0.002	0.002
MW-366	UA	E009	Total Dissolved Solids	mg/L	01/20/16 - 04/15/25	28	0	CB around linear reg	1,450	3,260
MW-375	UA	E009	Antimony, total	mg/L	01/20/16 - 04/16/25	28	39	CB around T-S line	0.000446	0.00230
MW-375	UA	E009	Arsenic, total	mg/L	01/20/16 - 04/16/25	28	4	CI around median	0.0014	0.00578
MW-375	UA	E009	Barium, total	mg/L	01/20/16 - 04/16/25	28	0	CI around mean	0.0245	0.261
MW-375	UA	E009	Beryllium, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.001	0.001
MW-375	UA	E009	Boron, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	1.31	2.23
MW-375	UA	E009	Cadmium, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.001	0.001
MW-375	UA	E009	Chloride, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	92.3	1,370
MW-375	UA	E009	Chromium, total	mg/L	01/20/16 - 04/16/25	28	96	CB around T-S line	0.0015	0.0125
MW-375	UA	E009	Cobalt, total	mg/L	01/20/16 - 04/16/25	26	96	Most recent sample	0.001	0.00220

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-375	UA	E009	Fluoride, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	2.24	3.36
MW-375	UA	E009	Lead, total	mg/L	01/20/16 - 04/16/25	25	96	CI around median	0.001	0.00220
MW-375	UA	E009	Lithium, total	mg/L	01/20/16 - 04/16/25	28	0	CB around linear reg	0.0708	0.123
MW-375	UA	E009	Mercury, total	mg/L	01/20/16 - 04/16/25	23	100	All ND - Last	0.0002	0.0002
MW-375	UA	E009	Molybdenum, total	mg/L	01/20/16 - 04/16/25	28	0	CI around mean	0.0238	0.0782
MW-375	UA	E009	pH (field)	SU	01/20/16 - 04/16/25	29	0	CB around T-S line	7.6/7.7	7.3/8.4
MW-375	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 04/16/25	28	0	CI around median	0.28	4.14
MW-375	UA	E009	Selenium, total	mg/L	01/20/16 - 04/16/25	28	93	CI around median	0.001	0.00320
MW-375	UA	E009	Sulfate, total	mg/L	01/20/16 - 04/16/25	29	0	CI around mean	110	228
MW-375	UA	E009	Thallium, total	mg/L	01/20/16 - 04/16/25	25	100	All ND - Last	0.002	0.002
MW-375	UA	E009	Total Dissolved Solids	mg/L	01/20/16 - 04/16/25	29	0	CI around median	916	3,260
MW-377	UA	E009	Antimony, total	mg/L	01/19/16 - 04/16/25	28	96	Most recent sample	0.001	0.00230
MW-377	UA	E009	Arsenic, total	mg/L	01/19/16 - 04/16/25	28	82	CI around median	0.001	0.00578
MW-377	UA	E009	Barium, total	mg/L	01/19/16 - 04/16/25	28	0	CI around mean	0.0603	0.261
MW-377	UA	E009	Beryllium, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.001	0.001
MW-377	UA	E009	Boron, total	mg/L	01/19/16 - 04/16/25	29	0	CI around mean	1.67	2.23
MW-377	UA	E009	Cadmium, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.001	0.001
MW-377	UA	E009	Chloride, total	mg/L	01/19/16 - 04/16/25	29	0	CB around linear reg	94.4	1,370
MW-377	UA	E009	Chromium, total	mg/L	01/19/16 - 04/16/25	28	93	CB around T-S line	0.0015	0.0125
MW-377	UA	E009	Cobalt, total	mg/L	01/19/16 - 04/16/25	26	92	CI around median	0.001	0.00220
MW-377	UA	E009	Fluoride, total	mg/L	01/19/16 - 04/16/25	29	0	CB around linear reg	1.16	3.36
MW-377	UA	E009	Lead, total	mg/L	01/19/16 - 04/16/25	25	96	CI around median	0.001	0.00220
MW-377	UA	E009	Lithium, total	mg/L	01/19/16 - 04/16/25	28	0	CB around linear reg	0.0593	0.123
MW-377	UA	E009	Mercury, total	mg/L	01/19/16 - 04/16/25	23	100	All ND - Last	0.0002	0.0002
MW-377	UA	E009	Molybdenum, total	mg/L	01/19/16 - 04/16/25	28	71	CB around T-S line	0.00086	0.0782
MW-377	UA	E009	pH (field)	SU	01/19/16 - 04/16/25	29	0	CI around median	7.1/7.2	7.3/8.4
MW-377	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 04/16/25	28	0	CI around mean	0.439	4.14

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-377	UA	E009	Selenium, total	mg/L	01/19/16 - 04/16/25	28	100	All ND - Last	0.001	0.00320
MW-377	UA	E009	Sulfate, total	mg/L	01/19/16 - 04/16/25	29	0	CB around T-S line	33.8	228
MW-377	UA	E009	Thallium, total	mg/L	01/19/16 - 04/16/25	25	100	All ND - Last	0.002	0.002
MW-377	UA	E009	Total Dissolved Solids	mg/L	01/19/16 - 04/16/25	29	0	CI around mean	605	3,260
MW-383	UA	E009	Antimony, total	mg/L	01/21/16 - 04/15/25	28	89	CB around T-S line	0.001	0.00230
MW-383	UA	E009	Arsenic, total	mg/L	01/21/16 - 04/15/25	28	82	CI around median	0.001	0.00578
MW-383	UA	E009	Barium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around T-S line	0.0464	0.261
MW-383	UA	E009	Beryllium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-383	UA	E009	Boron, total	mg/L	01/21/16 - 04/15/25	29	0	CI around median	1.35	2.23
MW-383	UA	E009	Cadmium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-383	UA	E009	Chloride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	41.9	1,370
MW-383	UA	E009	Chromium, total	mg/L	01/21/16 - 04/15/25	28	89	CB around T-S line	0.0015	0.0125
MW-383	UA	E009	Cobalt, total	mg/L	01/21/16 - 04/15/25	26	96	Most recent sample	0.001	0.00220
MW-383	UA	E009	Fluoride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	0.638	3.36
MW-383	UA	E009	Lead, total	mg/L	01/21/16 - 04/15/25	25	96	CI around median	0.001	0.00220
MW-383	UA	E009	Lithium, total	mg/L	01/21/16 - 04/15/25	28	0	CI around median	0.0354	0.123
MW-383	UA	E009	Mercury, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-383	UA	E009	Molybdenum, total	mg/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.0103	0.0782
MW-383	UA	E009	pH (field)	SU	01/21/16 - 04/15/25	29	0	CB around linear reg	7.4/7.6	7.3/8.4
MW-383	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.245	4.14
MW-383	UA	E009	Selenium, total	mg/L	01/21/16 - 04/15/25	28	96	CI around median	0.001	0.00320
MW-383	UA	E009	Sulfate, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	148	228
MW-383	UA	E009	Thallium, total	mg/L	01/21/16 - 04/15/25	25	100	All ND - Last	0.002	0.002
MW-383	UA	E009	Total Dissolved Solids	mg/L	01/21/16 - 04/15/25	29	0	CI around mean	884	3,260
MW-384	UA	E009	Antimony, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.00230
MW-384	UA	E009	Arsenic, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.00578
MW-384	UA	E009	Barium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around T-S line	0.0368	0.261

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-384	UA	E009	Beryllium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-384	UA	E009	Boron, total	mg/L	01/21/16 - 04/15/25	29	0	CI around median	1.44	2.23
MW-384	UA	E009	Cadmium, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-384	UA	E009	Chloride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around T-S line	476	1,370
MW-384	UA	E009	Chromium, total	mg/L	01/21/16 - 04/15/25	28	79	CB around T-S line	0.0015	0.0125
MW-384	UA	E009	Cobalt, total	mg/L	01/21/16 - 04/15/25	26	92	Most recent sample	0.001	0.00220
MW-384	UA	E009	Fluoride, total	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	4.13	3.36
MW-384	UA	E009	Lead, total	mg/L	01/21/16 - 04/15/25	25	96	CI around median	0.001	0.00220
MW-384	UA	E009	Lithium, total	mg/L	01/21/16 - 04/15/25	28	0	CB around linear reg	0.0429	0.123
MW-384	UA	E009	Mercury, total	mg/L	01/21/16 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-384	UA	E009	Molybdenum, total	mg/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.0156	0.0782
MW-384	UA	E009	pH (field)	SU	01/21/16 - 04/15/25	29	0	CI around median	7.8/8.0	7.3/8.4
MW-384	UA	E009	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 04/15/25	28	0	CI around geomean	0.325	4.14
MW-384	UA	E009	Selenium, total	mg/L	01/21/16 - 04/15/25	28	100	All ND - Last	0.001	0.00320
MW-384	UA	E009	Sulfate, total	mg/L	01/21/16 - 04/15/25	29	3	CB around linear reg	-10.8	228
MW-384	UA	E009	Thallium, total	mg/L	01/21/16 - 04/15/25	25	100	All ND - Last	0.002	0.002
MW-384	UA	E009	Total Dissolved Solids	mg/L	01/21/16 - 04/15/25	29	0	CB around linear reg	1,540	3,260
MW-390	UA	E009	Antimony, total	mg/L	03/22/16 - 04/15/25	28	96	CI around median	0.001	0.00230
MW-390	UA	E009	Arsenic, total	mg/L	03/22/16 - 04/15/25	28	14	CI around median	0.0013	0.00578
MW-390	UA	E009	Barium, total	mg/L	03/22/16 - 04/15/25	28	0	CI around mean	0.047	0.261
MW-390	UA	E009	Beryllium, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-390	UA	E009	Boron, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	0.387	2.23
MW-390	UA	E009	Cadmium, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.001	0.001
MW-390	UA	E009	Chloride, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	64.9	1,370
MW-390	UA	E009	Chromium, total	mg/L	03/22/16 - 04/15/25	28	93	CB around T-S line	0.0015	0.0125
MW-390	UA	E009	Cobalt, total	mg/L	03/22/16 - 04/15/25	26	65	CI around median	0.001	0.00220
MW-390	UA	E009	Fluoride, total	mg/L	03/22/16 - 04/15/25	29	0	CI around median	0.64	3.36

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COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-390	UA	E009	Lead, total	mg/L	03/22/16 - 04/15/25	25	88	CI around median	0.001	0.00220
MW-390	UA	E009	Lithium, total	mg/L	03/22/16 - 04/15/25	28	4	CI around mean	0.0218	0.123
MW-390	UA	E009	Mercury, total	mg/L	03/22/16 - 04/15/25	23	100	All ND - Last	0.0002	0.0002
MW-390	UA	E009	Molybdenum, total	mg/L	03/22/16 - 04/15/25	28	4	CI around median	0.0029	0.0782
MW-390	UA	E009	pH (field)	SU	03/22/16 - 04/15/25	29	0	CB around linear reg	6.9/7.2	7.3/8.4
MW-390	UA	E009	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 04/15/25	28	0	CI around geomean	0.562	4.14
MW-390	UA	E009	Selenium, total	mg/L	03/22/16 - 04/15/25	28	93	CI around median	0.001	0.00320
MW-390	UA	E009	Sulfate, total	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	138	228
MW-390	UA	E009	Thallium, total	mg/L	03/22/16 - 04/15/25	25	100	All ND - Last	0.002	0.002
MW-390	UA	E009	Total Dissolved Solids	mg/L	03/22/16 - 04/15/25	29	0	CI around geomean	695	3,260
MW-391R	UA	E009	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.00230
MW-391R	UA	E009	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00578
MW-391R	UA	E009	Barium, total	mg/L	--	--	--	--	NS ⁷	0.261
MW-391R	UA	E009	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-391R	UA	E009	Boron, total	mg/L	--	--	--	--	NS ⁷	2.23
MW-391R	UA	E009	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-391R	UA	E009	Chloride, total	mg/L	--	--	--	--	NS ⁷	1,370
MW-391R	UA	E009	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.0125
MW-391R	UA	E009	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00220
MW-391R	UA	E009	Fluoride, total	mg/L	--	--	--	--	NS ⁷	3.36
MW-391R	UA	E009	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00220
MW-391R	UA	E009	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.123
MW-391R	UA	E009	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-391R	UA	E009	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.0782
MW-391R	UA	E009	pH (field)	SU	--	--	--	--	NS ⁷	7.3/8.4
MW-391R	UA	E009	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	4.14
MW-391R	UA	E009	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00320

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-391R	UA	E009	Sulfate, total	mg/L	--	--	--	--	NS ⁷	228
MW-391R	UA	E009	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-391R	UA	E009	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	3,260

Notes:
-- = no data available
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value
Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the Fly Ash Pond System. The proposed groundwater monitoring program was revised on August 25, 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
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
CI around median (Last Sample, n<7) = Data characterization in accordance with the Statistical Analysis Plan indicated that a confidence interval around the median was the most appropriate statistic. However, fewer than seven samples (the minimum required to calculate a CI around the median) were available. Due to insufficient sample size, the result for the most recently collected sample was used.
Most recent sample = Result for the most recently collected sample used due to insufficient data
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits of the background determination