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

May 3, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#15
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.) Section (§) 845.610(b)(3)(D), Dynegy Midwest Generation, LLC is submitting groundwater monitoring data for the Quarter 1, 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 exceedances[1] of the GWPS.

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

A Corrective Measures Assessment (CMA) for the FAPS was initiated on November 26, 2023, completed, and submitted to IEPA on April 24, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the FAPS. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on March 20, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d) and a corrective action plan will be submitted to IEPA on April 24, 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 1, 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 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.

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35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES[1]
QUARTER 1, 2025
FLY ASH POND SYSTEM, BALDWIN POWER PLANT, BALDWIN, ILLINOIS

May 3, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on March 4, 2025.

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

On April 9, 2024, the Illinois Environmental Protection Agency (IEPA) approved[2] the March 14, 2024 work plan[3] to abandon background monitoring well MW-306, and compliance monitoring wells MW-253 and MW-350, which were suspected to have grout contamination. Due to the suspected contamination, these wells were not sampled in Quarter 2, 2024. The monitoring wells were abandoned, and two monitoring wells were replaced in May 2024. The replacement wells (MW-253R and MW-350R) were sampled during the Quarter 3 and Quarter 4, 2024 events as well as Quarter 1, 2025 event. Related updates to the Groundwater Monitoring Plan Revision 1 (GMP Rev. 1)[4] to reflect these changes are pending.

During the associated field mobilization, compliance well MW-391 was inspected following erratic constituent concentration and groundwater elevation behavior. During the inspection, one of the casing joints in MW-391 was observed to be compromised. A technical memorandum[5] 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

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[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, 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 also observed to be compromised. The IEPA was notified on September 16, 2024[6] 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 Plan[4]), constituent concentrations observed at compliance monitoring wells in Quarter 1, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

TABLES

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

FIGURES

Figure 1 Monitoring Well Location Map

ATTACHMENTS

Attachment A Groundwater Elevation Data - Quarter 1, 2025
Attachment B Laboratory Reports and Field Data Sheets - Quarter 1, 2025
Attachment C Comparison to Background - Quarter 1, 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 1, 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	E008	01/22/2025	Antimony, total	0.0004 U	mg/L
MW-304	Background	E008	01/22/2025	Arsenic, total	0.00260	mg/L
MW-304	Background	E008	01/22/2025	Barium, total	0.0175	mg/L
MW-304	Background	E008	01/22/2025	Beryllium, total	0.0002 U	mg/L
MW-304	Background	E008	01/22/2025	Boron, total	1.82	mg/L
MW-304	Background	E008	01/22/2025	Cadmium, total	0.0002 U	mg/L
MW-304	Background	E008	01/22/2025	Calcium, total	11.1	mg/L
MW-304	Background	E008	01/22/2025	Chloride, total	161	mg/L
MW-304	Background	E008	01/22/2025	Chromium, total	0.0008 J	mg/L
MW-304	Background	E008	01/22/2025	Cobalt, total	0.0001 U	mg/L
MW-304	Background	E008	01/22/2025	Dissolved Oxygen	1.08	mg/L
MW-304	Background	E008	01/22/2025	Fluoride, total	1.55	mg/L
MW-304	Background	E008	01/22/2025	Lead, total	0.0006 U	mg/L
MW-304	Background	E008	01/22/2025	Lithium, total	0.0962	mg/L
MW-304	Background	E008	01/22/2025	Mercury, total	0.00006 U	mg/L
MW-304	Background	E008	01/22/2025	Molybdenum, total	0.001 J	mg/L
MW-304	Background	E008	01/22/2025	Oxidation Reduction Potential	92.0	mV
MW-304	Background	E008	01/22/2025	pH (field)	7.7	SU
MW-304	Background	E008	01/22/2025	Radium 226 + Radium 228, total	0.387	pCi/L
MW-304	Background	E008	01/22/2025	Selenium, total	0.0006 U	mg/L
MW-304	Background	E008	01/22/2025	Specific Conductance @ 25C (field)	2,090	micromhos/cm
MW-304	Background	E008	01/22/2025	Sulfate, total	178	mg/L
MW-304	Background	E008	01/22/2025	Temperature	13.9	degrees C
MW-304	Background	E008	01/22/2025	Thallium, total	0.001 U	mg/L
MW-304	Background	E008	01/22/2025	Total Dissolved Solids	1,410	mg/L
MW-304	Background	E008	01/22/2025	Turbidity, field	6.80	NTU
MW-358R	Background	E008	01/24/2025	Antimony, total	0.0005 J	mg/L
MW-358R	Background	E008	01/24/2025	Arsenic, total	0.00230	mg/L
MW-358R	Background	E008	01/24/2025	Barium, total	0.195	mg/L
MW-358R	Background	E008	01/24/2025	Beryllium, total	0.0002 U	mg/L
MW-358R	Background	E008	01/24/2025	Boron, total	1.30	mg/L
MW-358R	Background	E008	01/24/2025	Cadmium, total	0.0002 J	mg/L
MW-358R	Background	E008	01/24/2025	Calcium, total	38.9	mg/L
MW-358R	Background	E008	01/24/2025	Chloride, total	1,330	mg/L
MW-358R	Background	E008	01/24/2025	Chromium, total	0.00400	mg/L
MW-358R	Background	E008	01/24/2025	Cobalt, total	0.0007 J	mg/L
MW-358R	Background	E008	01/24/2025	Dissolved Oxygen	1.02	mg/L
MW-358R	Background	E008	01/24/2025	Fluoride, total	1.26	mg/L
MW-358R	Background	E008	01/24/2025	Lead, total	0.00130	mg/L
MW-358R	Background	E008	01/24/2025	Lithium, total	0.00910	mg/L
MW-358R	Background	E008	01/24/2025	Mercury, total	0.00006 U	mg/L
MW-358R	Background	E008	01/24/2025	Molybdenum, total	0.0278	mg/L
MW-358R	Background	E008	01/24/2025	Oxidation Reduction Potential	50.0	mV
MW-358R	Background	E008	01/24/2025	pH (field)	7.3	SU
MW-358R	Background	E008	01/24/2025	Radium 226 + Radium 228, total	0.431	pCi/L
MW-358R	Background	E008	01/24/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 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	E008	01/24/2025	Specific Conductance @ 25C (field)	4,080	micromhos/cm
MW-358R	Background	E008	01/24/2025	Sulfate, total	21.2	mg/L
MW-358R	Background	E008	01/24/2025	Temperature	12.7	degrees C
MW-358R	Background	E008	01/24/2025	Thallium, total	0.001 U	mg/L
MW-358R	Background	E008	01/24/2025	Total Dissolved Solids	3,020	mg/L
MW-358R	Background	E008	01/24/2025	Turbidity, field	170	NTU
MW-150	Compliance	E008	01/22/2025	Antimony, total	0.0004 U	mg/L
MW-150	Compliance	E008	01/22/2025	Arsenic, total	0.0008 J	mg/L
MW-150	Compliance	E008	01/22/2025	Barium, total	0.0141	mg/L
MW-150	Compliance	E008	01/22/2025	Beryllium, total	0.0002 U	mg/L
MW-150	Compliance	E008	01/22/2025	Boron, total	4.91	mg/L
MW-150	Compliance	E008	01/22/2025	Cadmium, total	0.0002 U	mg/L
MW-150	Compliance	E008	01/22/2025	Calcium, total	189	mg/L
MW-150	Compliance	E008	01/22/2025	Chloride, total	46.1	mg/L
MW-150	Compliance	E008	01/22/2025	Chromium, total	0.00220	mg/L
MW-150	Compliance	E008	01/22/2025	Cobalt, total	0.0001 U	mg/L
MW-150	Compliance	E008	01/22/2025	Dissolved Oxygen	2.64	mg/L
MW-150	Compliance	E008	01/22/2025	Fluoride, total	0.640	mg/L
MW-150	Compliance	E008	01/22/2025	Lead, total	0.0006 U	mg/L
MW-150	Compliance	E008	01/22/2025	Lithium, total	0.0625	mg/L
MW-150	Compliance	E008	01/22/2025	Mercury, total	0.00006 U	mg/L
MW-150	Compliance	E008	01/22/2025	Molybdenum, total	0.00160	mg/L
MW-150	Compliance	E008	01/22/2025	Oxidation Reduction Potential	-73.0	mV
MW-150	Compliance	E008	01/22/2025	pH (field)	7.1	SU
MW-150	Compliance	E008	01/22/2025	Radium 226 + Radium 228, total	0.226	pCi/L
MW-150	Compliance	E008	01/22/2025	Selenium, total	0.00140	mg/L
MW-150	Compliance	E008	01/22/2025	Specific Conductance @ 25C (field)	627	micromhos/cm
MW-150	Compliance	E008	01/22/2025	Sulfate, total	888	mg/L
MW-150	Compliance	E008	01/22/2025	Temperature	12.8	degrees C
MW-150	Compliance	E008	01/22/2025	Thallium, total	0.001 U	mg/L
MW-150	Compliance	E008	01/22/2025	Total Dissolved Solids	1,710	mg/L
MW-150	Compliance	E008	01/22/2025	Turbidity, field	16.0	NTU
MW-151	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-151	Compliance	E008	01/23/2025	Arsenic, total	0.00790	mg/L
MW-151	Compliance	E008	01/23/2025	Barium, total	0.156	mg/L
MW-151	Compliance	E008	01/23/2025	Beryllium, total	0.00180	mg/L
MW-151	Compliance	E008	01/23/2025	Boron, total	1.68	mg/L
MW-151	Compliance	E008	01/23/2025	Cadmium, total	0.0002 J	mg/L
MW-151	Compliance	E008	01/23/2025	Calcium, total	198	mg/L
MW-151	Compliance	E008	01/23/2025	Chloride, total	48.6	mg/L
MW-151	Compliance	E008	01/23/2025	Chromium, total	0.0404	mg/L
MW-151	Compliance	E008	01/23/2025	Cobalt, total	0.0186	mg/L
MW-151	Compliance	E008	01/23/2025	Dissolved Oxygen	1.32	mg/L
MW-151	Compliance	E008	01/23/2025	Fluoride, total	0.520	mg/L
MW-151	Compliance	E008	01/23/2025	Lead, total	0.0156	mg/L
MW-151	Compliance	E008	01/23/2025	Lithium, total	0.0394	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-151	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-151	Compliance	E008	01/23/2025	Molybdenum, total	0.0011 J	mg/L
MW-151	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-58.0	mV
MW-151	Compliance	E008	01/23/2025	pH (field)	7.0	SU
MW-151	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.908	pCi/L
MW-151	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-151	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	465	micromhos/cm
MW-151	Compliance	E008	01/23/2025	Sulfate, total	140	mg/L
MW-151	Compliance	E008	01/23/2025	Temperature	12.0	degrees C
MW-151	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-151	Compliance	E008	01/23/2025	Total Dissolved Solids	550	mg/L
MW-151	Compliance	E008	01/23/2025	Turbidity, field	77.0	NTU
MW-152	Compliance	E008	01/27/2025	Antimony, total	0.0004 U	mg/L
MW-152	Compliance	E008	01/27/2025	Arsenic, total	0.00170	mg/L
MW-152	Compliance	E008	01/27/2025	Barium, total	0.0413	mg/L
MW-152	Compliance	E008	01/27/2025	Beryllium, total	0.0002 U	mg/L
MW-152	Compliance	E008	01/27/2025	Boron, total	0.487	mg/L
MW-152	Compliance	E008	01/27/2025	Cadmium, total	0.0002 U	mg/L
MW-152	Compliance	E008	01/27/2025	Calcium, total	128	mg/L
MW-152	Compliance	E008	01/27/2025	Chloride, total	11.7	mg/L
MW-152	Compliance	E008	01/27/2025	Chromium, total	0.00740	mg/L
MW-152	Compliance	E008	01/27/2025	Cobalt, total	0.00140	mg/L
MW-152	Compliance	E008	01/27/2025	Dissolved Oxygen	0.940	mg/L
MW-152	Compliance	E008	01/27/2025	Fluoride, total	0.29 J	mg/L
MW-152	Compliance	E008	01/27/2025	Lead, total	0.00410	mg/L
MW-152	Compliance	E008	01/27/2025	Lithium, total	0.0115	mg/L
MW-152	Compliance	E008	01/27/2025	Mercury, total	0.00006 U	mg/L
MW-152	Compliance	E008	01/27/2025	Molybdenum, total	0.0012 J	mg/L
MW-152	Compliance	E008	01/27/2025	Oxidation Reduction Potential	-13.0	mV
MW-152	Compliance	E008	01/27/2025	pH (field)	6.8	SU
MW-152	Compliance	E008	01/27/2025	Radium 226 + Radium 228, total	1.23	pCi/L
MW-152	Compliance	E008	01/27/2025	Selenium, total	0.0006 U	mg/L
MW-152	Compliance	E008	01/27/2025	Specific Conductance @ 25C (field)	447	micromhos/cm
MW-152	Compliance	E008	01/27/2025	Sulfate, total	314	mg/L
MW-152	Compliance	E008	01/27/2025	Temperature	9.20	degrees C
MW-152	Compliance	E008	01/27/2025	Thallium, total	0.001 U	mg/L
MW-152	Compliance	E008	01/27/2025	Total Dissolved Solids	918	mg/L
MW-152	Compliance	E008	01/27/2025	Turbidity, field	130	NTU
MW-153	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-153	Compliance	E008	01/23/2025	Arsenic, total	0.00510	mg/L
MW-153	Compliance	E008	01/23/2025	Barium, total	0.125	mg/L
MW-153	Compliance	E008	01/23/2025	Beryllium, total	0.00140	mg/L
MW-153	Compliance	E008	01/23/2025	Boron, total	0.0446	mg/L
MW-153	Compliance	E008	01/23/2025	Cadmium, total	0.0002 J	mg/L
MW-153	Compliance	E008	01/23/2025	Calcium, total	53.3	mg/L
MW-153	Compliance	E008	01/23/2025	Chloride, total	15.2	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-153	Compliance	E008	01/23/2025	Chromium, total	0.0141	mg/L
MW-153	Compliance	E008	01/23/2025	Cobalt, total	0.00410	mg/L
MW-153	Compliance	E008	01/23/2025	Dissolved Oxygen	1.27	mg/L
MW-153	Compliance	E008	01/23/2025	Fluoride, total	0.39 J	mg/L
MW-153	Compliance	E008	01/23/2025	Lead, total	0.0165	mg/L
MW-153	Compliance	E008	01/23/2025	Lithium, total	0.0127	mg/L
MW-153	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-153	Compliance	E008	01/23/2025	Molybdenum, total	0.00180	mg/L
MW-153	Compliance	E008	01/23/2025	Oxidation Reduction Potential	44.0	mV
MW-153	Compliance	E008	01/23/2025	pH (field)	6.9	SU
MW-153	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	4.22	pCi/L
MW-153	Compliance	E008	01/23/2025	Selenium, total	0.00270	mg/L
MW-153	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	1,010	micromhos/cm
MW-153	Compliance	E008	01/23/2025	Sulfate, total	54.6	mg/L
MW-153	Compliance	E008	01/23/2025	Temperature	13.4	degrees C
MW-153	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-153	Compliance	E008	01/23/2025	Total Dissolved Solids	920	mg/L
MW-153	Compliance	E008	01/23/2025	Turbidity, field	980	NTU
MW-252	Compliance	E008	01/27/2025	Antimony, total	0.00150	mg/L
MW-252	Compliance	E008	01/27/2025	Arsenic, total	0.00100	mg/L
MW-252	Compliance	E008	01/27/2025	Barium, total	0.0219	mg/L
MW-252	Compliance	E008	01/27/2025	Beryllium, total	0.0002 U	mg/L
MW-252	Compliance	E008	01/27/2025	Boron, total	0.247	mg/L
MW-252	Compliance	E008	01/27/2025	Cadmium, total	0.0002 U	mg/L
MW-252	Compliance	E008	01/27/2025	Calcium, total	199	mg/L
MW-252	Compliance	E008	01/27/2025	Chloride, total	35.6	mg/L
MW-252	Compliance	E008	01/27/2025	Chromium, total	0.0014 J	mg/L
MW-252	Compliance	E008	01/27/2025	Cobalt, total	0.00240	mg/L
MW-252	Compliance	E008	01/27/2025	Dissolved Oxygen	5.24	mg/L
MW-252	Compliance	E008	01/27/2025	Fluoride, total	0.2 U	mg/L
MW-252	Compliance	E008	01/27/2025	Lead, total	0.0006 U	mg/L
MW-252	Compliance	E008	01/27/2025	Lithium, total	0.0236	mg/L
MW-252	Compliance	E008	01/27/2025	Mercury, total	0.00006 U	mg/L
MW-252	Compliance	E008	01/27/2025	Molybdenum, total	0.00150 J	mg/L
MW-252	Compliance	E008	01/27/2025	Oxidation Reduction Potential	-3.00	mV
MW-252	Compliance	E008	01/27/2025	pH (field)	7.2	SU
MW-252	Compliance	E008	01/27/2025	Radium 226 + Radium 228, total	0.034	pCi/L
MW-252	Compliance	E008	01/27/2025	Selenium, total	0.0006 U	mg/L
MW-252	Compliance	E008	01/27/2025	Specific Conductance @ 25C (field)	547	micromhos/cm
MW-252	Compliance	E008	01/27/2025	Sulfate, total	468	mg/L
MW-252	Compliance	E008	01/27/2025	Temperature	10.5	degrees C
MW-252	Compliance	E008	01/27/2025	Thallium, total	0.001 U	mg/L
MW-252	Compliance	E008	01/27/2025	Total Dissolved Solids	1,230	mg/L
MW-252	Compliance	E008	01/27/2025	Turbidity, field	3.30	NTU
MW-253R	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Arsenic, total	0.00720	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 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	E008	01/23/2025	Barium, total	0.0660	mg/L
MW-253R	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Boron, total	0.222	mg/L
MW-253R	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Calcium, total	220	mg/L
MW-253R	Compliance	E008	01/23/2025	Chloride, total	18.5	mg/L
MW-253R	Compliance	E008	01/23/2025	Chromium, total	0.00390	mg/L
MW-253R	Compliance	E008	01/23/2025	Cobalt, total	0.00150	mg/L
MW-253R	Compliance	E008	01/23/2025	Dissolved Oxygen	0.110	mg/L
MW-253R	Compliance	E008	01/23/2025	Fluoride, total	0.25 J	mg/L
MW-253R	Compliance	E008	01/23/2025	Lead, total	0.00200	mg/L
MW-253R	Compliance	E008	01/23/2025	Lithium, total	0.0212	mg/L
MW-253R	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Molybdenum, total	0.0014 J	mg/L
MW-253R	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-191	mV
MW-253R	Compliance	E008	01/23/2025	pH (field)	6.7	SU
MW-253R	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.99	pCi/L
MW-253R	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	2,640	micromhos/cm
MW-253R	Compliance	E008	01/23/2025	Sulfate, total	539	mg/L
MW-253R	Compliance	E008	01/23/2025	Temperature	12.7	degrees C
MW-253R	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-253R	Compliance	E008	01/23/2025	Total Dissolved Solids	1,400	mg/L
MW-253R	Compliance	E008	01/23/2025	Turbidity, field	120	NTU
MW-350R	Compliance	E008	01/22/2025	Antimony, total	0.0004 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Arsenic, total	0.00200	mg/L
MW-350R	Compliance	E008	01/22/2025	Barium, total	0.125	mg/L
MW-350R	Compliance	E008	01/22/2025	Beryllium, total	0.0002 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Boron, total	1.25	mg/L
MW-350R	Compliance	E008	01/22/2025	Cadmium, total	0.0002 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Calcium, total	47.5	mg/L
MW-350R	Compliance	E008	01/22/2025	Chloride, total	15.8	mg/L
MW-350R	Compliance	E008	01/22/2025	Chromium, total	0.0013 J	mg/L
MW-350R	Compliance	E008	01/22/2025	Cobalt, total	0.0003 J	mg/L
MW-350R	Compliance	E008	01/22/2025	Dissolved Oxygen	0.510	mg/L
MW-350R	Compliance	E008	01/22/2025	Fluoride, total	0.46 J	mg/L
MW-350R	Compliance	E008	01/22/2025	Lead, total	0.0008 J	mg/L
MW-350R	Compliance	E008	01/22/2025	Lithium, total	0.0575	mg/L
MW-350R	Compliance	E008	01/22/2025	Mercury, total	0.00006 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Molybdenum, total	0.00690	mg/L
MW-350R	Compliance	E008	01/22/2025	Oxidation Reduction Potential	-124	mV
MW-350R	Compliance	E008	01/22/2025	pH (field)	7.5	SU
MW-350R	Compliance	E008	01/22/2025	Radium 226 + Radium 228, total	0.68	pCi/L
MW-350R	Compliance	E008	01/22/2025	Selenium, total	0.0006 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Specific Conductance @ 25C (field)	540	micromhos/cm
MW-350R	Compliance	E008	01/22/2025	Sulfate, total	60.8	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-350R	Compliance	E008	01/22/2025	Temperature	10.1	degrees C
MW-350R	Compliance	E008	01/22/2025	Thallium, total	0.001 U	mg/L
MW-350R	Compliance	E008	01/22/2025	Total Dissolved Solids	542	mg/L
MW-350R	Compliance	E008	01/22/2025	Turbidity, field	36.0	NTU
MW-352	Compliance	E008	01/27/2025	Antimony, total	0.00240	mg/L
MW-352	Compliance	E008	01/27/2025	Arsenic, total	0.0007 J	mg/L
MW-352	Compliance	E008	01/27/2025	Barium, total	0.165	mg/L
MW-352	Compliance	E008	01/27/2025	Beryllium, total	0.0002 U	mg/L
MW-352	Compliance	E008	01/27/2025	Boron, total	1.89	mg/L
MW-352	Compliance	E008	01/27/2025	Cadmium, total	0.0002 U	mg/L
MW-352	Compliance	E008	01/27/2025	Calcium, total	86.7	mg/L
MW-352	Compliance	E008	01/27/2025	Chloride, total	526	mg/L
MW-352	Compliance	E008	01/27/2025	Chromium, total	0.00340	mg/L
MW-352	Compliance	E008	01/27/2025	Cobalt, total	0.0005 J	mg/L
MW-352	Compliance	E008	01/27/2025	Dissolved Oxygen	6.68	mg/L
MW-352	Compliance	E008	01/27/2025	Fluoride, total	0.890	mg/L
MW-352	Compliance	E008	01/27/2025	Lead, total	0.00160	mg/L
MW-352	Compliance	E008	01/27/2025	Lithium, total	0.165	mg/L
MW-352	Compliance	E008	01/27/2025	Mercury, total	0.00006 U	mg/L
MW-352	Compliance	E008	01/27/2025	Molybdenum, total	0.00470	mg/L
MW-352	Compliance	E008	01/27/2025	Oxidation Reduction Potential	9.00	mV
MW-352	Compliance	E008	01/27/2025	pH (field)	7.4	SU
MW-352	Compliance	E008	01/27/2025	Radium 226 + Radium 228, total	0.686	pCi/L
MW-352	Compliance	E008	01/27/2025	Selenium, total	0.0006 U	mg/L
MW-352	Compliance	E008	01/27/2025	Specific Conductance @ 25C (field)	660	micromhos/cm
MW-352	Compliance	E008	01/27/2025	Sulfate, total	13.1	mg/L
MW-352	Compliance	E008	01/27/2025	Temperature	10.1	degrees C
MW-352	Compliance	E008	01/27/2025	Thallium, total	0.001 U	mg/L
MW-352	Compliance	E008	01/27/2025	Total Dissolved Solids	1,010	mg/L
MW-352	Compliance	E008	01/27/2025	Turbidity, field	3.80	NTU
MW-366	Compliance	E008	01/23/2025	Antimony, total	0.00120	mg/L
MW-366	Compliance	E008	01/23/2025	Arsenic, total	0.00120	mg/L
MW-366	Compliance	E008	01/23/2025	Barium, total	0.0375	mg/L
MW-366	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-366	Compliance	E008	01/23/2025	Boron, total	3.93	mg/L
MW-366	Compliance	E008	01/23/2025	Cadmium, total	0.0002 J	mg/L
MW-366	Compliance	E008	01/23/2025	Calcium, total	273	mg/L
MW-366	Compliance	E008	01/23/2025	Chloride, total	53.6	mg/L
MW-366	Compliance	E008	01/23/2025	Chromium, total	0.0007 U	mg/L
MW-366	Compliance	E008	01/23/2025	Cobalt, total	0.00340	mg/L
MW-366	Compliance	E008	01/23/2025	Dissolved Oxygen	0.340	mg/L
MW-366	Compliance	E008	01/23/2025	Fluoride, total	0.26 J	mg/L
MW-366	Compliance	E008	01/23/2025	Lead, total	0.0006 U	mg/L
MW-366	Compliance	E008	01/23/2025	Lithium, total	0.0122	mg/L
MW-366	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-366	Compliance	E008	01/23/2025	Molybdenum, total	0.00270	mg/L

TABLE 1.
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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-366	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-49.0	mV
MW-366	Compliance	E008	01/23/2025	pH (field)	6.6	SU
MW-366	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.767	pCi/L
MW-366	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-366	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	583	micromhos/cm
MW-366	Compliance	E008	01/23/2025	Sulfate, total	802	mg/L
MW-366	Compliance	E008	01/23/2025	Temperature	13.1	degrees C
MW-366	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-366	Compliance	E008	01/23/2025	Total Dissolved Solids	1,660	mg/L
MW-366	Compliance	E008	01/23/2025	Turbidity, field	28.0	NTU
MW-375	Compliance	E008	01/23/2025	Antimony, total	0.0005 J	mg/L
MW-375	Compliance	E008	01/23/2025	Arsenic, total	0.00360	mg/L
MW-375	Compliance	E008	01/23/2025	Barium, total	0.0346	mg/L
MW-375	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-375	Compliance	E008	01/23/2025	Boron, total	1.84	mg/L
MW-375	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-375	Compliance	E008	01/23/2025	Calcium, total	13.0	mg/L
MW-375	Compliance	E008	01/23/2025	Chloride, total	86.7	mg/L
MW-375	Compliance	E008	01/23/2025	Chromium, total	0.001 J	mg/L
MW-375	Compliance	E008	01/23/2025	Cobalt, total	0.0002 J	mg/L
MW-375	Compliance	E008	01/23/2025	Dissolved Oxygen	0.390	mg/L
MW-375	Compliance	E008	01/23/2025	Fluoride, total	1.94	mg/L
MW-375	Compliance	E008	01/23/2025	Lead, total	0.0006 U	mg/L
MW-375	Compliance	E008	01/23/2025	Lithium, total	0.102	mg/L
MW-375	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-375	Compliance	E008	01/23/2025	Molybdenum, total	0.0227	mg/L
MW-375	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-110	mV
MW-375	Compliance	E008	01/23/2025	pH (field)	7.8	SU
MW-375	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.867	pCi/L
MW-375	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-375	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	610	micromhos/cm
MW-375	Compliance	E008	01/23/2025	Sulfate, total	70.3	mg/L
MW-375	Compliance	E008	01/23/2025	Temperature	11.9	degrees C
MW-375	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-375	Compliance	E008	01/23/2025	Total Dissolved Solids	952	mg/L
MW-375	Compliance	E008	01/23/2025	Turbidity, field	31.0	NTU
MW-377	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-377	Compliance	E008	01/23/2025	Arsenic, total	0.0004 J	mg/L
MW-377	Compliance	E008	01/23/2025	Barium, total	0.0591	mg/L
MW-377	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-377	Compliance	E008	01/23/2025	Boron, total	1.88	mg/L
MW-377	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-377	Compliance	E008	01/23/2025	Calcium, total	58.7	mg/L
MW-377	Compliance	E008	01/23/2025	Chloride, total	90.6	mg/L
MW-377	Compliance	E008	01/23/2025	Chromium, total	0.0007 U	mg/L
MW-377	Compliance	E008	01/23/2025	Cobalt, total	0.0001 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-377	Compliance	E008	01/23/2025	Dissolved Oxygen	0.200	mg/L
MW-377	Compliance	E008	01/23/2025	Fluoride, total	1.09	mg/L
MW-377	Compliance	E008	01/23/2025	Lead, total	0.0006 U	mg/L
MW-377	Compliance	E008	01/23/2025	Lithium, total	0.0699	mg/L
MW-377	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-377	Compliance	E008	01/23/2025	Molybdenum, total	0.0006 U	mg/L
MW-377	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-69.0	mV
MW-377	Compliance	E008	01/23/2025	pH (field)	7.1	SU
MW-377	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.864	pCi/L
MW-377	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-377	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	1,950	micromhos/cm
MW-377	Compliance	E008	01/23/2025	Sulfate, total	33.9	mg/L
MW-377	Compliance	E008	01/23/2025	Temperature	13.3	degrees C
MW-377	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-377	Compliance	E008	01/23/2025	Total Dissolved Solids	642	mg/L
MW-377	Compliance	E008	01/23/2025	Turbidity, field	18.0	NTU
MW-383	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-383	Compliance	E008	01/23/2025	Arsenic, total	0.0005 J	mg/L
MW-383	Compliance	E008	01/23/2025	Barium, total	0.0433	mg/L
MW-383	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-383	Compliance	E008	01/23/2025	Boron, total	1.42	mg/L
MW-383	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-383	Compliance	E008	01/23/2025	Calcium, total	19.7	mg/L
MW-383	Compliance	E008	01/23/2025	Chloride, total	39.1	mg/L
MW-383	Compliance	E008	01/23/2025	Chromium, total	0.0007 U	mg/L
MW-383	Compliance	E008	01/23/2025	Cobalt, total	0.0001 U	mg/L
MW-383	Compliance	E008	01/23/2025	Dissolved Oxygen	0.300	mg/L
MW-383	Compliance	E008	01/23/2025	Fluoride, total	0.610	mg/L
MW-383	Compliance	E008	01/23/2025	Lead, total	0.0006 U	mg/L
MW-383	Compliance	E008	01/23/2025	Lithium, total	0.0371	mg/L
MW-383	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-383	Compliance	E008	01/23/2025	Molybdenum, total	0.00880	mg/L
MW-383	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-86.0	mV
MW-383	Compliance	E008	01/23/2025	pH (field)	7.6	SU
MW-383	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.116	pCi/L
MW-383	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-383	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	901	micromhos/cm
MW-383	Compliance	E008	01/23/2025	Sulfate, total	153	mg/L
MW-383	Compliance	E008	01/23/2025	Temperature	16.2	degrees C
MW-383	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-383	Compliance	E008	01/23/2025	Total Dissolved Solids	936	mg/L
MW-383	Compliance	E008	01/23/2025	Turbidity, field	45.0	NTU
MW-384	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-384	Compliance	E008	01/23/2025	Arsenic, total	0.0004 U	mg/L
MW-384	Compliance	E008	01/23/2025	Barium, total	0.0574	mg/L
MW-384	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-384	Compliance	E008	01/23/2025	Boron, total	1.62	mg/L
MW-384	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-384	Compliance	E008	01/23/2025	Calcium, total	17.1	mg/L
MW-384	Compliance	E008	01/23/2025	Chloride, total	550	mg/L
MW-384	Compliance	E008	01/23/2025	Chromium, total	0.00190	mg/L
MW-384	Compliance	E008	01/23/2025	Cobalt, total	0.0003 J	mg/L
MW-384	Compliance	E008	01/23/2025	Dissolved Oxygen	0.420	mg/L
MW-384	Compliance	E008	01/23/2025	Fluoride, total	3.52	mg/L
MW-384	Compliance	E008	01/23/2025	Lead, total	0.0006 U	mg/L
MW-384	Compliance	E008	01/23/2025	Lithium, total	0.0470	mg/L
MW-384	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-384	Compliance	E008	01/23/2025	Molybdenum, total	0.0122	mg/L
MW-384	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-84.0	mV
MW-384	Compliance	E008	01/23/2025	pH (field)	7.8	SU
MW-384	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.807	pCi/L
MW-384	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-384	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	1,230	micromhos/cm
MW-384	Compliance	E008	01/23/2025	Sulfate, total	30.1	mg/L
MW-384	Compliance	E008	01/23/2025	Temperature	13.1	degrees C
MW-384	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L
MW-384	Compliance	E008	01/23/2025	Total Dissolved Solids	1,550	mg/L
MW-384	Compliance	E008	01/23/2025	Turbidity, field	52.0	NTU
MW-390	Compliance	E008	01/23/2025	Antimony, total	0.0004 U	mg/L
MW-390	Compliance	E008	01/23/2025	Arsenic, total	0.00130	mg/L
MW-390	Compliance	E008	01/23/2025	Barium, total	0.0375	mg/L
MW-390	Compliance	E008	01/23/2025	Beryllium, total	0.0002 U	mg/L
MW-390	Compliance	E008	01/23/2025	Boron, total	0.726	mg/L
MW-390	Compliance	E008	01/23/2025	Cadmium, total	0.0002 U	mg/L
MW-390	Compliance	E008	01/23/2025	Calcium, total	78.3	mg/L
MW-390	Compliance	E008	01/23/2025	Chloride, total	68.1	mg/L
MW-390	Compliance	E008	01/23/2025	Chromium, total	0.0007 U	mg/L
MW-390	Compliance	E008	01/23/2025	Cobalt, total	0.0005 J	mg/L
MW-390	Compliance	E008	01/23/2025	Dissolved Oxygen	0.440	mg/L
MW-390	Compliance	E008	01/23/2025	Fluoride, total	0.980	mg/L
MW-390	Compliance	E008	01/23/2025	Lead, total	0.0006 J	mg/L
MW-390	Compliance	E008	01/23/2025	Lithium, total	0.0319	mg/L
MW-390	Compliance	E008	01/23/2025	Mercury, total	0.00006 U	mg/L
MW-390	Compliance	E008	01/23/2025	Molybdenum, total	0.00290	mg/L
MW-390	Compliance	E008	01/23/2025	Oxidation Reduction Potential	-72.0	mV
MW-390	Compliance	E008	01/23/2025	pH (field)	7.2	SU
MW-390	Compliance	E008	01/23/2025	Radium 226 + Radium 228, total	0.692	pCi/L
MW-390	Compliance	E008	01/23/2025	Selenium, total	0.0006 U	mg/L
MW-390	Compliance	E008	01/23/2025	Specific Conductance @ 25C (field)	1,110	micromhos/cm
MW-390	Compliance	E008	01/23/2025	Sulfate, total	124	mg/L
MW-390	Compliance	E008	01/23/2025	Temperature	10.0	degrees C
MW-390	Compliance	E008	01/23/2025	Thallium, total	0.001 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-390	Compliance	E008	01/23/2025	Total Dissolved Solids	756	mg/L
MW-390	Compliance	E008	01/23/2025	Turbidity, field	7.70	NTU
MW-391R	Compliance	E008	--	Antimony, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Arsenic, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Barium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Beryllium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Boron, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Cadmium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Calcium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Chloride, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Chromium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Cobalt, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Dissolved Oxygen	NS[7]	mg/L
MW-391R	Compliance	E008	--	Fluoride, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Lead, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Lithium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Mercury, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Molybdenum, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Oxidation Reduction Potential	NS[7]	mV
MW-391R	Compliance	E008	--	pH (field)	NS[7]	SU
MW-391R	Compliance	E008	--	Radium 226 + Radium 228, total	NS[7]	pCi/L
MW-391R	Compliance	E008	--	Selenium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Specific Conductance @ 25C (field)	NS[7]	micromhos/cm
MW-391R	Compliance	E008	--	Sulfate, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Temperature	NS[7]	degrees C
MW-391R	Compliance	E008	--	Thallium, total	NS[7]	mg/L
MW-391R	Compliance	E008	--	Total Dissolved Solids	NS[7]	mg/L
MW-391R	Compliance	E008	--	Turbidity, field	NS[7]	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E008 = Quarter 1, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Antimony, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-150	PMP	E008	Barium, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.0147	2.0	Standard	No Exceedance
MW-150	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-150	PMP	E008	Boron, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	3.45	2.23	Background	Exceedance
MW-150	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-150	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	48.9	1,370	Background	No Exceedance
MW-150	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/22/25	9	89	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-150	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.661	4.0	Standard	No Exceedance
MW-150	PMP	E008	Lead, total	mg/L	03/15/23 - 01/22/25	9	89	CI around median	0.001	0.0075	Standard	No Exceedance
MW-150	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.0478	0.123	Background	No Exceedance
MW-150	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-150	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/22/25	9	44	CI around median	0.0015	0.1	Standard	No Exceedance
MW-150	PMP	E008	pH (field)	SU	03/22/16 - 01/22/25	37	0	CB around T-S line	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-150	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/22/25	9	0	CI around mean	-0.0238	5	Standard	No Exceedance
MW-150	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/22/25	9	67	CI around median	0.001	0.05	Standard	No Exceedance
MW-150	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	854	400	Standard	Exceedance
MW-150	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-150	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/22/25	37	0	CB around linear reg	1,660	3,260	Background	No Exceedance
MW-151	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.001	0.006	Standard	No Exceedance
MW-151	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.001	0.010	Standard	No Exceedance
MW-151	PMP	E008	Barium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around median	0.0569	2.0	Standard	No Exceedance
MW-151	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.001	0.004	Standard	No Exceedance
MW-151	PMP	E008	Boron, total	mg/L	03/15/23 - 01/23/25	10	0	CB around linear reg	0.949	2.23	Background	No Exceedance
MW-151	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-151	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	37.4	1,370	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Chromium, total	mg/L	03/15/23 - 01/23/25	10	20	CI around mean	0.000932	0.1	Standard	No Exceedance
MW-151	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/23/25	10	30	CI around geomean	0.00102	0.006	Standard	No Exceedance
MW-151	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.512	4.0	Standard	No Exceedance
MW-151	PMP	E008	Lead, total	mg/L	03/15/23 - 01/23/25	10	40	CI around geomean	0.000998	0.0075	Standard	No Exceedance
MW-151	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.0252	0.123	Background	No Exceedance
MW-151	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-151	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-151	PMP	E008	pH (field)	SU	03/16/17 - 01/23/25	34	0	CI around mean	6.9/7.0	6.5/9.0	Standard/Standard	No Exceedance
MW-151	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/23/25	10	0	CI around mean	0.15	5	Standard	No Exceedance
MW-151	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-151	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/23/25	10	0	CB around linear reg	105	400	Standard	No Exceedance
MW-151	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-151	PMP	E008	Total Dissolved Solids	mg/L	03/16/17 - 01/23/25	34	0	CB around T-S line	554	3,260	Background	No Exceedance
MW-152	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-152	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	9	44	CI around geomean	0.000904	0.010	Standard	No Exceedance
MW-152	PMP	E008	Barium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.016	2.0	Standard	No Exceedance
MW-152	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-152	PMP	E008	Boron, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	-1.19	2.23	Background	No Exceedance
MW-152	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-152	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	7.35	1,370	Background	No Exceedance
MW-152	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	9	44	CI around mean	0.00119	0.1	Standard	No Exceedance
MW-152	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	9	44	CI around geomean	0.000957	0.006	Standard	No Exceedance
MW-152	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	9	22	CI around mean	0.251	4.0	Standard	No Exceedance
MW-152	PMP	E008	Lead, total	mg/L	03/15/23 - 01/27/25	9	44	CI around mean	0.000861	0.0075	Standard	No Exceedance
MW-152	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	9	11	CI around mean	0.00809	0.123	Background	No Exceedance
MW-152	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-152	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	pH (field)	SU	03/22/16 - 01/27/25	37	0	CI around median	6.7/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-152	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	9	0	CI around mean	0.39	5	Standard	No Exceedance
MW-152	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-152	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	326	400	Standard	No Exceedance
MW-152	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-152	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	37	0	CB around linear reg	573	3,260	Background	No Exceedance
MW-153	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.001	0.010	Standard	No Exceedance
MW-153	PMP	E008	Barium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around geomean	0.0329	2.0	Standard	No Exceedance
MW-153	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.0006	0.004	Standard	No Exceedance
MW-153	PMP	E008	Boron, total	mg/L	03/15/23 - 01/23/25	10	54	CI around median	0.02	2.23	Background	No Exceedance
MW-153	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-153	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	15.7	1,370	Background	No Exceedance
MW-153	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-153	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/23/25	10	20	CI around mean	0.378	4.0	Standard	No Exceedance
MW-153	PMP	E008	Lead, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.001	0.0075	Standard	No Exceedance
MW-153	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/23/25	10	10	CB around linear reg	0.00456	0.123	Background	No Exceedance
MW-153	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-153	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
MW-153	PMP	E008	pH (field)	SU	03/22/16 - 01/23/25	38	0	CI around median	7.0/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-153	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/23/25	10	0	CI around geomean	0.467	5	Standard	No Exceedance
MW-153	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.00221	0.05	Standard	No Exceedance
MW-153	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	59.4	400	Standard	No Exceedance
MW-153	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-153	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/23/25	38	0	CI around median	370	3,260	Background	No Exceedance
MW-252	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	9	33	CI around mean	0.000968	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	9	67	CI around median	0.001	0.010	Standard	No Exceedance
MW-252	PMP	E008	Barium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.0245	2.0	Standard	No Exceedance
MW-252	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-252	PMP	E008	Boron, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.145	2.23	Background	No Exceedance
MW-252	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-252	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	36.2	1,370	Background	No Exceedance
MW-252	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	9	67	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	9	11	CI around mean	0.00118	0.006	Standard	No Exceedance
MW-252	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	9	22	CI around median	0.21	4.0	Standard	No Exceedance
MW-252	PMP	E008	Lead, total	mg/L	03/15/23 - 01/27/25	9	78	CI around median	0.001	0.0075	Standard	No Exceedance
MW-252	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.0129	0.123	Background	No Exceedance
MW-252	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-252	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	9	89	CI around median	0.0015	0.1	Standard	No Exceedance
MW-252	PMP	E008	pH (field)	SU	03/22/16 - 01/27/25	37	0	CI around median	6.8/6.9	6.5/9.0	Standard/Standard	No Exceedance
MW-252	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	9	0	CI around geomean	0.14	5	Standard	No Exceedance
MW-252	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-252	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	449	400	Standard	Exceedance
MW-252	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-252	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	37	0	CB around linear reg	1,120	3,260	Background	No Exceedance
MW-253R	PMP	E008	Antimony, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-253R	PMP	E008	Arsenic, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	-0.00423	0.010	Standard	No Exceedance
MW-253R	PMP	E008	Barium, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.0216	2.0	Standard	No Exceedance
MW-253R	PMP	E008	Beryllium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-253R	PMP	E008	Boron, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.154	2.23	Background	No Exceedance
MW-253R	PMP	E008	Cadmium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-253R	PMP	E008	Chloride, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	16.2	1,370	Background	No Exceedance
MW-253R	PMP	E008	Chromium, total	mg/L	07/18/24 - 01/23/25	4	50	CI around mean	-0.00714	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Cobalt, total	mg/L	07/18/24 - 01/23/25	4	50	CI around mean	-0.00153	0.006	Standard	No Exceedance
MW-253R	PMP	E008	Fluoride, total	mg/L	07/18/24 - 01/23/25	4	75	CI around median (Last Sample, n<7)	0.5	4.0	Standard	No Exceedance
MW-253R	PMP	E008	Lead, total	mg/L	07/18/24 - 01/23/25	4	25	CI around mean	-0.0000904	0.0075	Standard	No Exceedance
MW-253R	PMP	E008	Lithium, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.0116	0.123	Background	No Exceedance
MW-253R	PMP	E008	Mercury, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-253R	PMP	E008	Molybdenum, total	mg/L	07/18/24 - 01/23/25	4	25	CI around mean	0.000482	0.1	Standard	No Exceedance
MW-253R	PMP	E008	pH (field)	SU	07/18/24 - 01/23/25	4	0	CI around mean	6.3/7.3	6.5/9.0	Standard/Standard	No Exceedance
MW-253R	PMP	E008	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 01/23/25	4	0	CI around mean	0.316	5	Standard	No Exceedance
MW-253R	PMP	E008	Selenium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-253R	PMP	E008	Sulfate, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	387	400	Standard	No Exceedance
MW-253R	PMP	E008	Thallium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-253R	PMP	E008	Total Dissolved Solids	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	876	3,260	Background	No Exceedance
MW-350R	UA	E008	Antimony, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E008	Arsenic, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.002	0.010	Standard	No Exceedance
MW-350R	UA	E008	Barium, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.125	2.0	Standard	No Exceedance
MW-350R	UA	E008	Beryllium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-350R	UA	E008	Boron, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	1.25	2.23	Background	No Exceedance
MW-350R	UA	E008	Cadmium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-350R	UA	E008	Chloride, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	15.8	1,370	Background	No Exceedance
MW-350R	UA	E008	Chromium, total	mg/L	07/18/24 - 01/22/25	3	67	Most recent sample	0.0015	0.1	Standard	No Exceedance
MW-350R	UA	E008	Cobalt, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-350R	UA	E008	Fluoride, total	mg/L	07/18/24 - 01/22/25	3	33	Most recent sample	0.5	4.0	Standard	No Exceedance
MW-350R	UA	E008	Lead, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-350R	UA	E008	Lithium, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.0575	0.123	Background	No Exceedance
MW-350R	UA	E008	Mercury, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-350R	UA	E008	Molybdenum, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.0069	0.1	Standard	No Exceedance
MW-350R	UA	E008	pH (field)	SU	07/18/24 - 01/22/25	3	0	Most recent sample	7.5/7.5	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.68	5	Standard	No Exceedance
MW-350R	UA	E008	Selenium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-350R	UA	E008	Sulfate, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	60.8	400	Standard	No Exceedance
MW-350R	UA	E008	Thallium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-350R	UA	E008	Total Dissolved Solids	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	542	3,260	Background	No Exceedance
MW-352	UA	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-352	UA	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-352	UA	E008	Barium, total	mg/L	03/15/23 - 01/27/25	10	0	CI around median	0.0856	2.0	Standard	No Exceedance
MW-352	UA	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-352	UA	E008	Boron, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	1.92	2.23	Background	No Exceedance
MW-352	UA	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-352	UA	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	535	1,370	Background	No Exceedance
MW-352	UA	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-352	UA	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	1.23	4.0	Standard	No Exceedance
MW-352	UA	E008	Lead, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.001	0.0075	Standard	No Exceedance
MW-352	UA	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	10	0	CI around geomean	0.0862	0.123	Background	No Exceedance
MW-352	UA	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-352	UA	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
MW-352	UA	E008	pH (field)	SU	03/22/16 - 01/27/25	38	0	CB around T-S line	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
MW-352	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	10	0	CB around linear reg	0.266	5	Standard	No Exceedance
MW-352	UA	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-352	UA	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	10	91	CI around median	10	400	Standard	No Exceedance
MW-352	UA	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-352	UA	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	38	0	CI around mean	1,120	3,260	Background	No Exceedance
MW-366	UA	E008	Antimony, total	mg/L	01/20/16 - 01/23/25	27	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E008	Arsenic, total	mg/L	01/20/16 - 01/23/25	27	93	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Barium, total	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	0.0216	2.0	Standard	No Exceedance
MW-366	UA	E008	Beryllium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-366	UA	E008	Boron, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	2.19	2.23	Background	No Exceedance
MW-366	UA	E008	Cadmium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-366	UA	E008	Chloride, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	52.4	1,370	Background	No Exceedance
MW-366	UA	E008	Chromium, total	mg/L	01/20/16 - 01/23/25	27	96	CB around T-S line	0.00148	0.1	Standard	No Exceedance
MW-366	UA	E008	Cobalt, total	mg/L	01/20/16 - 01/23/25	25	76	CI around median	0.001	0.006	Standard	No Exceedance
MW-366	UA	E008	Fluoride, total	mg/L	01/20/16 - 01/23/25	28	7	CB around linear reg	0.105	4.0	Standard	No Exceedance
MW-366	UA	E008	Lead, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-366	UA	E008	Lithium, total	mg/L	01/20/16 - 01/23/25	27	4	CB around linear reg	0.00348	0.123	Background	No Exceedance
MW-366	UA	E008	Mercury, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-366	UA	E008	Molybdenum, total	mg/L	01/20/16 - 01/23/25	27	4	CI around mean	0.00292	0.1	Standard	No Exceedance
MW-366	UA	E008	pH (field)	SU	01/20/16 - 01/23/25	28	0	CB around linear reg	6.5/6.8	6.5/9.0	Standard/Standard	No Exceedance
MW-366	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 01/23/25	27	0	CI around geomean	0.404	5	Standard	No Exceedance
MW-366	UA	E008	Selenium, total	mg/L	01/20/16 - 01/23/25	27	96	CI around median	0.001	0.05	Standard	No Exceedance
MW-366	UA	E008	Sulfate, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	694	400	Standard	Exceedance
MW-366	UA	E008	Thallium, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-366	UA	E008	Total Dissolved Solids	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	1,440	3,260	Background	No Exceedance
MW-375	UA	E008	Antimony, total	mg/L	01/20/16 - 01/23/25	27	37	CB around T-S line	0.000443	0.006	Standard	No Exceedance
MW-375	UA	E008	Arsenic, total	mg/L	01/20/16 - 01/23/25	27	4	CI around median	0.0014	0.010	Standard	No Exceedance
MW-375	UA	E008	Barium, total	mg/L	01/20/16 - 01/23/25	27	0	CI around mean	0.0247	2.0	Standard	No Exceedance
MW-375	UA	E008	Beryllium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-375	UA	E008	Boron, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	1.31	2.23	Background	No Exceedance
MW-375	UA	E008	Cadmium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-375	UA	E008	Chloride, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	92.2	1,370	Background	No Exceedance
MW-375	UA	E008	Chromium, total	mg/L	01/20/16 - 01/23/25	27	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-375	UA	E008	Cobalt, total	mg/L	01/20/16 - 01/23/25	25	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	GWPS	GWPS Source	Compliance Result
MW-375	UA	E008	Fluoride, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	2.24	4.0	Standard	No Exceedance
MW-375	UA	E008	Lead, total	mg/L	01/20/16 - 01/23/25	24	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-375	UA	E008	Lithium, total	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	0.071	0.123	Background	No Exceedance
MW-375	UA	E008	Mercury, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-375	UA	E008	Molybdenum, total	mg/L	01/20/16 - 01/23/25	27	0	CI around mean	0.0242	0.1	Standard	No Exceedance
MW-375	UA	E008	pH (field)	SU	01/20/16 - 01/23/25	28	0	CI around median	7.7/7.8	6.5/9.0	Standard/Standard	No Exceedance
MW-375	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 01/23/25	27	0	CI around median	0.28	5	Standard	No Exceedance
MW-375	UA	E008	Selenium, total	mg/L	01/20/16 - 01/23/25	27	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-375	UA	E008	Sulfate, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	111	400	Standard	No Exceedance
MW-375	UA	E008	Thallium, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-375	UA	E008	Total Dissolved Solids	mg/L	01/20/16 - 01/23/25	28	0	CI around median	916	3,260	Background	No Exceedance
MW-377	UA	E008	Antimony, total	mg/L	01/19/16 - 01/23/25	27	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-377	UA	E008	Arsenic, total	mg/L	01/19/16 - 01/23/25	27	82	CI around median	0.001	0.010	Standard	No Exceedance
MW-377	UA	E008	Barium, total	mg/L	01/19/16 - 01/23/25	27	0	CI around mean	0.0603	2.0	Standard	No Exceedance
MW-377	UA	E008	Beryllium, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-377	UA	E008	Boron, total	mg/L	01/19/16 - 01/23/25	28	0	CI around mean	1.68	2.23	Background	No Exceedance
MW-377	UA	E008	Cadmium, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-377	UA	E008	Chloride, total	mg/L	01/19/16 - 01/23/25	28	0	CB around linear reg	94.3	1,370	Background	No Exceedance
MW-377	UA	E008	Chromium, total	mg/L	01/19/16 - 01/23/25	27	96	CB around T-S line	0.00146	0.1	Standard	No Exceedance
MW-377	UA	E008	Cobalt, total	mg/L	01/19/16 - 01/23/25	25	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-377	UA	E008	Fluoride, total	mg/L	01/19/16 - 01/23/25	28	0	CB around linear reg	1.16	4.0	Standard	No Exceedance
MW-377	UA	E008	Lead, total	mg/L	01/19/16 - 01/23/25	24	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-377	UA	E008	Lithium, total	mg/L	01/19/16 - 01/23/25	27	0	CB around linear reg	0.0602	0.123	Background	No Exceedance
MW-377	UA	E008	Mercury, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-377	UA	E008	Molybdenum, total	mg/L	01/19/16 - 01/23/25	27	70	CB around T-S line	0.000691	0.1	Standard	No Exceedance
MW-377	UA	E008	pH (field)	SU	01/19/16 - 01/23/25	28	0	CI around median	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
MW-377	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 01/23/25	27	0	CI around mean	0.423	5	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Selenium, total	mg/L	01/19/16 - 01/23/25	27	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-377	UA	E008	Sulfate, total	mg/L	01/19/16 - 01/23/25	28	0	CB around T-S line	34	400	Standard	No Exceedance
MW-377	UA	E008	Thallium, total	mg/L	01/19/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-377	UA	E008	Total Dissolved Solids	mg/L	01/19/16 - 01/23/25	28	0	CI around mean	603	3,260	Background	No Exceedance
MW-383	UA	E008	Antimony, total	mg/L	01/21/16 - 01/23/25	27	89	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-383	UA	E008	Arsenic, total	mg/L	01/21/16 - 01/23/25	27	82	CI around median	0.001	0.010	Standard	No Exceedance
MW-383	UA	E008	Barium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around T-S line	0.0458	2.0	Standard	No Exceedance
MW-383	UA	E008	Beryllium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-383	UA	E008	Boron, total	mg/L	01/21/16 - 01/23/25	28	0	CI around median	1.34	2.23	Background	No Exceedance
MW-383	UA	E008	Cadmium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-383	UA	E008	Chloride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	41.9	1,370	Background	No Exceedance
MW-383	UA	E008	Chromium, total	mg/L	01/21/16 - 01/23/25	27	93	CB around T-S line	0.00147	0.1	Standard	No Exceedance
MW-383	UA	E008	Cobalt, total	mg/L	01/21/16 - 01/23/25	25	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-383	UA	E008	Fluoride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	0.65	4.0	Standard	No Exceedance
MW-383	UA	E008	Lead, total	mg/L	01/21/16 - 01/23/25	24	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-383	UA	E008	Lithium, total	mg/L	01/21/16 - 01/23/25	27	0	CI around median	0.0354	0.123	Background	No Exceedance
MW-383	UA	E008	Mercury, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-383	UA	E008	Molybdenum, total	mg/L	01/21/16 - 01/23/25	27	0	CI around median	0.0095	0.1	Standard	No Exceedance
MW-383	UA	E008	pH (field)	SU	01/21/16 - 01/23/25	28	0	CI around mean	7.5/7.6	6.5/9.0	Standard/Standard	No Exceedance
MW-383	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.249	5	Standard	No Exceedance
MW-383	UA	E008	Selenium, total	mg/L	01/21/16 - 01/23/25	27	96	CI around median	0.001	0.05	Standard	No Exceedance
MW-383	UA	E008	Sulfate, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	147	400	Standard	No Exceedance
MW-383	UA	E008	Thallium, total	mg/L	01/21/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-383	UA	E008	Total Dissolved Solids	mg/L	01/21/16 - 01/23/25	28	0	CI around mean	883	3,260	Background	No Exceedance
MW-384	UA	E008	Antimony, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-384	UA	E008	Arsenic, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-384	UA	E008	Barium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around T-S line	0.0349	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Beryllium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-384	UA	E008	Boron, total	mg/L	01/21/16 - 01/23/25	28	0	CI around median	1.44	2.23	Background	No Exceedance
MW-384	UA	E008	Cadmium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-384	UA	E008	Chloride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around T-S line	467	1,370	Background	No Exceedance
MW-384	UA	E008	Chromium, total	mg/L	01/21/16 - 01/23/25	27	82	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-384	UA	E008	Cobalt, total	mg/L	01/21/16 - 01/23/25	25	96	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-384	UA	E008	Fluoride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	4.14	4.0	Standard	Exceedance
MW-384	UA	E008	Lead, total	mg/L	01/21/16 - 01/23/25	24	96	CI around median	0.001	0.0075	Standard	No Exceedance
MW-384	UA	E008	Lithium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around linear reg	0.0434	0.123	Background	No Exceedance
MW-384	UA	E008	Mercury, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-384	UA	E008	Molybdenum, total	mg/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.0158	0.1	Standard	No Exceedance
MW-384	UA	E008	pH (field)	SU	01/21/16 - 01/23/25	28	0	CI around median	7.8/8.1	6.5/9.0	Standard/Standard	No Exceedance
MW-384	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.32	5	Standard	No Exceedance
MW-384	UA	E008	Selenium, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-384	UA	E008	Sulfate, total	mg/L	01/21/16 - 01/23/25	28	4	CB around linear reg	-10.3	400	Standard	No Exceedance
MW-384	UA	E008	Thallium, total	mg/L	01/21/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-384	UA	E008	Total Dissolved Solids	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	1,530	3,260	Background	No Exceedance
MW-390	UA	E008	Antimony, total	mg/L	03/22/16 - 01/23/25	27	96	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E008	Arsenic, total	mg/L	03/22/16 - 01/23/25	27	15	CI around median	0.0013	0.010	Standard	No Exceedance
MW-390	UA	E008	Barium, total	mg/L	03/22/16 - 01/23/25	27	0	CI around mean	0.0477	2.0	Standard	No Exceedance
MW-390	UA	E008	Beryllium, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-390	UA	E008	Boron, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	0.375	2.23	Background	No Exceedance
MW-390	UA	E008	Cadmium, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-390	UA	E008	Chloride, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	64.4	1,370	Background	No Exceedance
MW-390	UA	E008	Chromium, total	mg/L	03/22/16 - 01/23/25	27	96	CB around T-S line	0.00147	0.1	Standard	No Exceedance
MW-390	UA	E008	Cobalt, total	mg/L	03/22/16 - 01/23/25	25	68	CI around median	0.001	0.006	Standard	No Exceedance
MW-390	UA	E008	Fluoride, total	mg/L	03/22/16 - 01/23/25	28	0	CI around median	0.64	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

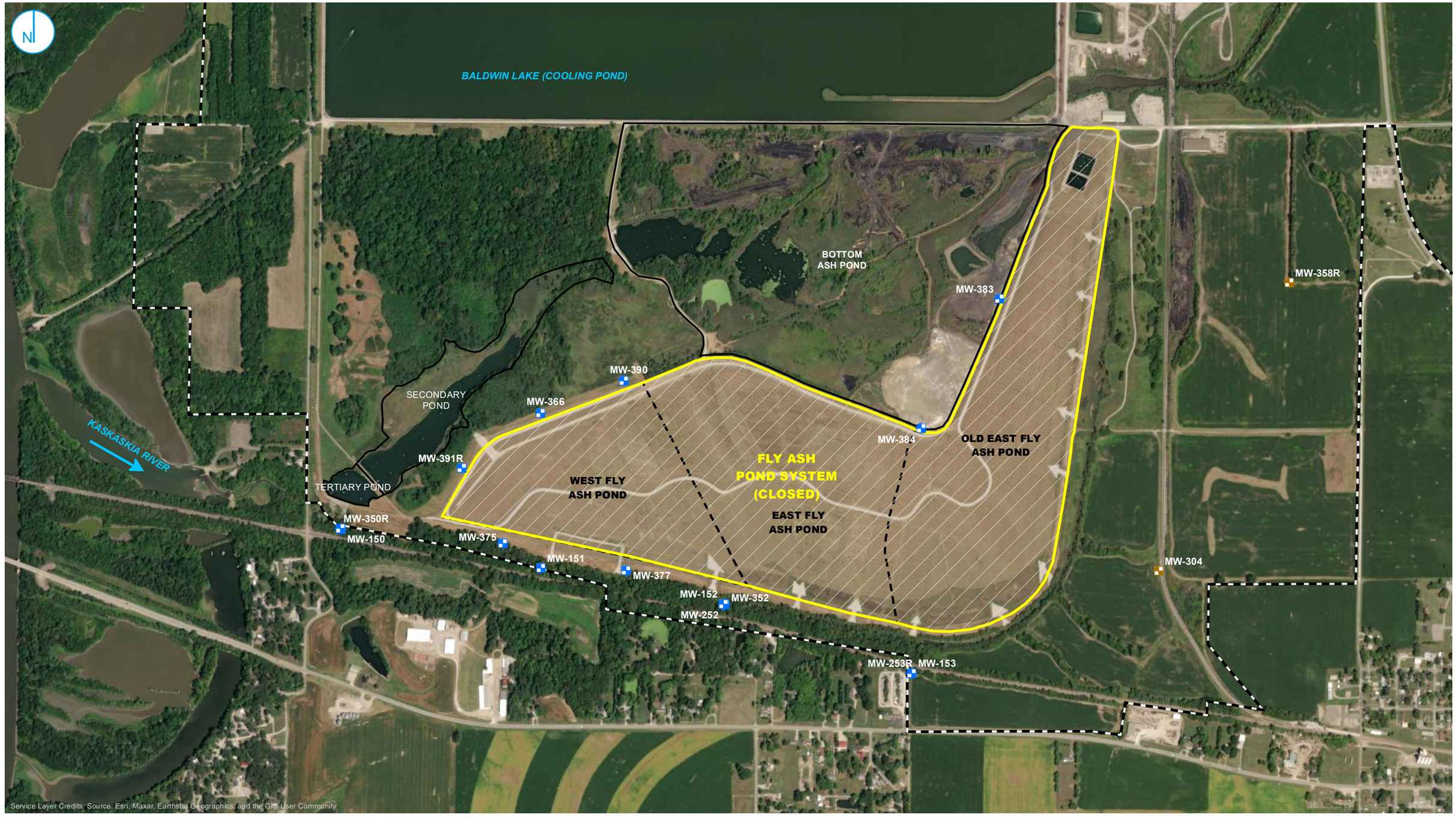
Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-390	UA	E008	Lead, total	mg/L	03/22/16 - 01/23/25	24	92	CI around median	0.001	0.0075	Standard	No Exceedance
MW-390	UA	E008	Lithium, total	mg/L	03/22/16 - 01/23/25	27	4	CI around mean	0.0211	0.123	Background	No Exceedance
MW-390	UA	E008	Mercury, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-390	UA	E008	Molybdenum, total	mg/L	03/22/16 - 01/23/25	27	4	CI around median	0.0029	0.1	Standard	No Exceedance
MW-390	UA	E008	pH (field)	SU	03/22/16 - 01/23/25	28	0	CI around mean	7.1/7.3	6.5/9.0	Standard/Standard	No Exceedance
MW-390	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 01/23/25	27	0	CI around geomean	0.568	5	Standard	No Exceedance
MW-390	UA	E008	Selenium, total	mg/L	03/22/16 - 01/23/25	27	93	CI around median	0.001	0.05	Standard	No Exceedance
MW-390	UA	E008	Sulfate, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	138	400	Standard	No Exceedance
MW-390	UA	E008	Thallium, total	mg/L	03/22/16 - 01/23/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-390	UA	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	693	3,260	Background	No Exceedance
MW-391R	UA	E008	Antimony, total	mg/L	--	--	--	--	NS[7]	0.006	Standard	--
MW-391R	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS[7]	0.010	Standard	--
MW-391R	UA	E008	Barium, total	mg/L	--	--	--	--	NS[7]	2.0	Standard	--
MW-391R	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS[7]	0.004	Standard	--
MW-391R	UA	E008	Boron, total	mg/L	--	--	--	--	NS[7]	2.23	Background	--
MW-391R	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS[7]	0.005	Standard	--
MW-391R	UA	E008	Chloride, total	mg/L	--	--	--	--	NS[7]	1,370	Background	--
MW-391R	UA	E008	Chromium, total	mg/L	--	--	--	--	NS[7]	0.1	Standard	--
MW-391R	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS[7]	0.006	Standard	--
MW-391R	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS[7]	4.0	Standard	--
MW-391R	UA	E008	Lead, total	mg/L	--	--	--	--	NS[7]	0.0075	Standard	--
MW-391R	UA	E008	Lithium, total	mg/L	--	--	--	--	NS[7]	0.123	Background	--
MW-391R	UA	E008	Mercury, total	mg/L	--	--	--	--	NS[7]	0.002	Standard	--
MW-391R	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS[7]	0.1	Standard	--
MW-391R	UA	E008	pH (field)	SU	--	--	--	--	NS[7]	6.5/9.0	Standard/Standard	--
MW-391R	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS[7]	5	Standard	--
MW-391R	UA	E008	Selenium, total	mg/L	--	--	--	--	NS[7]	0.05	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 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	E008	Sulfate, total	mg/L	--	--	--	--	NS[7]	400	Standard	--
MW-391R	UA	E008	Thallium, total	mg/L	--	--	--	--	NS[7]	0.002	Standard	--
MW-391R	UA	E008	Total Dissolved Solids	mg/L	--	--	--	--	NS[7]	3,260	Background	--

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.
Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Dynegy Midwest Generation, LLC's (DMG's) operating permit application for the 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:
NA
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 calculated 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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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



Y:\Mapping\Projects\22\2285\MXD\845_Operating_Permit\BaldwinFAPS\GMP\Figure 2-2_BAL FAPS Expanded Monitoring Well Network.mxd

PROJECT: 169000XXXX | DATED: 7/31/2023 | DESIGNER: GALARNMC

BACKGROUND MONITORING WELL
COMPLIANCE MONITORING WELL

REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
CAPPED AREA
PROPERTY BOUNDARY

0 400 800
Feet

MONITORING WELL LOCATION MAP

FIGURE 1

FLY ASH POND SYSTEM
BALDWIN POWER PLANT
BALDWIN, ILLINOIS

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 1, 2025

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 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	01/21/2025	17.71	379.22
MW-151	Compliance	01/21/2025	5.14	395.08
MW-152	Compliance	01/21/2025	5.79	419.32
MW-153	Compliance	01/21/2025	10.88	434.97
MW-252	Compliance	01/21/2025	3.44	421.67
MW-253R	Compliance	01/21/2025	14.46	431.20
MW-304	Background	01/21/2025	9.01	446.30
MW-350R	Compliance	01/21/2025	20.76	375.54
MW-352	Compliance	01/21/2025	2.72	422.21
MW-358R	Background	01/24/2025	[31.36]	[424.76]
MW-366	Compliance	01/21/2025	11.56	413.52
MW-375	Compliance	01/21/2025	32.03	390.84
MW-377	Compliance	01/21/2025	6.61	414.63
MW-383	Compliance	01/21/2025	19.61	439.94
MW-384	Compliance	01/21/2025	16.14	442.73
MW-390	Compliance	01/21/2025	5.18	422.42
MW-391R	Compliance	01/21/2025	Dry	Dry

Notes:
BMP = below measuring point
Bracketing [ ] indicates that the measurement was obtained outside of the 24-hour period from initiation of depth to groundwater measurements.
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM[1] = Depth to water was not measured.
DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
DM[3] = Depth to water was not measured because the location was inaccessible.
DM[4] = Depth to water was not measured because water level was below the top of the pump.
DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
DM[6] = Depth to water was not measured because of damage to the well.
DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
DM[8] = 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 1, 2025

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

March 04, 2025

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

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

RE: BAL-25Q1 **WorkOrder:** 25010181

Dear Eric Bauer:

TEKLAB, INC received 20 samples for BAL_845_605 on 1/27/2025 2:15:00 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

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

Report Contents

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Definitions

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-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

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010181
Report Date: 04-Mar-25

Cooler Receipt Temp: 12.9 °C

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

MW-391R was dry.

Equipment Blanks were not needed.

MW-152 collection time per field file. FB/EAH 1/31/25

Per Eric Bauer's request, only BAL_845_605 data is included in this report. EAH 3/4/25

Locations

Collinsville

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

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
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

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Accreditations

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	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		3/14/2025	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			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-003 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 14:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**18.29**	ft	1	01/22/2025 14:24	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**16**	NTU	1	01/22/2025 14:24	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-73**	mV	1	01/22/2025 14:24	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**627**	µS/cm	1	01/22/2025 14:24	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.8**	°C	1	01/22/2025 14:24	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.64**	mg/L	1	01/22/2025 14:24	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.10**		1	01/22/2025 14:24	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**325**	mg/L	1	01/23/2025 12:32	R359249
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/23/2025 12:32	R359249
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1710**	mg/L	1	01/23/2025 13:03	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.64**	mg/L	10	01/23/2025 11:13	R359271
Chloride	NELAP	1.00	5.00		**46.1**	mg/L	10	01/23/2025 11:13	R359271
Sulfate	NELAP	3.00	10.0		**888**	mg/L	10	01/23/2025 11:13	R359271
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**189**	mg/L	1	01/23/2025 15:17	233786
Magnesium	NELAP	0.0055	0.0500		**168**	mg/L	1	01/23/2025 15:17	233786
Potassium	NELAP	0.0400	0.100		**0.874**	mg/L	1	01/23/2025 15:17	233786
Sodium	NELAP	0.0180	0.0500		**120**	mg/L	1	01/24/2025 16:29	233786
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:32	233786
Arsenic	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	01/23/2025 11:35	233786
Barium	NELAP	0.0007	0.0010		**0.0141**	mg/L	5	01/24/2025 10:32	233786
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/23/2025 11:35	233786
Boron	NELAP	0.0092	0.0250		**4.91**	mg/L	5	01/23/2025 11:35	233786
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/23/2025 11:35	233786
Chromium	NELAP	0.0007	0.0015		**0.0022**	mg/L	5	01/23/2025 11:35	233786
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/23/2025 11:35	233786
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/23/2025 11:35	233786
Lithium	*	0.0015	0.0030		**0.0625**	mg/L	5	01/24/2025 10:32	233786
Molybdenum	NELAP	0.0006	0.0015		**0.0016**	mg/L	5	01/23/2025 11:35	233786
Selenium	NELAP	0.0006	0.0010		**0.0014**	mg/L	5	01/23/2025 11:35	233786
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/23/2025 11:35	233786
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	01/24/2025 11:22	233801

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-004 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.94**	ft	1	01/23/2025 13:27	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**77**	NTU	1	01/23/2025 13:27	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-58**	mV	1	01/23/2025 13:27	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**465**	µS/cm	1	01/23/2025 13:27	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.0**	°C	1	01/23/2025 13:27	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.32**	mg/L	1	01/23/2025 13:27	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**6.95**		1	01/23/2025 13:27	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**462**	mg/L	1	01/24/2025 11:45	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 11:45	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**550**	mg/L	2.5	01/24/2025 16:44	R359340
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.52**	mg/L	10	01/24/2025 20:22	R359272
Chloride	NELAP	1.00	5.00		**48.6**	mg/L	10	01/24/2025 20:22	R359272
Sulfate	NELAP	3.00	10.0		**140**	mg/L	10	01/24/2025 20:22	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**198**	mg/L	1	01/28/2025 18:59	233831
Magnesium	NELAP	0.0055	0.0500		**55.4**	mg/L	1	01/27/2025 17:12	233831
Potassium	NELAP	0.0400	0.100		**6.02**	mg/L	1	01/27/2025 17:12	233831
Sodium	NELAP	0.0200	0.0500		**85.9**	mg/L	1	01/28/2025 18:59	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 17:05	233831
Arsenic	NELAP	0.0004	0.0010		**0.0079**	mg/L	5	01/24/2025 17:05	233831
Barium	NELAP	0.0007	0.0010		**0.156**	mg/L	5	01/24/2025 17:05	233831
Beryllium	NELAP	0.0002	0.0010		**0.0018**	mg/L	5	01/24/2025 17:05	233831
Boron	NELAP	0.0092	0.0250		**1.68**	mg/L	5	02/10/2025 15:23	234366
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	01/24/2025 17:05	233831
Chromium	NELAP	0.0007	0.0015		**0.0404**	mg/L	5	01/24/2025 17:05	233831
Cobalt	NELAP	0.0001	0.0010		**0.0186**	mg/L	5	01/24/2025 17:05	233831
Lead	NELAP	0.0006	0.0010		**0.0156**	mg/L	5	01/24/2025 17:05	233831
Lithium	*	0.0015	0.0030		**0.0394**	mg/L	5	02/10/2025 15:23	234366
Molybdenum	NELAP	0.0006	0.0015	J	**0.0011**	mg/L	5	01/24/2025 17:05	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 17:05	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 17:05	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:23	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-005 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.96**	ft	1	01/27/2025 10:42	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**130**	NTU	1	01/27/2025 10:42	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-13**	mV	1	01/27/2025 10:42	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**447**	µS/cm	1	01/27/2025 10:42	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**9.2**	°C	1	01/27/2025 10:42	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.94**	mg/L	1	01/27/2025 10:42	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**6.79**		1	01/27/2025 10:42	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**417**	mg/L	1	01/28/2025 10:02	R359451
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/28/2025 10:02	R359451
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		**918**	mg/L	1.25	01/28/2025 12:12	R359518
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.29**	mg/L	10	01/28/2025 17:05	R359470
Chloride	NELAP	1.00	5.00		**11.7**	mg/L	10	01/28/2025 17:05	R359470
Sulfate	NELAP	3.00	10.0		**314**	mg/L	10	01/28/2025 17:05	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**128**	mg/L	1	01/28/2025 11:24	233933
Magnesium	NELAP	0.0055	0.0500		**61.0**	mg/L	1	01/28/2025 11:24	233933
Potassium	NELAP	0.0400	0.100		**1.94**	mg/L	1	01/28/2025 11:24	233933
Sodium	NELAP	0.0180	0.0500		**119**	mg/L	1	01/28/2025 11:24	233933
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:27	233933
Arsenic	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	01/28/2025 16:27	233933
Barium	NELAP	0.0007	0.0010		**0.0413**	mg/L	5	01/28/2025 16:27	233933
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/29/2025 15:43	233933
Boron	NELAP	0.0092	0.0250		**0.487**	mg/L	5	01/29/2025 15:43	233933
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:27	233933
Chromium	NELAP	0.0007	0.0015		**0.0074**	mg/L	5	01/28/2025 16:27	233933
Cobalt	NELAP	0.0001	0.0010		**0.0014**	mg/L	5	01/29/2025 15:43	233933
Lead	NELAP	0.0006	0.0010		**0.0041**	mg/L	5	01/28/2025 16:27	233933
Lithium	*	0.0015	0.0030		**0.0115**	mg/L	5	01/29/2025 15:43	233933
Molybdenum	NELAP	0.0006	0.0015	J	**0.0012**	mg/L	5	01/29/2025 15:43	233933
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:27	233933
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 16:27	233933
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/28/2025 14:43	233951

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-006 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**11.01**	ft	1	01/23/2025 10:07	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**980**	NTU	1	01/23/2025 10:07	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**44**	mV	1	01/23/2025 10:07	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1010**	µS/cm	1	01/23/2025 10:07	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.4**	°C	1	01/23/2025 10:07	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.27**	mg/L	1	01/23/2025 10:07	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	01/23/2025 10:07	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**203**	mg/L	1	01/24/2025 11:51	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 11:51	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**920**	mg/L	2.5	01/24/2025 16:44	R359340
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.39**	mg/L	10	01/24/2025 20:34	R359272
Chloride	NELAP	1.00	5.00		**15.2**	mg/L	10	01/24/2025 20:34	R359272
Sulfate	NELAP	3.00	10.0		**54.6**	mg/L	10	01/24/2025 20:34	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**53.3**	mg/L	1	01/28/2025 19:00	233831
Magnesium	NELAP	0.0055	0.0500		**22.0**	mg/L	1	01/27/2025 17:23	233831
Potassium	NELAP	0.0400	0.100		**1.32**	mg/L	1	01/27/2025 17:23	233831
Sodium	NELAP	0.0200	0.0500		**62.2**	mg/L	1	01/28/2025 19:00	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 18:19	233831
Arsenic	NELAP	0.0004	0.0010		**0.0051**	mg/L	5	01/24/2025 18:19	233831
Barium	NELAP	0.0007	0.0010		**0.125**	mg/L	5	02/13/2025 14:17	234691
Beryllium	NELAP	0.0002	0.0010		**0.0014**	mg/L	5	01/24/2025 18:19	233831
Boron	NELAP	0.0092	0.0250		**0.0446**	mg/L	5	01/24/2025 18:19	233831
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	01/24/2025 18:19	233831
Chromium	NELAP	0.0007	0.0015		**0.0141**	mg/L	5	01/24/2025 18:19	233831
Cobalt	NELAP	0.0001	0.0010		**0.0041**	mg/L	5	01/24/2025 18:19	233831
Lead	NELAP	0.0006	0.0010		**0.0165**	mg/L	5	01/24/2025 18:19	233831
Lithium	*	0.0015	0.0030		**0.0127**	mg/L	5	02/13/2025 14:17	234691
Molybdenum	NELAP	0.0006	0.0015		**0.0018**	mg/L	5	01/24/2025 18:19	233831
Selenium	NELAP	0.0006	0.0010		**0.0027**	mg/L	5	01/24/2025 18:19	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 18:19	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:26	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-014 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**3.47**	ft	1	01/27/2025 10:16	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.3**	NTU	1	01/27/2025 10:16	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-3**	mV	1	01/27/2025 10:16	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**547**	µS/cm	1	01/27/2025 10:16	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.5**	°C	1	01/27/2025 10:16	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**5.24**	mg/L	1	01/27/2025 10:16	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.20**		1	01/27/2025 10:16	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**447**	mg/L	1	01/28/2025 9:42	R359451
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/28/2025 9:42	R359451
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1230**	mg/L	1	01/28/2025 12:13	R359518
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	01/28/2025 18:27	R359470
Chloride	NELAP	1.00	5.00		**35.6**	mg/L	10	01/28/2025 18:27	R359470
Sulfate	NELAP	3.00	10.0		**468**	mg/L	10	01/28/2025 18:27	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**199**	mg/L	1	01/28/2025 16:32	233949
Magnesium	NELAP	0.0055	0.0500		**80.2**	mg/L	1	01/28/2025 16:32	233949
Potassium	NELAP	0.0400	0.100		**3.81**	mg/L	1	01/28/2025 16:32	233949
Sodium	NELAP	0.0180	0.0500	B	**95.1**	mg/L	1	01/28/2025 16:32	233949
Sample result for Na exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0015**	mg/L	5	01/28/2025 14:12	233949
Arsenic	NELAP	0.0004	0.0010		**0.0010**	mg/L	5	01/28/2025 14:12	233949
Barium	NELAP	0.0007	0.0010	B	**0.0219**	mg/L	5	01/29/2025 16:46	233949
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:12	233949
Boron	NELAP	0.0092	0.0250		**0.247**	mg/L	5	01/28/2025 14:12	233949
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:12	233949
Chromium	NELAP	0.0007	0.0015	J	**0.0014**	mg/L	5	01/28/2025 14:12	233949
Cobalt	NELAP	0.0001	0.0010		**0.0024**	mg/L	5	01/28/2025 14:12	233949
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:12	233949
Lithium	*	0.0015	0.0030		**0.0236**	mg/L	5	01/28/2025 14:12	233949
Molybdenum	NELAP	0.0006	0.0015	J	**0.0015**	mg/L	5	01/29/2025 16:46	233949
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:12	233949
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 14:12	233949
Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/28/2025 14:52	233951

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-015 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:36

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**14.61**	ft	1	01/23/2025 10:36	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**120**	NTU	1	01/23/2025 10:36	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-191**	mV	1	01/23/2025 10:36	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2640**	µS/cm	1	01/23/2025 10:36	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	01/23/2025 10:36	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.11**	mg/L	1	01/23/2025 10:36	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**6.67**		1	01/23/2025 10:36	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**453**	mg/L	1	01/24/2025 11:57	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 11:57	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1400**	mg/L	2.5	01/24/2025 16:50	R359340
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.25**	mg/L	10	01/24/2025 20:46	R359272
Chloride	NELAP	1.00	5.00		**18.5**	mg/L	10	01/24/2025 20:46	R359272
Sulfate	NELAP	3.00	10.0		**539**	mg/L	10	01/24/2025 20:46	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**220**	mg/L	1	01/28/2025 19:02	233831
Magnesium	NELAP	0.0055	0.0500		**84.5**	mg/L	1	01/27/2025 17:25	233831
Potassium	NELAP	0.0400	0.100		**4.16**	mg/L	1	01/27/2025 17:25	233831
Sodium	NELAP	0.0200	0.0500		**103**	mg/L	1	01/28/2025 19:02	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 18:25	233831
Arsenic	NELAP	0.0004	0.0010		**0.0072**	mg/L	5	01/24/2025 18:25	233831
Barium	NELAP	0.0007	0.0010		**0.0660**	mg/L	5	01/24/2025 18:25	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 18:25	233831
Boron	NELAP	0.0092	0.0250		**0.222**	mg/L	5	01/24/2025 18:25	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 18:25	233831
Chromium	NELAP	0.0007	0.0015		**0.0039**	mg/L	5	01/24/2025 18:25	233831
Cobalt	NELAP	0.0001	0.0010		**0.0015**	mg/L	5	01/24/2025 18:25	233831
Lead	NELAP	0.0006	0.0010		**0.0020**	mg/L	5	01/24/2025 18:25	233831
Lithium	*	0.0015	0.0030		**0.0212**	mg/L	5	01/24/2025 18:25	233831
Molybdenum	NELAP	0.0006	0.0015	J	**0.0014**	mg/L	5	01/24/2025 18:25	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 18:25	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 18:25	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:28	233858

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Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-016 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.99**	ft	1	01/22/2025 13:32	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	01/22/2025 13:32	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**92**	mV	1	01/22/2025 13:32	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2090**	µS/cm	1	01/22/2025 13:32	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	01/22/2025 13:32	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.08**	mg/L	1	01/22/2025 13:32	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.74**		1	01/22/2025 13:32	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**748**	mg/L	1	01/23/2025 12:11	R359249
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**10**	mg/L	1	01/23/2025 12:11	R359249
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1410**	mg/L	1	01/23/2025 13:05	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.55**	mg/L	10	01/23/2025 21:03	R359271
Chloride	NELAP	1.00	5.00		**161**	mg/L	10	01/23/2025 21:03	R359271
Sulfate	NELAP	3.00	10.0		**178**	mg/L	10	01/23/2025 21:03	R359271
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**11.1**	mg/L	1	01/24/2025 15:48	233790
Magnesium	NELAP	0.0055	0.0500		**4.36**	mg/L	1	01/24/2025 15:48	233790
Potassium	NELAP	0.0400	0.100		**2.16**	mg/L	1	01/24/2025 15:48	233790
Sodium	NELAP	0.180	0.500	S	**556**	mg/L	10	01/28/2025 13:28	233790
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Arsenic	NELAP	0.0004	0.0010		**0.0026**	mg/L	5	01/27/2025 8:58	233790
Barium	NELAP	0.0007	0.0010		**0.0175**	mg/L	5	01/27/2025 8:58	233790
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Boron	NELAP	0.0092	0.0250		**1.82**	mg/L	5	01/24/2025 17:12	233790
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Chromium	NELAP	0.0007	0.0015	J	**0.0008**	mg/L	5	01/24/2025 10:44	233790
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Lithium	*	0.0015	0.0030		**0.0962**	mg/L	5	01/24/2025 10:44	233790
Molybdenum	NELAP	0.0006	0.0015	J	**0.0010**	mg/L	5	01/24/2025 10:44	233790
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 10:44	233790
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 10:44	233790
LCS recovered outside upper control limits for Cd. 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	01/24/2025 11:34	233801

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-017 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**20.39**	ft	1	01/22/2025 13:38	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**36**	NTU	1	01/22/2025 13:38	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-124**	mV	1	01/22/2025 13:38	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**540**	µS/cm	1	01/22/2025 13:38	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.1**	°C	1	01/22/2025 13:38	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.51**	mg/L	1	01/22/2025 13:38	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.47**		1	01/22/2025 13:38	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**360**	mg/L	1	01/23/2025 13:12	R359249
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/23/2025 13:12	R359249
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**542**	mg/L	1	01/23/2025 13:05	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.46**	mg/L	10	01/23/2025 13:05	R359271
Chloride	NELAP	1.00	5.00		**15.8**	mg/L	10	01/23/2025 13:05	R359271
Sulfate	NELAP	3.00	10.0		**60.8**	mg/L	10	01/23/2025 13:05	R359271
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**47.5**	mg/L	1	01/24/2025 15:50	233790
Magnesium	NELAP	0.0055	0.0500		**21.9**	mg/L	1	01/24/2025 15:50	233790
Potassium	NELAP	0.0400	0.100		**5.18**	mg/L	1	01/24/2025 15:50	233790
Sodium	NELAP	0.0180	0.0500		**141**	mg/L	1	01/24/2025 15:50	233790
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 11:33	233790
Arsenic	NELAP	0.0004	0.0010		**0.0020**	mg/L	5	01/24/2025 15:28	233790
Barium	NELAP	0.0007	0.0010		**0.125**	mg/L	5	01/24/2025 15:28	233790
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 15:28	233790
Boron	NELAP	0.0092	0.0250		**1.25**	mg/L	5	01/24/2025 15:28	233790
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 15:28	233790
Chromium	NELAP	0.0007	0.0015	J	**0.0013**	mg/L	5	01/24/2025 15:28	233790
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	01/24/2025 15:28	233790
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	01/24/2025 15:28	233790
Lithium	*	0.0015	0.0030		**0.0575**	mg/L	5	01/24/2025 15:28	233790
Molybdenum	NELAP	0.0006	0.0015		**0.0069**	mg/L	5	01/24/2025 15:28	233790
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 15:28	233790
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 11:33	233790
LCS recovered outside upper control limits for Cd. 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	01/24/2025 11:40	233801

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-018 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**1.43**	ft	1	01/27/2025 9:55	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.8**	NTU	1	01/27/2025 9:55	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**9**	mV	1	01/27/2025 9:55	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**660**	µS/cm	1	01/27/2025 9:55	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.1**	°C	1	01/27/2025 9:55	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.68**	mg/L	1	01/27/2025 9:55	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.38**		1	01/27/2025 9:55	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**123**	mg/L	1	01/28/2025 9:36	R359451
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/28/2025 9:36	R359451
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1010**	mg/L	1	01/28/2025 12:14	R359518
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.89**	mg/L	10	01/28/2025 18:39	R359470
Chloride	NELAP	1.00	5.00		**526**	mg/L	10	01/28/2025 18:39	R359470
Sulfate	NELAP	3.00	10.0		**13.1**	mg/L	10	01/28/2025 18:39	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**86.7**	mg/L	1	01/28/2025 16:34	233949
Magnesium	NELAP	0.0055	0.0500		**27.6**	mg/L	1	01/28/2025 16:34	233949
Potassium	NELAP	0.0400	0.100		**7.60**	mg/L	1	01/28/2025 16:34	233949
Sodium	NELAP	0.0180	0.0500	B	**224**	mg/L	1	01/28/2025 16:34	233949
Sample result for Na exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0024**	mg/L	5	01/28/2025 14:18	233949
Arsenic	NELAP	0.0004	0.0010	J	**0.0007**	mg/L	5	01/28/2025 14:18	233949
Barium	NELAP	0.0007	0.0010	B	**0.165**	mg/L	5	01/29/2025 16:52	233949
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:18	233949
Boron	NELAP	0.0092	0.0250		**1.89**	mg/L	5	01/28/2025 14:18	233949
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:18	233949
Chromium	NELAP	0.0007	0.0015		**0.0034**	mg/L	5	01/28/2025 14:18	233949
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	01/28/2025 14:18	233949
Lead	NELAP	0.0006	0.0010		**0.0016**	mg/L	5	01/28/2025 14:18	233949
Lithium	*	0.0015	0.0030		**0.165**	mg/L	5	01/28/2025 14:18	233949
Molybdenum	NELAP	0.0006	0.0015		**0.0047**	mg/L	5	01/29/2025 16:52	233949
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 14:18	233949
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 14:18	233949
Sample result(s) for Ba exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/28/2025 14:59	233951

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-021 **Client Sample ID:** MW-358R

Matrix: GROUNDWATER **Collection Date:** 01/24/2025 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**31.68**	ft	1	01/24/2025 11:34	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**170**	NTU	1	01/24/2025 11:34	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**50**	mV	1	01/24/2025 11:34	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**4080**	µS/cm	1	01/24/2025 11:34	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	01/24/2025 11:34	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.02**	mg/L	1	01/24/2025 11:34	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.27**		1	01/24/2025 11:34	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**772**	mg/L	1	01/27/2025 9:39	R359379
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/27/2025 9:39	R359379
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**3020**	mg/L	1	01/27/2025 15:30	R359464
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.26**	mg/L	10	01/28/2025 18:50	R359470
Chloride	NELAP	1.00	5.00		**1330**	mg/L	10	01/28/2025 18:50	R359470
Sulfate	NELAP	3.00	10.0		**21.2**	mg/L	10	01/28/2025 18:50	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0520	0.100		**38.9**	mg/L	1	01/28/2025 15:31	233903
Magnesium	NELAP	0.0070	0.0500		**12.2**	mg/L	1	01/28/2025 15:31	233903
Potassium	NELAP	0.0400	0.100		**7.53**	mg/L	1	01/28/2025 15:31	233903
Sodium	NELAP	0.0180	0.0500	B	**1390**	mg/L	1	01/28/2025 15:31	233903
Sample result for Na exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	01/28/2025 16:43	233903
Arsenic	NELAP	0.0004	0.0010		**0.0023**	mg/L	5	01/28/2025 16:43	233903
Barium	NELAP	0.0007	0.0010		**0.195**	mg/L	5	01/28/2025 16:43	233903
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/29/2025 17:03	233903
Boron	NELAP	0.0092	0.0250		**1.30**	mg/L	5	01/29/2025 17:03	233903
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	01/28/2025 16:43	233903
Chromium	NELAP	0.0007	0.0015		**0.0040**	mg/L	5	01/28/2025 16:43	233903
Cobalt	NELAP	0.0001	0.0010	J	**0.0007**	mg/L	5	01/28/2025 16:43	233903
Lead	NELAP	0.0006	0.0010		**0.0013**	mg/L	5	01/28/2025 16:43	233903
Lithium	*	0.0015	0.0030		**0.0091**	mg/L	5	01/29/2025 17:03	233903
Molybdenum	NELAP	0.0006	0.0015		**0.0278**	mg/L	5	01/29/2025 17:03	233903
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:43	233903
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 16:43	233903
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/28/2025 15:06	233951

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-022 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**11.59**	ft	1	01/23/2025 10:05	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**28**	NTU	1	01/23/2025 10:05	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-49**	mV	1	01/23/2025 10:05	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**583**	µS/cm	1	01/23/2025 10:05	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	01/23/2025 10:05	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.34**	mg/L	1	01/23/2025 10:05	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**6.64**		1	01/23/2025 10:05	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**345**	mg/L	1	01/24/2025 12:12	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 12:12	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		**1660**	mg/L	1.25	01/23/2025 16:36	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50	J	**0.26**	mg/L	10	01/24/2025 21:09	R359272
Chloride	NELAP	1.00	5.00		**53.6**	mg/L	10	01/24/2025 21:09	R359272
Sulfate	NELAP	3.00	10.0		**802**	mg/L	10	01/24/2025 21:09	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**273**	mg/L	1	01/28/2025 19:05	233831
Magnesium	NELAP	0.0055	0.0500		**112**	mg/L	1	01/27/2025 17:28	233831
Potassium	NELAP	0.0400	0.100		**4.36**	mg/L	1	01/27/2025 17:28	233831
Sodium	NELAP	0.0200	0.0500		**70.8**	mg/L	1	01/28/2025 19:05	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0012**	mg/L	5	01/24/2025 19:44	233831
Arsenic	NELAP	0.0004	0.0010		**0.0012**	mg/L	5	01/24/2025 19:44	233831
Barium	NELAP	0.0007	0.0010		**0.0375**	mg/L	5	01/24/2025 19:44	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 19:44	233831
Boron	NELAP	0.0092	0.0250		**3.93**	mg/L	5	01/24/2025 19:44	233831
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	01/24/2025 19:44	233831
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	01/24/2025 19:44	233831
Cobalt	NELAP	0.0001	0.0010		**0.0034**	mg/L	5	01/24/2025 19:44	233831
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 19:44	233831
Lithium	*	0.0015	0.0030		**0.0122**	mg/L	5	01/24/2025 19:44	233831
Molybdenum	NELAP	0.0006	0.0015		**0.0027**	mg/L	5	01/24/2025 19:44	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 19:44	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 19:44	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:32	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-025 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**32.99**	ft	1	01/23/2025 10:52	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**31**	NTU	1	01/23/2025 10:52	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-110**	mV	1	01/23/2025 10:52	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**610**	µS/cm	1	01/23/2025 10:52	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.9**	°C	1	01/23/2025 10:52	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.39**	mg/L	1	01/23/2025 10:52	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.83**		1	01/23/2025 10:52	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**586**	mg/L	1	01/24/2025 12:43	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 12:43	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**952**	mg/L	1	01/23/2025 16:43	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.94**	mg/L	10	01/24/2025 21:44	R359272
Chloride	NELAP	1.00	5.00		**86.7**	mg/L	10	01/24/2025 21:44	R359272
Sulfate	NELAP	3.00	10.0		**70.3**	mg/L	10	01/24/2025 21:44	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**13.0**	mg/L	1	01/28/2025 19:17	233831
Magnesium	NELAP	0.0055	0.0500		**5.85**	mg/L	1	01/27/2025 17:33	233831
Potassium	NELAP	0.0400	0.100		**4.17**	mg/L	1	01/27/2025 17:33	233831
Sodium	NELAP	0.0180	0.0500		**380**	mg/L	1	01/28/2025 19:17	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	01/24/2025 20:03	233831
Arsenic	NELAP	0.0004	0.0010		**0.0036**	mg/L	5	01/24/2025 20:03	233831
Barium	NELAP	0.0007	0.0010		**0.0346**	mg/L	5	01/24/2025 20:03	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:03	233831
Boron	NELAP	0.0092	0.0250		**1.84**	mg/L	5	01/24/2025 20:03	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:03	233831
Chromium	NELAP	0.0007	0.0015	J	**0.0010**	mg/L	5	01/24/2025 20:03	233831
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	01/24/2025 20:03	233831
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:03	233831
Lithium	*	0.0015	0.0030		**0.102**	mg/L	5	01/24/2025 20:03	233831
Molybdenum	NELAP	0.0006	0.0015		**0.0227**	mg/L	5	01/24/2025 20:03	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:03	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 20:03	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:44	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-026 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.61**	ft	1	01/23/2025 13:04	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**18**	NTU	1	01/23/2025 13:04	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-69**	mV	1	01/23/2025 13:04	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1950**	µS/cm	1	01/23/2025 13:04	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.3**	°C	1	01/23/2025 13:04	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.20**	mg/L	1	01/23/2025 13:04	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.06**		1	01/23/2025 13:04	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**416**	mg/L	1	01/24/2025 12:51	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 12:51	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**642**	mg/L	1	01/23/2025 16:43	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.09**	mg/L	10	01/24/2025 21:56	R359272
Chloride	NELAP	1.00	5.00		**90.6**	mg/L	10	01/24/2025 21:56	R359272
Sulfate	NELAP	3.00	10.0		**33.9**	mg/L	10	01/24/2025 21:56	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**58.7**	mg/L	1	01/28/2025 19:19	233831
Magnesium	NELAP	0.0055	0.0500		**39.2**	mg/L	1	01/27/2025 17:34	233831
Potassium	NELAP	0.0400	0.100		**3.73**	mg/L	1	01/27/2025 17:34	233831
Sodium	NELAP	0.0180	0.0500		**137**	mg/L	1	01/28/2025 19:19	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	01/24/2025 20:09	233831
Barium	NELAP	0.0007	0.0010		**0.0591**	mg/L	5	01/24/2025 20:09	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Boron	NELAP	0.0092	0.0250		**1.88**	mg/L	5	01/24/2025 20:09	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	01/24/2025 20:09	233831
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Lithium	*	0.0015	0.0030		**0.0699**	mg/L	5	01/24/2025 20:09	233831
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	01/24/2025 20:09	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 20:09	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 20:09	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:46	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-028 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**19.95**	ft	1	01/23/2025 12:29	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**45**	NTU	1	01/23/2025 12:29	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-86**	mV	1	01/23/2025 12:29	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**901**	µS/cm	1	01/23/2025 12:29	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.2**	°C	1	01/23/2025 12:29	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.30**	mg/L	1	01/23/2025 12:29	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.61**		1	01/23/2025 12:29	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**558**	mg/L	1	01/24/2025 13:08	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 13:08	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**936**	mg/L	1	01/23/2025 16:44	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.61**	mg/L	10	01/24/2025 22:54	R359272
Chloride	NELAP	1.00	5.00		**39.1**	mg/L	10	01/24/2025 22:54	R359272
Sulfate	NELAP	3.00	10.0		**153**	mg/L	10	01/24/2025 22:54	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**19.7**	mg/L	1	01/28/2025 19:22	233831
Magnesium	NELAP	0.0055	0.0500		**7.36**	mg/L	1	01/27/2025 17:45	233831
Potassium	NELAP	0.0400	0.100		**2.30**	mg/L	1	01/27/2025 17:45	233831
Sodium	NELAP	0.0180	0.0500		**344**	mg/L	1	01/28/2025 19:22	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	01/24/2025 22:54	233831
Barium	NELAP	0.0007	0.0010		**0.0433**	mg/L	5	01/24/2025 22:54	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Boron	NELAP	0.0092	0.0250		**1.42**	mg/L	5	01/24/2025 22:54	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	01/24/2025 22:54	233831
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Lithium	*	0.0015	0.0030		**0.0371**	mg/L	5	01/24/2025 22:54	233831
Molybdenum	NELAP	0.0006	0.0015		**0.0088**	mg/L	5	01/24/2025 22:54	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 22:54	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 22:54	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:51	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-029 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.97**	ft	1	01/23/2025 11:55	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**52**	NTU	1	01/23/2025 11:55	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-84**	mV	1	01/23/2025 11:55	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1230**	µS/cm	1	01/23/2025 11:55	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	01/23/2025 11:55	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.42**	mg/L	1	01/23/2025 11:55	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.80**		1	01/23/2025 11:55	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**573**	mg/L	1	01/24/2025 13:15	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 13:15	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1550**	mg/L	1	01/23/2025 16:44	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**3.52**	mg/L	10	01/24/2025 23:06	R359272
Chloride	NELAP	1.00	5.00		**550**	mg/L	10	01/24/2025 23:06	R359272
Sulfate	NELAP	3.00	10.0		**30.1**	mg/L	10	01/24/2025 23:06	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**17.1**	mg/L	1	01/28/2025 19:24	233831
Magnesium	NELAP	0.0055	0.0500		**6.76**	mg/L	1	01/27/2025 17:47	233831
Potassium	NELAP	0.0400	0.100		**2.69**	mg/L	1	01/27/2025 17:47	233831
Sodium	NELAP	0.0180	0.0500		**632**	mg/L	1	01/28/2025 19:24	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Barium	NELAP	0.0007	0.0010		**0.0574**	mg/L	5	01/24/2025 23:00	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Boron	NELAP	0.0092	0.0250		**1.62**	mg/L	5	01/24/2025 23:00	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Chromium	NELAP	0.0007	0.0015		**0.0019**	mg/L	5	01/24/2025 23:00	233831
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	01/24/2025 23:00	233831
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Lithium	*	0.0015	0.0030		**0.0470**	mg/L	5	01/24/2025 23:00	233831
Molybdenum	NELAP	0.0006	0.0015		**0.0122**	mg/L	5	01/24/2025 23:00	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 23:00	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 23:00	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:53	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-030 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.25**	ft	1	01/23/2025 9:24	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.7**	NTU	1	01/23/2025 9:24	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**-72**	mV	1	01/23/2025 9:24	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1110**	µS/cm	1	01/23/2025 9:24	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.0**	°C	1	01/23/2025 9:24	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.44**	mg/L	1	01/23/2025 9:24	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.22**		1	01/23/2025 9:24	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**414**	mg/L	1	01/24/2025 13:24	R359304
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/24/2025 13:24	R359304
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**756**	mg/L	1	01/23/2025 16:44	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**0.98**	mg/L	10	01/24/2025 23:17	R359272
Chloride	NELAP	1.00	5.00		**68.1**	mg/L	10	01/24/2025 23:17	R359272
Sulfate	NELAP	3.00	10.0		**124**	mg/L	10	01/24/2025 23:17	R359272
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**78.3**	mg/L	1	01/28/2025 19:25	233831
Magnesium	NELAP	0.0055	0.0500		**38.7**	mg/L	1	01/27/2025 17:48	233831
Potassium	NELAP	0.0400	0.100		**3.95**	mg/L	1	01/27/2025 17:48	233831
Sodium	NELAP	0.0180	0.0500		**136**	mg/L	1	01/28/2025 19:25	233831
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/25/2025 0:26	233831
Arsenic	NELAP	0.0004	0.0010		**0.0013**	mg/L	5	01/25/2025 0:26	233831
Barium	NELAP	0.0007	0.0010		**0.0375**	mg/L	5	01/25/2025 0:26	233831
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/25/2025 0:26	233831
Boron	NELAP	0.0092	0.0250		**0.726**	mg/L	5	01/27/2025 8:52	233831
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/25/2025 0:26	233831
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	01/25/2025 0:26	233831
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	01/25/2025 0:26	233831
Lead	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	01/25/2025 0:26	233831
Lithium	*	0.0015	0.0030		**0.0319**	mg/L	5	01/25/2025 0:26	233831
Molybdenum	NELAP	0.0006	0.0015		**0.0029**	mg/L	5	01/25/2025 0:26	233831
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/25/2025 0:26	233831
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/25/2025 0:26	233831
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/24/2025 19:55	233858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-031 **Client Sample ID:** MW-391R

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**Dry**	ft	1	01/22/2025 0:00	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**Dry**	NTU	1	01/22/2025 0:00	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**Dry**	mV	1	01/22/2025 0:00	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**Dry**	µS/cm	1	01/22/2025 0:00	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**Dry**	°C	1	01/22/2025 0:00	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**Dry**	mg/L	1	01/22/2025 0:00	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**Dry**		1	01/22/2025 0:00	R359614

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-045 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 01/27/2025 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**2**	mg/L	1	01/28/2025 10:24	R359451
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/28/2025 10:24	R359451
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	01/28/2025 12:14	R359518
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**ND**	mg/L	10	01/28/2025 20:47	R359470
Chloride	NELAP	1.00	5.00		**ND**	mg/L	10	01/28/2025 20:47	R359470
Sulfate	NELAP	3.00	10.0		**ND**	mg/L	10	01/28/2025 20:47	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	01/28/2025 16:55	233949
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	01/28/2025 16:55	233949
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	01/28/2025 16:55	233949
Sodium	NELAP	0.0180	0.0500	B	**< 0.0500**	mg/L	1	01/28/2025 16:55	233949
Contamination present in the MBLK for Na. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	02/03/2025 8:17	233949
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Boron	NELAP	0.0092	0.0250		**< 0.0250**	mg/L	5	01/30/2025 11:59	233949
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	01/28/2025 16:54	233949
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	01/30/2025 11:59	233949
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	01/30/2025 11:59	233949
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/28/2025 16:54	233949
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 16:54	233949
CCV recovered outside the upper control limits for Be. 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	01/28/2025 15:22	233951

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-048 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.99**	ft	1	01/22/2025 13:32	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	01/22/2025 13:32	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**92**	mV	1	01/22/2025 13:32	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2090**	µS/cm	1	01/22/2025 13:32	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.9**	°C	1	01/22/2025 13:32	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.08**	mg/L	1	01/22/2025 13:32	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.74**		1	01/22/2025 13:32	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**804**	mg/L	1	01/23/2025 13:26	R359249
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/23/2025 13:26	R359249
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1470**	mg/L	1	01/23/2025 13:07	R359240
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.56**	mg/L	10	01/23/2025 14:15	R359271
Chloride	NELAP	1.00	5.00		**161**	mg/L	10	01/23/2025 14:15	R359271
Sulfate	NELAP	3.00	10.0		**179**	mg/L	10	01/23/2025 14:15	R359271
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**11.0**	mg/L	1	01/24/2025 15:58	233790
Magnesium	NELAP	0.0055	0.0500		**4.31**	mg/L	1	01/24/2025 15:58	233790
Potassium	NELAP	0.0400	0.100		**2.27**	mg/L	1	01/24/2025 15:58	233790
Sodium	NELAP	0.180	0.500		**544**	mg/L	10	01/28/2025 13:33	233790
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Arsenic	NELAP	0.0004	0.0010		**0.0043**	mg/L	5	01/24/2025 16:53	233790
Barium	NELAP	0.0007	0.0010		**0.0278**	mg/L	5	01/24/2025 16:53	233790
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Boron	NELAP	0.0092	0.0250		**2.56**	mg/L	5	01/24/2025 16:53	233790
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Chromium	NELAP	0.0007	0.0015	J	**0.0013**	mg/L	5	01/24/2025 16:53	233790
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Lithium	*	0.0015	0.0030		**0.125**	mg/L	5	01/24/2025 16:53	233790
Molybdenum	NELAP	0.0006	0.0015	J	**0.0012**	mg/L	5	01/24/2025 16:53	233790
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	01/24/2025 16:53	233790
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/24/2025 16:53	233790
LCS recovered outside upper control limits for Cd. 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	01/24/2025 11:59	233801

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

Lab ID: 25010181-049 **Client Sample ID:** MW-358R Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/24/2025 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**31.68**	ft	1	01/24/2025 11:34	R359614
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**170**	NTU	1	01/24/2025 11:34	R359614
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		**50**	mV	1	01/24/2025 11:34	R359614
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**4080**	µS/cm	1	01/24/2025 11:34	R359614
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.7**	°C	1	01/24/2025 11:34	R359614
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.02**	mg/L	1	01/24/2025 11:34	R359614
SW-846 9040B FIELD									
pH	*	0	1.00		**7.27**		1	01/24/2025 11:34	R359614
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**797**	mg/L	1	01/27/2025 9:22	R359379
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	01/27/2025 9:22	R359379
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**3030**	mg/L	1	01/27/2025 15:31	R359464
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.20	0.50		**1.23**	mg/L	10	01/28/2025 21:10	R359470
Chloride	NELAP	1.00	5.00		**1330**	mg/L	10	01/28/2025 21:10	R359470
Sulfate	NELAP	3.00	10.0		**23.3**	mg/L	10	01/28/2025 21:10	R359470
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0520	0.100		**38.1**	mg/L	1	01/28/2025 15:33	233903
Magnesium	NELAP	0.0070	0.0500		**12.0**	mg/L	1	01/28/2025 15:33	233903
Potassium	NELAP	0.0400	0.100		**7.32**	mg/L	1	01/28/2025 15:33	233903
Sodium	NELAP	0.0180	0.0500	B	**1350**	mg/L	1	01/28/2025 15:33	233903
Sample result for Na exceeds 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	01/28/2025 16:49	233903
Arsenic	NELAP	0.0004	0.0010		**0.0031**	mg/L	5	01/28/2025 16:49	233903
Barium	NELAP	0.0007	0.0010		**0.264**	mg/L	5	01/28/2025 16:49	233903
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	01/29/2025 17:09	233903
Boron	NELAP	0.0092	0.0250		**1.22**	mg/L	5	01/29/2025 17:09	233903
Cadmium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	01/28/2025 16:49	233903
Chromium	NELAP	0.0007	0.0015		**0.0039**	mg/L	5	01/28/2025 16:49	233903
Cobalt	NELAP	0.0001	0.0010	J	**0.0007**	mg/L	5	01/29/2025 17:09	233903
Lead	NELAP	0.0006	0.0010		**0.0014**	mg/L	5	01/28/2025 16:49	233903
Lithium	*	0.0015	0.0030		**0.0081**	mg/L	5	01/29/2025 17:09	233903
Molybdenum	NELAP	0.0006	0.0015		**0.0267**	mg/L	5	01/29/2025 17:09	233903
Selenium	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	01/28/2025 16:49	233903
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	01/28/2025 16:49	233903
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	01/28/2025 15:35	233951

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010181
Report Date: 04-Mar-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25010181-003	MW-150	Groundwater	4	01/22/2025 14:24
25010181-004	MW-151	Groundwater	4	01/23/2025 13:27
25010181-005	MW-152	Groundwater	4	01/27/2025 10:42
25010181-006	MW-153	Groundwater	4	01/23/2025 10:07
25010181-014	MW-252	Groundwater	4	01/27/2025 10:16
25010181-015	MW-253R	Groundwater	4	01/23/2025 10:36
25010181-016	MW-304	Groundwater	4	01/22/2025 13:32
25010181-017	MW-350R	Groundwater	4	01/22/2025 13:38
25010181-018	MW-352	Groundwater	4	01/27/2025 9:55
25010181-021	MW-358R	Groundwater	2	01/24/2025 11:34
25010181-022	MW-366	Groundwater	2	01/23/2025 10:05
25010181-025	MW-375	Groundwater	2	01/23/2025 10:52
25010181-026	MW-377	Groundwater	2	01/23/2025 13:04
25010181-028	MW-383	Groundwater	2	01/23/2025 12:29
25010181-029	MW-384	Groundwater	2	01/23/2025 11:55
25010181-030	MW-390	Groundwater	2	01/23/2025 9:24
25010181-031	MW-391R	Groundwater	2	01/22/2025 0:00
25010181-045	Field Blank	Aqueous	4	01/27/2025 13:00
25010181-048	MW-304 Duplicate	Groundwater	4	01/22/2025 13:32
25010181-049	MW-358R Duplicate	Groundwater	2	01/24/2025 11:34

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

STANDARD METHODS 2510 B FIELD

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/22/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.6	90	110	01/22/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-1-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	01/22/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.6	90	110	01/23/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	01/23/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-2-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	01/24/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-BG

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.5	90	110	01/27/2025

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.1	90	110	01/27/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

STANDARD METHODS 2510 B FIELD

Batch R359614 **SampType:** LCS Units **µS/cm**
SampID: LCS-3-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	01/27/2025

SW-846 9040B FIELD

Batch R359614 **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		**7.03**	7.000	0	100.4	98.57	101.4	01/22/2025

Batch R359614 **SampType:** LCS Units
SampID: LCS-1-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**6.97**	7.000	0	99.6	98.57	101.4	01/22/2025

Batch R359614 **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	01/22/2025

Batch R359614 **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		**7.00**	7.000	0	100.0	98.57	101.4	01/23/2025

Batch R359614 **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		**7.01**	7.000	0	100.1	98.57	101.4	01/23/2025

Batch R359614 **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	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW-846 9040B FIELD

Batch R359614 **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		**7.00**	7.000	0	100.0	98.57	101.4	01/27/2025

Batch R359614 **SampType:** LCS Units

SampID: LCS-3-JC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	01/27/2025

Batch R359614 **SampType:** LCS Units

SampID: LCS-3-TC

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.07**	7.000	0	101.0	98.57	101.4	01/27/2025

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359240 **SampType:** MBLK Units **mg/L**

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/23/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/23/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/22/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/23/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/23/2025

Batch R359240 **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		**904**	1000	0	90.4	90	110	01/22/2025
Total Dissolved Solids		20		**930**	1000	0	93.0	90	110	01/23/2025
Total Dissolved Solids		20		**956**	1000	0	95.6	90	110	01/23/2025
Total Dissolved Solids		20		**976**	1000	0	97.6	90	110	01/23/2025
Total Dissolved Solids		20		**908**	1000	0	90.8	90	110	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**

SampID: 25010181-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**602**				626.0	3.91	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-020ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**672**				652.0	3.02	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-050ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1930**				1922	0.62	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24121807-075ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**3950**				3960	0.20	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010791-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1070**				1118	4.39	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011014-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**234**				224.0	4.37	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011014-002BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**412**				410.0	0.49	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011014-005BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**600**				600.0	0.00	01/23/2025

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011225-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		33		**544**				554.4	1.82	01/22/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359240 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011425-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2270**				2366	4.05	01/23/2025

Batch R359340 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/24/2025

Batch R359340 **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		**930**	1000	0	93.0	90	110	01/24/2025

Batch R359340 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-019ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**620**				660.0	6.25	01/24/2025

Batch R359340 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011561-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		33		**605**				594.5	1.67	01/24/2025

Batch R359340 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011562-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		33		**548**				571.1	4.18	01/24/2025

Batch R359340 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011591-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		1000		**120000**				130300	8.23	01/24/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359464 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/27/2025
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/27/2025

Batch R359464 **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		**958**	1000	0	95.8	90	110	01/27/2025
Total Dissolved Solids		20		**972**	1000	0	97.2	90	110	01/27/2025

Batch R359464 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-011ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**1140**				1110	2.67	01/27/2025

Batch R359464 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-047ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**615**				600.0	2.47	01/27/2025

Batch R359464 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011584-001BDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		25		**882**				900.0	1.96	01/27/2025

Batch R359518 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	01/28/2025

Batch R359518 **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		**960**	1000	0	96.0	90	110	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R359518 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25010181-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		25		**932**				917.5	1.62	01/28/2025

Batch R359518 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 25011714-001CDUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**640**				652.0	1.86	01/28/2025

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

Batch R359170 **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	01/22/2025
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/22/2025

Batch R359170 **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		**0.29**	0.3045	0	94.9	90	110	01/22/2025
Nitrogen, Nitrite (as N)		0.05		**0.30**	0.3045	0	96.9	90	110	01/22/2025

Batch R359170 **SampType:** MS Units **mg/L**
SampID: 25011363-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.01800	87.0	85	115	01/22/2025

Batch R359170 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011363-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.45**	0.5000	0.01800	86.8	0.4530	0.22	01/22/2025

Batch R359233 **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	01/23/2025
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch R359233 **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		**0.28**	0.3045	0	93.3	90	110	01/23/2025
Nitrogen, Nitrite (as N)		0.05		**0.29**	0.3045	0	93.9	90	110	01/23/2025

Batch R359233 **SampType:** MS Units **mg/L**
SampID: 25011495-001BMS

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	94.2	85	115	01/23/2025

Batch R359233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011495-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0	94.0	0.4710	0.21	01/23/2025

Batch R359233 **SampType:** MS Units **mg/L**
SampID: 25011495-011BMS

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	01/23/2025

Batch R359233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011495-011BMSD

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	96.6	0.4820	0.21	01/23/2025

Batch R359233 **SampType:** MS Units **mg/L**
SampID: 25011501-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.50		**4.37**	5.000	0	87.4	85	115	01/23/2025

Batch R359233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011501-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.50		**4.42**	5.000	0	88.4	4.370	1.14	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch R359233 **SampType:** MS Units **mg/L**
SampID: 25011561-001AMS

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	93.8	85	115	01/23/2025

Batch R359233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011561-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0	93.0	0.4690	0.86	01/23/2025

Batch R359233 **SampType:** MS Units **mg/L**
SampID: 25011562-001AMS

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	93.2	85	115	01/23/2025

Batch R359233 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011562-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0	92.4	0.4660	0.86	01/23/2025

Batch R359373 **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	01/27/2025
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	01/27/2025

Batch R359373 **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		**0.30**	0.3045	0	96.9	90	110	01/27/2025
Nitrogen, Nitrite (as N)		0.05		**0.28**	0.3045	0	90.6	90	110	01/27/2025

Batch R359373 **SampType:** MS Units **mg/L**
SampID: 25011657-001AMS

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	100.2	85	115	01/27/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch R359373 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011657-001AMSD

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	96.8	0.5010	3.45	01/27/2025

Batch R359373 **SampType:** MS Units **mg/L**
SampID: 25011681-002AMS

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	0.02800	95.4	85	115	01/27/2025

Batch R359373 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011681-002AMSD

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	0.02800	94.8	0.5050	0.60	01/27/2025

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Batch R359246 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/22/2025
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/22/2025

Batch R359246 **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		**0.490**	0.5000	0	98.0	90	110	01/22/2025

Batch R359246 **SampType:** MS Units **mg/L**
SampID: 25010985-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	S	**32.6**	12.50	18.23	114.9	90	110	01/23/2025

Batch R359246 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25010985-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	S	**32.1**	12.50	18.23	110.8	32.59	1.59	01/23/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch R359246 **SampType:** MS Units **mg/L**
SampID: 25011104-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	S	**30.8**	12.50	15.94	119.3	90	110	01/23/2025

Batch R359246 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011104-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50	S	**30.1**	12.50	15.94	113.4	30.84	2.42	01/23/2025

Batch R359246 **SampType:** MS Units **mg/L**
SampID: 25011363-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**25.2**	12.50	11.79	107.3	90	110	01/23/2025

Batch R359246 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011363-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**25.1**	12.50	11.79	106.4	25.20	0.47	01/23/2025

Batch R359295 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/23/2025
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/23/2025

Batch R359295 **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		**0.489**	0.5000	0	97.8	90	110	01/23/2025

Batch R359295 **SampType:** MS Units **mg/L**
SampID: 25011333-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**19.7**	5.000	14.31	107.9	90	110	01/23/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch R359295 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011333-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**19.7**	5.000	14.31	106.8	19.71	0.28	01/23/2025

Batch R359295 **SampType:** MS Units **mg/L**
SampID: 25011373-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.46**	1.250	2.303	92.8	90	110	01/23/2025

Batch R359295 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011373-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**3.66**	1.250	2.303	108.5	3.463	5.50	01/23/2025

Batch R359295 **SampType:** MS Units **mg/L**
SampID: 25011561-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.237**	0.2500	0	94.8	85	115	01/23/2025

Batch R359295 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011561-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.229**	0.2500	0	91.6	0.2370	3.43	01/23/2025

Batch R359295 **SampType:** MS Units **mg/L**
SampID: 25011562-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.179**	0.2500	0	71.6	85	115	01/23/2025

Batch R359295 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011562-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.183**	0.2500	0	73.2	0.1790	2.21	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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Batch R359444 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate (as N)		0.050		**< 0.050**						01/27/2025
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	01/27/2025

Batch R359444 **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		**0.472**	0.5000	0	94.4	90	110	01/27/2025

Batch R359444 **SampType:** MS Units **mg/L**
SampID: 25011602-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.3**	5.000	11.03	106.2	90	110	01/27/2025

Batch R359444 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011602-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**16.3**	5.000	11.03	106.1	16.34	0.02	01/27/2025

Batch R359444 **SampType:** MS Units **mg/L**
SampID: 25011681-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**37.8**	12.50	26.44	90.9	90	110	01/27/2025

Batch R359444 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 25011681-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**39.1**	12.50	26.44	100.9	37.80	3.26	01/27/2025

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359271 **SampType:** MS Units **mg/L**
SampID: 25010181-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**255**	200.0	46.01	104.3	80	120	01/23/2025
Sulfate		10.0		**1090**	200.0	886.7	100.8	80	120	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**256**	200.0	46.01	104.9	254.6	0.51	01/23/2025
Sulfate		10.0		**1090**	200.0	886.7	101.1	1088	0.06	01/23/2025

Batch R359271 **SampType:** MS Units **mg/L**

SampID: 25010181-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**383**	200.0	161.4	110.6	80	120	01/23/2025
Sulfate		10.0		**374**	200.0	178.2	97.9	80	120	01/23/2025

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**380**	200.0	161.4	109.5	382.7	0.61	01/23/2025
Sulfate		10.0		**372**	200.0	178.2	96.9	374.0	0.52	01/23/2025

Batch R359271 **SampType:** MS Units **mg/L**

SampID: 25010181-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**220**	200.0	15.95	101.9	80	120	01/23/2025
Sulfate		10.0		**255**	200.0	66.80	93.9	80	120	01/23/2025

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**220**	200.0	15.95	102.0	219.7	0.13	01/23/2025
Sulfate		10.0		**255**	200.0	66.80	94.1	254.6	0.11	01/23/2025

Batch R359271 **SampType:** MS Units **mg/L**

SampID: 25010181-048BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**380**	200.0	161.9	109.0	80	120	01/23/2025
Sulfate		10.0		**372**	200.0	178.8	96.5	80	120	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-048BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**381**	200.0	161.9	109.3	379.9	0.18	01/23/2025
Sulfate		10.0		**372**	200.0	178.8	96.8	371.8	0.15	01/23/2025

Batch R359272 **SampType:** MS Units **mg/L**

SampID: 25010181-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**220**	200.0	14.32	102.9	80	120	01/24/2025
Sulfate		10.0		**330**	200.0	134.4	97.9	80	120	01/24/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**220**	200.0	14.32	102.8	220.1	0.09	01/24/2025
Sulfate		10.0		**329**	200.0	134.4	97.5	330.2	0.27	01/24/2025

Batch R359272 **SampType:** MS Units **mg/L**

SampID: 25010181-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**222**	200.0	16.44	102.9	80	120	01/24/2025
Sulfate		10.0		**249**	200.0	59.86	94.7	80	120	01/24/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 25010181-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**222**	200.0	16.44	102.6	222.3	0.28	01/24/2025
Sulfate		10.0		**249**	200.0	59.86	94.5	249.3	0.20	01/24/2025

Batch R359272 **SampType:** MS Units **mg/L**

SampID: 25011495-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		2.50		**110**	100.0	9.870	99.9	80	120	01/24/2025
Sulfate		5.00		**409**	100.0	306.5	102.9	80	120	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011495-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		2.50		**111**	100.0	9.870	100.8	109.7	0.87	01/24/2025
Sulfate		5.00		**410**	100.0	306.5	103.5	409.4	0.15	01/24/2025

Batch R359470 **SampType:** MS Units **mg/L**
SampID: 25010181-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**214**	200.0	11.84	100.8	80	120	01/28/2025
Sulfate		10.0		**520**	200.0	316.6	101.7	80	120	01/28/2025

Batch R359470 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**215**	200.0	11.84	101.5	213.5	0.67	01/28/2025
Sulfate		10.0		**521**	200.0	316.6	102.4	519.9	0.29	01/28/2025

Batch R359470 **SampType:** MS Units **mg/L**
SampID: 25010181-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		**244**	200.0	36.08	104.0	80	120	01/28/2025
Sulfate		10.0		**682**	200.0	472.2	105.1	80	120	01/28/2025

Batch R359470 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		5.00		**244**	200.0	36.08	104.0	244.1	0.03	01/28/2025
Sulfate		10.0		**679**	200.0	472.2	103.2	682.4	0.54	01/28/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359271 **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**						01/23/2025
Chloride		0.50		**ND**						01/23/2025
Sulfate		1.00		**ND**						01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359271 **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		**0.91**	1.000	0	91.1	90	110	01/23/2025
Chloride		0.50		**20.1**	20.00	0	100.5	90	110	01/23/2025
Sulfate		1.00		**18.4**	20.00	0	91.8	90	110	01/23/2025

Batch R359271 **SampType:** MS Units **mg/L**
SampID: 25011476-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.36**	10.00	0.2780	90.9	80	120	01/23/2025
Chloride		5.00		**214**	200.0	12.15	100.8	80	120	01/23/2025
Sulfate		10.0		**424**	200.0	227.4	98.4	80	120	01/23/2025

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011476-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.40**	10.00	0.2780	91.2	9.364	0.40	01/23/2025
Chloride		5.00		**215**	200.0	12.15	101.5	213.8	0.62	01/23/2025
Sulfate		10.0		**425**	200.0	227.4	98.8	424.3	0.19	01/23/2025

Batch R359271 **SampType:** MS Units **mg/L**
SampID: 25011484-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.46**	10.00	0.3300	91.3	80	120	01/23/2025
Chloride		5.00		**426**	200.0	207.7	109.0	80	120	01/23/2025
Sulfate		10.0		**189**	200.0	7.414	90.7	80	120	01/23/2025

Batch R359271 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011484-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.45**	10.00	0.3300	91.2	9.461	0.12	01/23/2025
Chloride		5.00		**425**	200.0	207.7	108.8	425.6	0.06	01/23/2025
Sulfate		10.0		**189**	200.0	7.414	90.9	188.8	0.23	01/23/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359272 **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**						01/24/2025
Chloride		0.50		**ND**						01/24/2025
Sulfate		1.00		**ND**						01/24/2025

Batch R359272 **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		**0.93**	1.000	0	92.9	90	110	01/24/2025
Chloride		0.50		**20.5**	20.00	0	102.5	90	110	01/24/2025
Sulfate		1.00		**18.7**	20.00	0	93.7	90	110	01/24/2025

Batch R359272 **SampType:** MS Units **mg/L**
SampID: 25011495-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		**4.52**	5.000	0.1150	88.1	80	120	01/24/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011495-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		**4.60**	5.000	0.1150	89.6	4.520	1.66	01/24/2025

Batch R359272 **SampType:** MS Units **mg/L**
SampID: 25011561-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.47**	10.00	0.2910	91.8	80	120	01/24/2025
Chloride		5.00		**236**	200.0	29.71	103.3	80	120	01/24/2025
Sulfate		10.0		**215**	200.0	29.16	92.8	80	120	01/24/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011561-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.55**	10.00	0.2910	92.6	9.473	0.77	01/24/2025
Chloride		5.00		**237**	200.0	29.71	103.8	236.3	0.44	01/24/2025
Sulfate		10.0		**216**	200.0	29.16	93.2	214.7	0.44	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R359272 **SampType:** MS Units **mg/L**
SampID: 25011562-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		**9.48**	10.00	0	94.8	80	120	01/24/2025
Chloride		5.00		**260**	200.0	48.73	105.6	80	120	01/24/2025
Sulfate		10.0		**221**	200.0	33.57	93.8	80	120	01/24/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011562-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		**9.52**	10.00	0	95.2	9.485	0.40	01/24/2025
Chloride		5.00		**261**	200.0	48.73	106.2	260.0	0.41	01/24/2025
Sulfate		10.0		**222**	200.0	33.57	94.1	221.3	0.25	01/24/2025

Batch R359272 **SampType:** MS Units **mg/L**
SampID: 25011584-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		1.00		**305**	40.00	270.5	86.6	80	120	01/25/2025
Sulfate		2.00		**37.4**	40.00	0	93.5	80	120	01/25/2025

Batch R359272 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011584-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		1.00		**306**	40.00	270.5	88.6	305.1	0.27	01/25/2025
Sulfate		2.00		**37.5**	40.00	0	93.8	37.39	0.29	01/25/2025

Batch R359470 **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**						01/28/2025
Chloride		0.50		**ND**						01/28/2025
Sulfate		1.00		**ND**						01/28/2025

Batch R359470 **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		**0.95**	1.000	0	95.5	90	110	01/28/2025
Chloride		0.50		**21.2**	20.00	0	106.0	90	110	01/28/2025
Sulfate		1.00		**19.4**	20.00	0	97.2	90	110	01/28/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233786 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233786

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	01/23/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/23/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/23/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/23/2025

Batch 233786 **SampType:** LCS Units **mg/L**
SampID: LCS-233786

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.64**	5.000	0	92.8	85	115	01/23/2025
Magnesium		0.0500		**4.82**	5.000	0	96.4	85	115	01/23/2025
Potassium		0.100		**4.93**	5.000	0	98.6	85	115	01/23/2025
Sodium		0.0500		**4.90**	5.000	0	98.0	85	115	01/23/2025

Batch 233786 **SampType:** MS Units **mg/L**
SampID: 25011343-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**364**	5.000	325.1	769.6	75	125	01/23/2025
Magnesium		0.0500	S	**155**	5.000	147.8	143.8	75	125	01/23/2025

Batch 233786 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25011343-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**378**	5.000	325.1	1059	363.6	3.91	01/23/2025
Magnesium		0.0500	S	**155**	5.000	147.8	141.4	155.0	0.08	01/23/2025

Batch 233790 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233790

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	01/24/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/24/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/24/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233790 **SampType:** LCS Units **mg/L**
SampID: LCS-233790

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.93**	5.000	0	98.6	85	115	01/24/2025
Magnesium		0.0500		**4.87**	5.000	0	97.3	85	115	01/24/2025
Potassium		0.100		**5.09**	5.000	0	101.8	85	115	01/24/2025
Sodium		0.0500		**5.25**	5.000	0	105.0	85	115	01/24/2025

Batch 233790 **SampType:** MS Units **mg/L**
SampID: 25010181-016CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**16.2**	5.000	11.09	103.0	75	125	01/24/2025
Magnesium		0.0500		**9.05**	5.000	4.357	93.8	75	125	01/24/2025
Potassium		0.100		**7.56**	5.000	2.161	108.0	75	125	01/24/2025
Sodium		0.500	S	**572**	5.000	556.3	312.0	75	125	01/28/2025

Batch 233790 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-016CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**16.4**	5.000	11.09	106.4	16.24	1.04	01/24/2025
Magnesium		0.0500		**9.17**	5.000	4.357	96.3	9.049	1.33	01/24/2025
Potassium		0.100		**7.62**	5.000	2.161	109.1	7.559	0.76	01/24/2025
Sodium		0.500	S	**560**	5.000	556.3	74.0	571.9	2.10	01/28/2025

Batch 233790 **SampType:** MS Units **mg/L**
SampID: 25010181-050BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**31.7**	5.000	27.65	81.8	75	125	01/24/2025
Magnesium		0.0500		**20.6**	5.000	16.71	77.1	75	125	01/24/2025
Potassium		1.00		**10.1**	5.000	4.460	113.3	75	125	01/28/2025
Sodium		0.500	S	**724**	5.000	723.7	8.0	75	125	01/28/2025

Batch 233790 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-050BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**31.9**	5.000	27.65	85.4	31.74	0.57	01/24/2025
Magnesium		0.0500		**20.8**	5.000	16.71	82.3	20.56	1.24	01/24/2025
Potassium		1.00		**10.0**	5.000	4.460	111.5	10.12	0.89	01/28/2025
Sodium		0.500	S	**717**	5.000	723.7	-138.0	724.1	1.01	01/28/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233831 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233831

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	01/27/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/27/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/27/2025
Sodium		0.0500	S	**0.108**	0.0180	0	601.1	-100	100	01/27/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/28/2025

Batch 233831 **SampType:** LCS Units **mg/L**
SampID: LCS-233831

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.29**	5.000	0	105.8	85	115	01/28/2025
Iron		0.0400		**4.44**	4.000	0	111.0	85	115	01/28/2025
Magnesium		0.0500		**4.95**	5.000	0	99.0	85	115	01/27/2025
Potassium		0.100		**5.42**	5.000	0	108.4	85	115	01/27/2025
Sodium		0.0500	B	**5.37**	5.000	0	107.4	85	115	01/27/2025
Sodium		0.0500		**5.41**	5.000	0	108.2	85	115	01/28/2025

Batch 233831 **SampType:** MS Units **mg/L**
SampID: 25011532-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**4.38**	4.000	0	109.5	75	125	01/28/2025

Batch 233831 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25011532-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**4.34**	4.000	0	108.5	4.380	0.92	01/28/2025

Batch 233831 **SampType:** MS Units **mg/L**
SampID: 25011561-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0400		**9.68**	4.000	5.050	115.8	75	125	01/28/2025

Batch 233831 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25011561-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron		0.0400		**9.57**	4.000	5.050	113.0	9.680	1.14	01/28/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233903 **SampType:** MBLK Units **mg/L**

SampID: MBLK-233903

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	01/28/2025
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	01/28/2025
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	01/28/2025
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	01/28/2025
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	01/28/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/28/2025
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	01/28/2025
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	01/28/2025
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	01/28/2025
Lead		0.0150		**< 0.0150**	0.0040	0	0	-100	100	01/28/2025
Lithium	*	0.0500		**< 0.0500**	0.0019	0	0	-100	100	01/28/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/28/2025
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	01/28/2025
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	01/28/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/28/2025
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	01/28/2025
Sodium		0.0500	S	**0.0682**	0.0180	0	378.9	-100	100	01/28/2025
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233903 **SampType:** LCS Units **mg/L**
SampID: LCS-233903

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**1.01**	1.000	0	100.5	85	115	01/28/2025
Arsenic		0.0250		**0.979**	1.000	0	97.9	85	115	01/28/2025
Barium		0.0025		**3.89**	4.000	0	97.2	85	115	01/28/2025
Beryllium		0.0005		**0.0990**	0.1000	0	99.0	85	115	01/28/2025
Cadmium		0.0020		**0.0932**	0.1000	0	93.2	85	115	01/28/2025
Calcium		0.100		**4.96**	5.000	0	99.2	85	115	01/28/2025
Chromium		0.0050		**0.396**	0.4000	0	98.9	85	115	01/28/2025
Cobalt		0.0050		**1.02**	1.000	0	101.6	85	115	01/28/2025
Iron		0.0400		**4.11**	4.000	0	102.8	85	115	01/28/2025
Lead		0.0150		**0.972**	1.000	0	97.2	85	115	01/28/2025
Lithium	*	0.0500		**0.910**	1.000	0	91.0	85	115	01/28/2025
Magnesium		0.0500		**4.63**	5.000	0	92.6	85	115	01/28/2025
Manganese		0.0070		**0.974**	1.000	0	97.4	85	115	01/28/2025
Molybdenum		0.0100		**0.976**	1.000	0	97.6	85	115	01/28/2025
Potassium		0.100		**5.10**	5.000	0	101.9	85	115	01/28/2025
Selenium		0.0400		**0.967**	1.000	0	96.7	85	115	01/28/2025
Sodium		0.0500	B	**5.11**	5.000	0	102.2	85	115	01/28/2025
Thallium		0.0500		**0.481**	0.5000	0	96.2	85	115	01/28/2025

Batch 233903 **SampType:** MS Units **mg/L**
SampID: 25011604-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**7.39**	4.000	3.340	101.2	75	125	01/28/2025

Batch 233903 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25011604-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		0.0025		**7.22**	4.000	3.340	97.0	7.390	2.33	01/28/2025

Batch 233933 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233933

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	01/28/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/28/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/28/2025
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233933 **SampType:** LCS Units **mg/L**
SampID: LCS-233933

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.02**	5.000	0	100.4	85	115	01/28/2025
Magnesium		0.0500		**4.92**	5.000	0	98.3	85	115	01/28/2025
Potassium		0.100		**5.24**	5.000	0	104.9	85	115	01/28/2025
Sodium		0.0500		**5.21**	5.000	0	104.2	85	115	01/28/2025

Batch 233949 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	01/28/2025
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	01/28/2025
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	01/28/2025
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	01/28/2025
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	01/28/2025
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	01/28/2025
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	01/28/2025
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	01/28/2025
Lithium		0.0500		**< 0.0500**	0.0019	0	0	-100	100	01/28/2025
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	01/28/2025
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	01/28/2025
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	01/28/2025
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	01/28/2025
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	01/28/2025
Sodium		0.0500	S	**0.0952**	0.0180	0	528.9	-100	100	01/28/2025
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233949 **SampType:** LCS Units **mg/L**
SampID: LCS-233949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		0.0025		**3.91**	4.000	0	97.8	85	115	01/28/2025
Beryllium		0.0005		**0.102**	0.1000	0	101.6	85	115	01/28/2025
Cadmium		0.0020		**0.0930**	0.1000	0	93.0	85	115	01/28/2025
Calcium		0.100		**5.03**	5.000	0	100.6	85	115	01/28/2025
Chromium		0.0050		**0.404**	0.4000	0	100.9	85	115	01/28/2025
Cobalt		0.0050		**1.05**	1.000	0	105.3	85	115	01/28/2025
Iron		0.0400		**4.21**	4.000	0	105.2	85	115	01/28/2025
Lead		0.0150		**0.994**	1.000	0	99.4	85	115	01/28/2025
Lithium		0.0500		**0.949**	1.000	0	94.9	85	115	01/28/2025
Magnesium		0.0500		**4.73**	5.000	0	94.7	85	115	01/28/2025
Manganese		0.0070		**0.995**	1.000	0	99.5	85	115	01/28/2025
Molybdenum		0.0100		**0.999**	1.000	0	99.9	85	115	01/28/2025
Potassium		0.100		**5.23**	5.000	0	104.6	85	115	01/28/2025
Selenium		0.0400		**1.00**	1.000	0	100.0	85	115	01/28/2025
Sodium		0.0500	B	**5.23**	5.000	0	104.5	85	115	01/28/2025
Thallium		0.0500		**0.488**	0.5000	0	97.6	85	115	01/28/2025

Batch 233949 **SampType:** MS Units **mg/L**
SampID: 25010181-040BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**141**	5.000	161.8	-422.6	75	125	01/28/2025
Magnesium		0.0500	S	**55.6**	5.000	61.18	-112.0	75	125	01/28/2025
Potassium		0.100		**5.77**	5.000	0.5472	104.4	75	125	01/28/2025
Sodium		0.0500	BS	**43.5**	5.000	47.42	-78.2	75	125	01/28/2025

Batch 233949 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-040BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**141**	5.000	161.8	-413.4	140.7	0.33	01/28/2025
Magnesium		0.0500	S	**55.6**	5.000	61.18	-111.0	55.58	0.09	01/28/2025
Potassium		0.100		**5.75**	5.000	0.5472	104.0	5.770	0.36	01/28/2025
Sodium		0.0500	BS	**43.6**	5.000	47.42	-77.2	43.51	0.11	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233949 **SampType:** MS Units **mg/L**
SampID: 25010181-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**5.05**	5.000	0	101.0	75	125	01/28/2025
Magnesium		0.0500		**4.74**	5.000	0	94.7	75	125	01/28/2025
Potassium		0.100		**5.18**	5.000	0	103.7	75	125	01/28/2025
Sodium		0.0500	B	**5.17**	5.000	0	103.5	75	125	01/28/2025

Batch 233949 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**4.96**	5.000	0	99.2	5.050	1.77	01/28/2025
Magnesium		0.0500		**4.65**	5.000	0	93.0	4.737	1.87	01/28/2025
Potassium		0.100		**5.07**	5.000	0	101.3	5.183	2.28	01/28/2025
Sodium		0.0500	B	**5.05**	5.000	0	101.0	5.175	2.40	01/28/2025

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

Batch 233791 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233791

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	01/23/2025

Batch 233791 **SampType:** LCS Units **mg/L**
SampID: LCS-233791

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.909**	1.000	0	90.9	80	120	01/23/2025

Batch 233863 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233863

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	01/24/2025

Batch 233863 **SampType:** LCS Units **mg/L**
SampID: LCS-233863

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.978**	1.000	0	97.8	80	120	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233950 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233950

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	01/28/2025
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/28/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/28/2025

Batch 233950 **SampType:** LCS Units **mg/L**
SampID: LCS-233950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**0.914**	1.000	0	91.4	80	120	01/28/2025
Iron		0.0250		**3.42**	4.000	0	85.6	80	120	01/28/2025
Manganese		0.0020		**0.908**	1.000	0	90.8	80	120	01/28/2025

Batch 233950 **SampType:** MS Units **mg/L**
SampID: 25010181-014DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**1.06**	1.000	0.1644	89.9	75	125	01/28/2025

Batch 233950 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-014DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**1.06**	1.000	0.1644	89.5	1.064	0.43	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233786 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233786

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	01/23/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/23/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	01/23/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/23/2025
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/23/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/23/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/23/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/23/2025
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/23/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/23/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/23/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/23/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/23/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/23/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/23/2025

Batch 233786 **SampType:** LCS Units **mg/L**
SampID: LCS-233786

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010	SE	**1.27**	1.000	0	126.9	85	115	01/23/2025
Antimony		0.0010		**0.960**	1.000	0	96.0	80	120	01/24/2025
Arsenic		0.0010		**0.976**	1.000	0	97.6	85	115	01/23/2025
Barium		0.0010		**4.43**	4.000	0	110.8	80	120	01/24/2025
Beryllium		0.0010		**0.0990**	0.1000	0	99.0	85	115	01/23/2025
Boron	*	0.0250		**0.980**	1.000	0	98.0	85	115	01/23/2025
Cadmium		0.0010	S	**0.117**	0.1000	0	117.0	85	115	01/23/2025
Chromium		0.0015		**0.395**	0.4000	0	98.7	85	115	01/23/2025
Cobalt		0.0010		**0.934**	1.000	0	93.4	85	115	01/23/2025
Iron	*	0.0250		**3.88**	4.000	0	97.0	85	115	01/23/2025
Lead		0.0010	E	**0.976**	1.000	0	97.6	85	115	01/23/2025
Lithium	*	0.0030		**1.05**	1.000	0	105.2	85	115	01/23/2025
Manganese		0.0020		**0.984**	1.000	0	98.4	85	115	01/23/2025
Molybdenum		0.0015		**1.12**	1.000	0	111.9	85	115	01/23/2025
Selenium		0.0010		**0.984**	1.000	0	98.4	85	115	01/23/2025
Thallium		0.0020		**0.469**	0.5000	0	93.8	85	115	01/23/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233786 **SampType:** MS Units **mg/L**
SampID: 25011405-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cadmium		0.0010		**0.118**	0.1000	0	118.5	70	130	01/23/2025

Batch 233786 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25011405-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cadmium		0.0010		**0.112**	0.1000	0	111.8	0.1185	5.82	01/23/2025

Batch 233790 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233790

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	01/24/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/24/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	01/24/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/24/2025
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/24/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/24/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/24/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/24/2025
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/24/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/24/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/24/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/24/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/24/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/24/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/24/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233790 **SampType:** LCS Units **mg/L**
SampID: LCS-233790

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.01**	1.000	0	100.9	85	115	01/24/2025
Arsenic		0.0010		**1.01**	1.000	0	100.6	85	115	01/24/2025
Barium		0.0010		**4.55**	4.000	0	113.7	85	115	01/24/2025
Beryllium		0.0010		**0.0993**	0.1000	0	99.3	85	115	01/24/2025
Boron	*	0.0250		**0.976**	1.000	0	97.6	85	115	01/24/2025
Cadmium		0.0010	S	**0.128**	0.1000	0	127.8	85	115	01/24/2025
Chromium		0.0015		**0.383**	0.4000	0	95.8	85	115	01/24/2025
Cobalt		0.0010		**0.867**	1.000	0	86.7	85	115	01/24/2025
Iron	*	0.0250		**3.80**	4.000	0	94.9	85	115	01/24/2025
Lead		0.0010	E	**0.964**	1.000	0	96.4	85	115	01/24/2025
Lithium	*	0.0030		**1.05**	1.000	0	104.9	85	115	01/24/2025
Manganese		0.0020		**0.975**	1.000	0	97.5	85	115	01/24/2025
Molybdenum		0.0015		**0.949**	1.000	0	94.9	85	115	01/24/2025
Selenium		0.0010		**1.00**	1.000	0	100.2	85	115	01/24/2025
Thallium		0.0020		**0.457**	0.5000	0	91.4	85	115	01/24/2025

Batch 233790 **SampType:** MS Units **mg/L**
SampID: 25010181-016CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.929**	1.000	0	92.9	75	125	01/24/2025
Arsenic		0.0010		**0.880**	1.000	0.002558	87.8	75	125	01/27/2025
Barium		0.0010		**4.16**	4.000	0.01745	103.5	75	125	01/27/2025
Beryllium		0.0010		**0.0990**	0.1000	0	99.0	75	125	01/24/2025
Boron		0.0250		**2.78**	1.000	1.824	96.1	75	125	01/24/2025
Cadmium		0.0010		**0.116**	0.1000	0	115.7	75	125	01/24/2025
Chromium		0.0015		**0.359**	0.4000	0.0007586	89.6	75	125	01/24/2025
Cobalt		0.0010		**0.813**	1.000	0	81.3	75	125	01/24/2025
Iron		0.0250		**3.59**	4.000	0.05691	88.4	75	125	01/24/2025
Lead		0.0010		**0.866**	1.000	0	86.6	75	125	01/24/2025
Lithium	*	0.0030		**1.12**	1.000	0.09620	102.8	75	125	01/24/2025
Manganese		0.0020		**0.893**	1.000	0.003524	88.9	75	125	01/24/2025
Molybdenum		0.0015		**0.886**	1.000	0.001007	88.5	75	125	01/24/2025
Selenium		0.0010		**0.931**	1.000	0	93.1	75	125	01/24/2025
Thallium		0.0020		**0.451**	0.5000	0	90.2	75	125	01/24/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233790 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 25010181-016CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.982**	1.000	0	98.2	0.9287	5.60	01/24/2025
Arsenic		0.0010		**0.906**	1.000	0.002558	90.4	0.8803	2.88	01/27/2025
Barium		0.0010		**4.38**	4.000	0.01745	108.9	4.156	5.13	01/27/2025
Beryllium		0.0010		**0.0994**	0.1000	0	99.4	0.09896	0.42	01/24/2025
Boron		0.0250		**2.76**	1.000	1.824	94.0	2.785	0.76	01/24/2025
Cadmium		0.0010		**0.122**	0.1000	0	122.3	0.1157	5.56	01/24/2025
Chromium		0.0015		**0.362**	0.4000	0.0007586	90.3	0.3593	0.75	01/24/2025
Cobalt		0.0010		**0.823**	1.000	0	82.3	0.8131	1.26	01/24/2025
Iron		0.0250		**3.62**	4.000	0.05691	89.1	3.592	0.83	01/24/2025
Lead		0.0010		**0.906**	1.000	0	90.6	0.8659	4.49	01/24/2025
Lithium	*	0.0030		**1.14**	1.000	0.09620	104.4	1.124	1.47	01/24/2025
Manganese		0.0020		**0.914**	1.000	0.003524	91.0	0.8928	2.33	01/24/2025
Molybdenum		0.0015		**0.941**	1.000	0.001007	94.0	0.8861	6.00	01/24/2025
Selenium		0.0010		**0.947**	1.000	0	94.7	0.9315	1.67	01/24/2025
Thallium		0.0020		**0.467**	0.5000	0	93.4	0.4510	3.51	01/24/2025

Batch 233790 **SampType:** MS Units **mg/L**
SampID: 25010181-050BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.02**	1.000	0	102.3	75	125	01/24/2025
Arsenic		0.0010		**1.04**	1.000	0	104.1	75	125	01/24/2025
Barium		0.0010		**4.57**	4.000	0.05137	113.0	75	125	01/24/2025
Beryllium		0.0010		**0.104**	0.1000	0	104.3	75	125	01/24/2025
Boron		0.0250		**2.93**	1.000	1.756	117.4	75	125	01/27/2025
Cadmium		0.0010		**0.114**	0.1000	0	113.7	75	125	01/24/2025
Chromium		0.0015		**0.390**	0.4000	0	97.5	75	125	01/24/2025
Cobalt		0.0010		**0.941**	1.000	0	94.1	75	125	01/24/2025
Lead		0.0010		**0.912**	1.000	0	91.2	75	125	01/24/2025
Lithium	*	0.0030		**1.18**	1.000	0.1263	105.0	75	125	01/24/2025
Molybdenum		0.0015		**1.20**	1.000	0.0007215	119.8	75	125	01/24/2025
Selenium		0.0010		**0.999**	1.000	0	99.9	75	125	01/24/2025
Thallium		0.0020		**0.505**	0.5000	0	101.0	75	125	01/24/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233790 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 25010181-050BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**1.01**	1.000	0	101.0	1.023	1.30	01/24/2025
Arsenic		0.0010		**1.01**	1.000	0	101.5	1.041	2.55	01/24/2025
Barium		0.0010		**4.53**	4.000	0.05137	111.9	4.572	0.96	01/24/2025
Beryllium		0.0010		**0.103**	0.1000	0	102.5	0.1043	1.71	01/24/2025
Boron		0.0250		**2.90**	1.000	1.756	114.2	2.930	1.10	01/27/2025
Cadmium		0.0010		**0.114**	0.1000	0	114.1	0.1137	0.38	01/24/2025
Chromium		0.0015		**0.385**	0.4000	0	96.1	0.3900	1.42	01/24/2025
Cobalt		0.0010		**0.924**	1.000	0	92.4	0.9413	1.90	01/24/2025
Lead		0.0010		**0.903**	1.000	0	90.3	0.9115	0.92	01/24/2025
Lithium	*	0.0030		**1.16**	1.000	0.1263	103.6	1.176	1.15	01/24/2025
Molybdenum		0.0015		**1.20**	1.000	0.0007215	119.7	1.199	0.08	01/24/2025
Selenium		0.0010		**0.987**	1.000	0	98.7	0.9994	1.21	01/24/2025
Thallium		0.0020		**0.490**	0.5000	0	97.9	0.5049	3.07	01/24/2025

Batch 233831 **SampType:** MBLK Units **mg/L**

SampID: MBLK-233831

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	01/24/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/24/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	01/24/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/24/2025
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/24/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/24/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/24/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/24/2025
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/24/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/24/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/24/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/24/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/24/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/24/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/24/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 233831 **SampType:** LCS Units **mg/L**
SampID: LCS-233831

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.02**	1.000	0	102.1	80	120	01/24/2025
Arsenic		0.0010		**1.03**	1.000	0	103.2	80	120	01/24/2025
Barium		0.0010		**4.54**	4.000	0	113.5	80	120	01/24/2025
Beryllium		0.0010		**0.101**	0.1000	0	101.5	80	120	01/24/2025
Boron		0.0250		**1.03**	1.000	0	103.5	80	120	01/24/2025
Cadmium		0.0010		**0.114**	0.1000	0	113.9	80	120	01/24/2025
Chromium		0.0015		**0.402**	0.4000	0	100.4	80	120	01/24/2025
Cobalt		0.0010		**0.948**	1.000	0	94.8	80	120	01/24/2025
Iron		0.0250		**4.02**	4.000	0	100.4	80	120	01/24/2025
Lead		0.0010		**1.00**	1.000	0	100.0	80	120	01/24/2025
Lithium	*	0.0030		**1.09**	1.000	0	108.9	80	120	01/24/2025
Manganese		0.0020		**0.999**	1.000	0	99.9	80	120	01/24/2025
Molybdenum		0.0015		**1.16**	1.000	0	115.8	80	120	01/24/2025
Selenium		0.0010		**1.04**	1.000	0	104.4	80	120	01/24/2025
Thallium		0.0020		**0.472**	0.5000	0	94.3	80	120	01/24/2025

Batch 233903 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233903

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	01/28/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/28/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	01/28/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/28/2025
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/28/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/28/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/28/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/28/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/28/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/28/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233903 **SampType:** LCS Units **mg/L**

SampID: LCS-233903

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.07**	1.000	0	106.9	85	115	01/28/2025
Arsenic		0.0010		**1.01**	1.000	0	101.0	85	115	01/28/2025
Barium		0.0010		**4.13**	4.000	0	103.1	85	115	01/28/2025
Beryllium		0.0010		**0.0936**	0.1000	0	93.6	85	115	01/29/2025
Boron	*	0.0250		**0.928**	1.000	0	92.8	85	115	01/29/2025
Cadmium		0.0010		**0.100**	0.1000	0	100.2	85	115	01/28/2025
Chromium		0.0015		**0.388**	0.4000	0	97.1	85	115	01/28/2025
Cobalt		0.0010		**0.946**	1.000	0	94.6	85	115	01/28/2025
Iron	*	0.0250		**3.61**	4.000	0	90.3	85	115	01/28/2025
Lead		0.0010	E	**0.994**	1.000	0	99.4	85	115	01/28/2025
Lithium	*	0.0030		**0.982**	1.000	0	98.2	85	115	01/29/2025
Manganese		0.0020		**0.993**	1.000	0	99.3	85	115	01/28/2025
Molybdenum		0.0015		**0.964**	1.000	0	96.4	85	115	01/29/2025
Selenium		0.0010		**1.05**	1.000	0	105.1	85	115	01/28/2025
Thallium		0.0020		**0.473**	0.5000	0	94.6	85	115	01/28/2025

Batch 233933 **SampType:** MBLK Units **mg/L**

SampID: MBLK-233933

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	01/28/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/28/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	01/28/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/28/2025
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/28/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/28/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/28/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/28/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/28/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/28/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233933 **SampType:** LCS Units **mg/L**

SampID: LCS-233933

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.05**	1.000	0	104.7	85	115	01/28/2025
Arsenic		0.0010		**0.979**	1.000	0	97.9	80	120	01/28/2025
Barium		0.0010		**4.26**	4.000	0	106.4	80	120	01/28/2025
Beryllium		0.0010		**0.0940**	0.1000	0	94.0	80	120	01/29/2025
Boron		0.0250		**0.941**	1.000	0	94.1	80	120	01/29/2025
Cadmium		0.0010		**0.101**	0.1000	0	101.4	80	120	01/28/2025
Chromium		0.0015		**0.389**	0.4000	0	97.4	80	120	01/28/2025
Cobalt		0.0010		**0.937**	1.000	0	93.7	80	120	01/28/2025
Iron		0.0250		**3.98**	4.000	0	99.5	80	120	01/28/2025
Lead		0.0010		**0.992**	1.000	0	99.2	80	120	01/28/2025
Lithium	*	0.0030		**0.990**	1.000	0	99.0	80	120	01/29/2025
Manganese		0.0020		**0.996**	1.000	0	99.6	80	120	01/28/2025
Molybdenum		0.0015		**0.969**	1.000	0	96.9	80	120	01/29/2025
Selenium		0.0010		**0.920**	1.000	0	92.0	85	115	01/28/2025
Thallium		0.0020		**0.479**	0.5000	0	95.8	85	115	01/28/2025

Batch 233933 **SampType:** MS Units **mg/L**

SampID: 25011699-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.07**	1.000	0.0006642	106.7	70	130	01/28/2025
Selenium		0.0010		**0.976**	1.000	0.0006973	97.5	70	130	01/28/2025
Thallium		0.0020		**0.461**	0.5000	0.001809	91.8	70	130	01/28/2025

Batch 233933 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 25011699-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**1.06**	1.000	0.0006642	106.4	1.068	0.27	01/28/2025
Selenium		0.0010		**0.972**	1.000	0.0006973	97.2	0.9760	0.37	01/28/2025
Thallium		0.0020		**0.452**	0.5000	0.001809	90.1	0.4608	1.87	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233949 **SampType:** MBLK Units **mg/L**

SampID: MBLK-233949

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	01/28/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	01/28/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/03/2025
Barium		0.0010	S	**0.0015**	0.0007	0	212.9	-100	100	01/29/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	01/28/2025
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	01/28/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	01/28/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	01/28/2025
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	01/28/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	01/28/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	01/28/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	01/29/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	01/28/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	01/28/2025

Batch 233949 **SampType:** LCS Units **mg/L**

SampID: LCS-233949

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.12**	1.000	0	111.9	80	120	01/28/2025
Arsenic		0.0010		**1.04**	1.000	0	104.0	80	120	01/28/2025
Barium		0.0010	B	**4.25**	4.000	0	106.3	80	120	01/29/2025
Beryllium		0.0010		**0.102**	0.1000	0	101.6	80	120	01/28/2025
Boron		0.0250		**1.03**	1.000	0	102.9	80	120	01/28/2025
Cadmium		0.0010		**0.104**	0.1000	0	104.3	80	120	01/28/2025
Chromium		0.0015		**0.408**	0.4000	0	101.9	80	120	01/28/2025
Cobalt		0.0010		**0.970**	1.000	0	97.0	80	120	01/28/2025
Iron		0.0250		**4.06**	4.000	0	101.4	80	120	01/28/2025
Lead		0.0010		**1.01**	1.000	0	100.7	80	120	01/28/2025
Lithium	*	0.0030		**1.10**	1.000	0	109.8	80	120	01/28/2025
Manganese		0.0020		**1.03**	1.000	0	103.3	80	120	01/28/2025
Molybdenum		0.0015		**1.04**	1.000	0	103.9	80	120	01/29/2025
Selenium		0.0010		**1.08**	1.000	0	108.0	80	120	01/28/2025
Thallium		0.0020		**0.480**	0.5000	0	95.9	80	120	01/28/2025

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233949 **SampType:** MS Units **mg/L**

SampID: 25010181-040BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.10**	1.000	0	110.1	75	125	01/28/2025
Arsenic		0.0010		**1.03**	1.000	0.0008714	102.5	75	125	01/28/2025
Barium		0.0010	B	**4.18**	4.000	0.06750	102.7	75	125	01/29/2025
Beryllium		0.0010		**0.101**	0.1000	0	101.2	75	125	01/28/2025
Boron		0.0250		**1.42**	1.000	0.5510	87.4	75	125	01/29/2025
Cadmium		0.0010		**0.102**	0.1000	0	101.8	75	125	01/28/2025
Chromium		0.0015		**0.390**	0.4000	0	97.5	75	125	01/28/2025
Cobalt		0.0010		**0.934**	1.000	0.0002385	93.4	75	125	01/28/2025
Lead		0.0010		**1.03**	1.000	0	103.2	75	125	01/28/2025
Lithium	*	0.0030		**0.968**	1.000	0.01454	95.3	75	125	01/29/2025
Molybdenum		0.0015		**1.03**	1.000	0	102.7	75	125	01/29/2025
Selenium		0.0010		**1.05**	1.000	0	105.2	75	125	01/28/2025
Thallium		0.0020		**0.484**	0.5000	0	96.8	75	125	01/28/2025

Batch 233949 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 25010181-040BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**1.11**	1.000	0	110.5	1.101	0.41	01/28/2025
Arsenic		0.0010		**1.03**	1.000	0.0008714	102.8	1.026	0.21	01/28/2025
Barium		0.0010	B	**4.17**	4.000	0.06750	102.6	4.176	0.08	01/29/2025
Beryllium		0.0010		**0.102**	0.1000	0	102.3	0.1012	1.06	01/28/2025
Boron		0.0250		**1.40**	1.000	0.5510	85.4	1.425	1.42	01/29/2025
Cadmium		0.0010		**0.102**	0.1000	0	101.7	0.1018	0.06	01/28/2025
Chromium		0.0015		**0.403**	0.4000	0	100.8	0.3901	3.27	01/28/2025
Cobalt		0.0010		**0.938**	1.000	0.0002385	93.8	0.9344	0.38	01/28/2025
Lead		0.0010		**0.992**	1.000	0	99.2	1.032	3.91	01/28/2025
Lithium	*	0.0030		**0.975**	1.000	0.01454	96.1	0.9675	0.80	01/29/2025
Molybdenum		0.0015		**1.01**	1.000	0	101.4	1.027	1.31	01/29/2025
Selenium		0.0010		**1.06**	1.000	0	106.0	1.052	0.83	01/28/2025
Thallium		0.0020		**0.474**	0.5000	0	94.8	0.4838	2.04	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 25010181

Client Project: BAL-25Q1 **Report Date:** 04-Mar-25

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

Batch 233949 **SampType:** MS Units **mg/L**

SampID: 25010181-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.08**	1.000	0	107.5	75	125	01/28/2025
Arsenic		0.0010		**1.01**	1.000	0	100.8	75	125	01/28/2025
Barium		0.0010		**4.58**	4.000	0	114.6	75	125	02/03/2025
Beryllium		0.0010		**0.0978**	0.1000	0	97.8	75	125	01/28/2025
Boron		0.0250		**1.01**	1.000	0	101.3	75	125	01/30/2025
Cadmium		0.0010		**0.0999**	0.1000	0	99.9	75	125	01/28/2025
Chromium		0.0015		**0.393**	0.4000	0	98.2	75	125	01/28/2025
Cobalt		0.0010		**0.948**	1.000	0	94.8	75	125	01/28/2025
Iron		0.0250		**4.11**	4.000	0.01332	102.3	75	125	01/28/2025
Lead		0.0010		**1.01**	1.000	0	101.2	75	125	01/28/2025
Lithium	*	0.0030		**1.06**	1.000	0	106.3	75	125	01/30/2025
Manganese		0.0020		**1.01**	1.000	0	101.1	75	125	01/28/2025
Molybdenum		0.0015		**0.962**	1.000	0	96.2	75	125	01/30/2025
Selenium		0.0010		**1.06**	1.000	0	106.5	75	125	01/28/2025
Thallium		0.0020		**0.462**	0.5000	0	92.4	75	125	01/28/2025

Batch 233949 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 25010181-045CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**1.07**	1.000	0	106.6	1.075	0.80	01/28/2025
Arsenic		0.0010		**1.00**	1.000	0	100.2	1.008	0.68	01/28/2025
Barium		0.0010		**4.46**	4.000	0	111.5	4.583	2.70	02/03/2025
Beryllium		0.0010		**0.0959**	0.1000	0	95.9	0.09776	1.91	01/28/2025
Boron		0.0250		**1.01**	1.000	0	101.1	1.013	0.12	01/30/2025
Cadmium		0.0010		**0.0997**	0.1000	0	99.7	0.09985	0.14	01/28/2025
Chromium		0.0015		**0.391**	0.4000	0	97.7	0.3929	0.57	01/28/2025
Cobalt		0.0010		**0.946**	1.000	0	94.6	0.9484	0.22	01/28/2025
Iron		0.0250		**3.91**	4.000	0.01332	97.4	4.105	4.90	01/28/2025
Lead		0.0010		**0.969**	1.000	0	96.9	1.012	4.33	01/28/2025
Lithium	*	0.0030		**1.05**	1.000	0	104.7	1.063	1.56	01/30/2025
Manganese		0.0020		**0.993**	1.000	0	99.3	1.011	1.82	01/28/2025
Molybdenum		0.0015		**0.944**	1.000	0	94.4	0.9624	1.98	01/30/2025
Selenium		0.0010		**1.05**	1.000	0	105.1	1.065	1.32	01/28/2025
Thallium		0.0020		**0.465**	0.5000	0	92.9	0.4620	0.56	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 234366 **SampType:** MBLK Units **mg/L**
SampID: MBLK-234366

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	02/06/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/06/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/06/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/06/2025
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/06/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/06/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/06/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/06/2025
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/06/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/06/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/06/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/06/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/06/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/06/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/06/2025

Batch 234366 **SampType:** LCS Units **mg/L**
SampID: LCS-234366

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.03**	1.000	0	102.5	85	115	02/06/2025
Arsenic		0.0010		**0.963**	1.000	0	96.3	85	115	02/06/2025
Barium		0.0010		**3.78**	4.000	0	94.5	85	115	02/06/2025
Beryllium		0.0010		**0.0922**	0.1000	0	92.2	85	115	02/06/2025
Boron	*	0.0250		**0.910**	1.000	0	91.0	85	115	02/06/2025
Cadmium		0.0010		**0.0934**	0.1000	0	93.4	85	115	02/06/2025
Chromium		0.0015		**0.362**	0.4000	0	90.5	85	115	02/06/2025
Cobalt		0.0010		**0.907**	1.000	0	90.7	85	115	02/06/2025
Iron	*	0.0250		**3.62**	4.000	0	90.6	85	115	02/06/2025
Lead		0.0010	E	**0.858**	1.000	0	85.8	85	115	02/06/2025
Lithium	*	0.0030		**0.987**	1.000	0	98.7	85	115	02/06/2025
Manganese		0.0020		**0.913**	1.000	0	91.3	85	115	02/06/2025
Molybdenum		0.0015		**0.917**	1.000	0	91.7	85	115	02/06/2025
Selenium		0.0010		**0.967**	1.000	0	96.7	85	115	02/06/2025
Thallium		0.0020		**0.473**	0.5000	0	94.6	85	115	02/07/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

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

Batch 234691 **SampType:** MBLK Units **mg/L**
SampID: MBLK-234691

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	02/13/2025
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	02/13/2025
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	02/13/2025
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	02/13/2025
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	02/13/2025
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/13/2025
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	02/13/2025
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	02/13/2025
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	02/13/2025
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/13/2025
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	02/13/2025
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	02/13/2025
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	02/13/2025
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	02/13/2025
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	02/13/2025

Batch 234691 **SampType:** LCS Units **mg/L**
SampID: LCS-234691

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**1.07**	1.000	0	107.5	80	120	02/13/2025
Arsenic		0.0010		**0.957**	1.000	0	95.7	80	120	02/13/2025
Barium		0.0010		**4.14**	4.000	0	103.5	80	120	02/13/2025
Beryllium		0.0010		**0.0876**	0.1000	0	87.6	80	120	02/13/2025
Boron		0.0250		**0.875**	1.000	0	87.5	80	120	02/13/2025
Cadmium		0.0010		**0.107**	0.1000	0	106.9	80	120	02/13/2025
Chromium		0.0015		**0.395**	0.4000	0	98.6	80	120	02/13/2025
Cobalt		0.0010		**1.04**	1.000	0	104.1	80	120	02/13/2025
Iron		0.0250		**3.90**	4.000	0	97.4	80	120	02/13/2025
Lead		0.0010		**1.02**	1.000	0	101.6	80	120	02/13/2025
Lithium	*	0.0030		**0.900**	1.000	0	90.0	80	120	02/13/2025
Manganese		0.0020		**0.977**	1.000	0	97.7	80	120	02/13/2025
Molybdenum		0.0015		**1.07**	1.000	0	106.5	80	120	02/13/2025
Selenium		0.0010		**1.09**	1.000	0	108.7	80	120	02/13/2025
Thallium		0.0020		**0.474**	0.5000	0	94.9	80	120	02/13/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

SW-846 7470A (TOTAL)

Batch 233801 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233801

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	01/24/2025

Batch 233801 **SampType:** LCS Units **mg/L**
SampID: LCS-233801

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00482**	0.0050	0	96.4	85	115	01/24/2025

Batch 233801 **SampType:** MS Units **mg/L**
SampID: 25010181-016CMS

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	01/24/2025

Batch 233801 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-016CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00461**	0.0050	0	92.1	0.004940	6.99	01/24/2025

Batch 233801 **SampType:** MS Units **mg/L**
SampID: 25010181-050BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00456**	0.0050	0	91.2	75	125	01/24/2025

Batch 233801 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-050BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00438**	0.0050	0	87.6	0.004560	4.05	01/24/2025

Batch 233858 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233858

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	01/24/2025

Batch 233858 **SampType:** LCS Units **mg/L**
SampID: LCS-233858

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00454**	0.0050	0	90.7	85	115	01/24/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

SW-846 7470A (TOTAL)

Batch 233858 **SampType:** MS Units **mg/L**
SampID: 25010181-030BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00472**	0.0050	0	94.4	75	125	01/24/2025

Batch 233858 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-030BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00481**	0.0050	0	96.3	0.004720	1.94	01/24/2025

Batch 233858 **SampType:** MS Units **mg/L**
SampID: 25011527-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00466**	0.0050	0	93.1	75	125	01/24/2025

Batch 233858 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25011527-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00466**	0.0050	0	93.2	0.004656	0.12	01/24/2025

Batch 233951 **SampType:** MBLK Units **mg/L**
SampID: MBLK-233951

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	01/28/2025

Batch 233951 **SampType:** LCS Units **mg/L**
SampID: LCS-233951

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00460**	0.0050	0	92.1	85	115	01/28/2025

Batch 233951 **SampType:** MS Units **mg/L**
SampID: 25010181-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00463**	0.0050	0	92.5	75	125	01/28/2025

Batch 233951 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00462**	0.0050	0	92.4	0.004626	0.11	01/28/2025

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 25010181
Client Project: BAL-25Q1
Report Date: 04-Mar-25

SW-846 7470A (TOTAL)

Batch 233951 **SampType:** MS Units **mg/L**
SampID: 25010181-047BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00477**	0.0050	0	95.5	75	125	01/28/2025

Batch 233951 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 25010181-047BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00485**	0.0050	0	97.1	0.004774	1.65	01/28/2025

Teklab, Inc.
Environmental Laboratory

Receiving Check List

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010181
Report Date: 04-Mar-25

Carrier: Daniel Crump

Received By: AMD

Completed by: Amber Dilallo
On: 22-Jan-25

Reviewed by: Ellie Hopkins
On: 27-Jan-25

Pages to follow: Chain of custody 11 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	12.9	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

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

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

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

Samples were received on 1/22/25 at 1620 on ice (additional coolers: 12.9, 11.1, 10.1, 6.5 and 10.3C - LTG#5). Additional Nitric Acid (101262) was needed in MW-304, MW-393, MW-393, MW-394, PZ-170, and MW-304 Duplicate upon arrival at the laboratory. pH strip #96651. - JD/amberdilallo - 1/22/2025 4:48:48 PM

Samples were received on 1/23/25 at 1545 on ice [10.3, 9.1 and 12.7C - LTG#5]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for MW383, MW382, MW375, MW366, MW356 and MW151. pH strip #96651. - JD/amberdilallo - 1/23/2025 4:21:17 PM

Samples were received on 1/24/25 at 1330 on ice [3.9C - LTG#5]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for MW358R and MW358R Dup. pH strip #96651. - JD/amberdilallo - 1/24/2025 2:29:06 PM

Samples were received on 1/27/25 at 1415 on ice [10.3, 7.5, 9.7, 12.9 and 9.9C - LTG#5]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for TPZ-164. pH strip #96651. - LH/amberdilallo - 1/27/2025 2:39:40 PM

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 4

Section A — Required Client Information:	Section B — Required Project Information:	Section C — Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Brian Voelker
Address: 10901 Baldwin Road	Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number:	Profile #:

REGULATORY AGENCY: NPDES — GROUND WATER — DRINKING WATER — UST — RCRA — OTHER

Site Location STATE: IL

Section D — Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G	1/22/25	1435		4	2		2												X		25010181-001
2	MW-104SR	WT	G				4	2		2												X		25010181-002
3	MW-150	WT	G	1-22-25	1424		4	2		2								X		X		X		25010181-003
4	MW-151	WT	G				4	2		2								X		X		X		25010181-004
5	MW-152	WT	G				4	2		2								X		X		X		25010181-005
6	MW-153	WT	G				4	2		2								X		X		X		25010181-006
7	MW-154	WT	G	1-22-25	1129		4	2		2												X		25010181-007
8	MW-155	WT	G	1-22-25	DRY		4	2		2												X		25010181-008
9	MW-192	WT	G	1-22-25	1310		2	1		1							X		X					25010181-009
10	MW-193	WT	G	1-22-25	1349		2	1		1							X		X					25010181-010
11	MW-196	WT	G				3	1		2											X			25010181-011
12	MW-197	WT	G				3	1		2											X			25010181-012
13	MW-198	WT	G				3	1		2											X			25010181-013
14	MW-252	WT	G				4	2		2								X		X		X		25010181-014
15	MW-253R	WT	G				4	2		2								X		X		X		25010181-015
16	MW-304	WT	G	1/22/25	1332		4	2		2							X	X	X	X		X		25010181-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0	[illegible signature]	1-22	1620	[illegible signature]	1/22/25	1620	Y N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 1-22-25

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

Added HNO3 (10/262)
MW304, MW393, MW394,
PZ170, MW304 Dup
[illegible]

12.9, 11.1, 10.1,
6.5, 10.3 #5

JD 1/22/25

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT	G	1-22-25	1338		4	2		2								X		X		X			25010181-017
2	MW-352	WT	G				4	2		2								X		X		X			25010181-018
3	MW-355	WT	G				4	2		2												X			25010181-019
4	MW-356	WT	G				2	1		1							X		X						25010181-020
5	MW-358R	WT	G				2	1		1							X	X	X	X					25010181-021
6	MW-366	WT	G				2	1		1								X		X					25010181-022
7	MW-369	WT	G				2	1		1							X		X						25010181-023
8	MW-370	WT	G				2	1		1							X		X						25010181-024
9	MW-375	WT	G				2	1		1								X		X					25010181-025
10	MW-377	WT	G				2	1		1								X		X					25010181-026
11	MW-382	WT	G				2	1		1							X		X						25010181-027
12	MW-383	WT	G				2	1		1								X		X					25010181-028
13	MW-384	WT	G				2	1		1								X		X					25010181-029
14	MW-390	WT	G				2	1		1								X		X					25010181-030
15	MW-391R	WT	G	1-22-25	DRY		2	1		1								X		X					25010181-031
16	MW-392	WT	G	1-22-25	1237		2	1		1							X		X						25010181-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0		1-22	1620		1/22/25	1620	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	1-22-25		

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

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-393	WT	G	1-22-25	1413		2	1		1							X		X					25010181-033
2	MW-394	WT	G	1-22-25	1441		2	1		1							X		X					25010181-034
3	OW-156	WT	G				0															X		25010181-035
4	OW-157	WT	G				0															X		25010181-036
5	OW-256	WT	G				2	1		1							X		X					25010181-037
6	OW-257	WT	G	1-22-25	0946		2	1		1							X		X					25010181-038
7	PZ-170	WT	G	1-22-25	0914		2	1		1							X		X					25010181-039
8	PZ-182	WT	G				2	1		1							X		X					25010181-040
9	TPZ-164	WT	G				2	1		1							X		X					25010181-041
10	XPW01	WT	G				2	1		1							X		X					25010181-042
11	XPW05	WT	G				2	1		1							X		X					25010181-043
12	XPW06	WT	G				2	1		1							X		X					25010181-044
13	Field Blank	WT	G				4	2		2							X	X	X	X	X	X		25010181-045
14	MW-104DR Duplicate	WT	G	1/22/25	1435		4	2		2												X		25010181-046
15	MW-198 Duplicate	WT	G				3	1		2											X			25010181-047
16	MW-304 Duplicate	WT	G	1/22/25	1332		4	2		2							X	X	X	X		X		25010181-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-22	1620		1/22/25	1620				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Justin Gle	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-22-25

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-358R Duplicate	WT	G				2	1		1							X	X	X	X				25010181-049
2	MW-392 Duplicate	WT	G	1-22-25	1237		2	1		1							X		X					25010181-050
3	Equipment Blank 1	WT	G				4	2		2							X	X	X	X	X	X		25010181-051
4	Equipment Blank 2	WT	G				4	2		2							X	X	X	X	X	X		25010181-052
5	Equipment Blank 3	WT	G				4	2		2							X	X	X	X	X	X		25010181-053
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-22	1620							

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-22-25				

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOLID/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				4	2		2												X		25010181-001
2	MW-104SR	WT	G	1-23-25	0919		4	2		2												X		25010181-002
3	MW-150	WT	G				4	2		2								X		X		X		25010181-003
4	MW-151	WT	G	1-23-25	1327		4	2		2								X		X		X		25010181-004
5	MW-152	WT	G				4	2		2								X		X		X		25010181-005
6	MW-153	WT	G	1-23-25	1007		4	2		2								X		X		X		25010181-006
7	MW-154	WT	G				4	2		2												X		25010181-007
8	MW-155	WT	G				4	2		2												X		25010181-008
9	MW-192	WT	G				2	1		1							X		X					25010181-009
10	MW-193	WT	G				2	1		1							X		X					25010181-010
11	MW-196	WT	G				3	1		2											X			25010181-011
12	MW-197	WT	G				3	1		2											X			25010181-012
13	MW-198	WT	G				3	1		2											X			25010181-013
14	MW-252	WT	G				4	2		2								X		X		X		25010181-014
15	MW-253R	WT	G	1-23-25	1036		4	2		2								X		X		X		25010181-015
16	MW-304	WT	G				4	2		2							X	X	X	X		X		25010181-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0		1-23	1545		1/23/25	1545	

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Cole		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-23-25		Y	N	

PH 9665! 10.3, 9.1, 12.7 #5 Ice

Added HNO_3 (101262)

MW 383, MW 382, MW 375

JD 1/23/25

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES / **GROUND WATER** / DRINKING WATER / UST / RCRA / OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT	G				4	2		2								X		X		X		25010181-017
2	MW-352	WT	G				4	2		2								X		X		X		25010181-018
3	MW-355	WT	G	1-23-25	1110		4	2		2												X		25010181-019
4	MW-356	WT	G	1-23-25	1147		2	1		1							X		X					25010181-020
5	MW-358R	WT	G				2	1		1							X	X	X	X				25010181-021
6	MW-366	WT	G	1-23-25	1005		2	1		1								X		X				25010181-022
7	MW-369	WT	G	1-23-25	1344		2	1		1							X		X					25010181-023
8	MW-370	WT	G	1-23-25	1420		2	1		1							X		X					25010181-024
9	MW-375	WT	G	1-23-25	1052		2	1		1								X		X				25010181-025
10	MW-377	WT	G	1-23-25	1304		2	1		1								X		X				25010181-026
11	MW-382	WT	G	1-23-25	1223		2	1		1							X		X					25010181-027
12	MW-383	WT	G	1-23-25	1229		2	1		1								X		X				25010181-028
13	MW-384	WT	G	1-23-25	1155		2	1		1								X		X				25010181-029
14	MW-390	WT	G	1-23-25	0924		2	1		1								X		X				25010181-030
15	MW-391R	WT	G				2	1		1								X		X				25010181-031
16	MW-392	WT	G				2	1		1							X		X					25010181-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-25Q1 Rev 0	[signature] SO	1-23	1545	[signature]	1/23/25	1545		Y	N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Go

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-23-25

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

3.9 #5 ICe JD 1/24/25
PH 96651
Added HNO3 (10262)
TE ~~2/2~~ MW358R, MW358R Dup

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
BALDWIN POWER PLANT FLASH/COND SYSTEM
BAL-845-605

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT	G				4	2		2								X		X		X		25010181-017
2	MW-352	WT	G				4	2		2								X		X		X		25010181-018
3	MW-355	WT	G				4	2		2												X		25010181-019
4	MW-356	WT	G				2	1		1							X		X					25010181-020
5	MW-358R	WT	G	1/24/25	1134		2	1		1							X	X	X	X				25010181-021
6	MW-366	WT	G				2	1		1								X		X				25010181-022
7	MW-369	WT	G				2	1		1							X		X					25010181-023
8	MW-370	WT	G				2	1		1							X		X					25010181-024
9	MW-375	WT	G				2	1		1								X		X				25010181-025
10	MW-377	WT	G				2	1		1								X		X				25010181-026
11	MW-382	WT	G				2	1		1							X		X					25010181-027
12	MW-383	WT	G				2	1		1								X		X				25010181-028
13	MW-384	WT	G				2	1		1								X		X				25010181-029
14	MW-390	WT	G				2	1		1								X		X				25010181-030
15	MW-391R	WT	G				2	1		1								X		X				25010181-031
16	MW-392	WT	G				2	1		1							X		X					25010181-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0	Tracy Carroll	1/24/25	1330	[illegible]	1/24/25	1330				
							Temp in °C			
							Received on Ice (Y/N)			
							Custody Sealed Cooler (Y/N)			
							Samples Intact (Y/N)			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll

DATE Signed (MM/DD/YY): 1/24/25

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-358R Duplicate	WT	G	1/24/25	1134		2	1		1							X	X	X	X				25010181-049
2	MW-392 Duplicate	WT	G				2	1		1							X		X					25010181-050
3	Equipment Blank 1	WT	G				4	2		2							X	X	X	X	X	X		25010181-051
4	Equipment Blank 2	WT	G				4	2		2							X	X	X	X	X	X		25010181-052
5	Equipment Blank 3	WT	G				4	2		2							X	X	X	X	X	X		25010181-053
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0	Tracy Carroll	1/24/25	1330	[illegible]	1/24/25	1330				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1/24/25

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY: NPDES | GROUND WATER | DRINKING WATER | UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				4	2		2												X		25010181-001
2	MW-104SR	WT	G				4	2		2												X		25010181-002
3	MW-150	WT	G				4	2		2								X		X		X		25010181-003
4	MW-151	WT	G				4	2		2								X		X		X		25010181-004
5	MW-152	WT	G	1-27-25	1046		4	2		2								X		X		X		25010181-005
6	MW-153	WT	G				4	2		2								X		X		X		25010181-006
7	MW-154	WT	G				4	2		2												X		25010181-007
8	MW-155	WT	G				4	2		2												X		25010181-008
9	MW-192	WT	G				2	1		1							X		X					25010181-009
10	MW-193	WT	G				2	1		1							X		X					25010181-010
11	MW-196	WT	G	1-27-25	1026		3	1		2											X			25010181-011
12	MW-197	WT	G	1-27-25	1054		3	1		2											X			25010181-012
13	MW-198	WT	G	1-27-25	0951		3	1		2											X			25010181-013
14	MW-252	WT	G	1-27-25	1016		4	2		2								X		X		X		25010181-014
15	MW-253R	WT	G				4	2		2								X		X		X		25010181-015
16	MW-304	WT	G				4	2		2							X	X	X	X		X		25010181-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-27	1415		1/27/25	1415				
								X		

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-27-25				

PM 96651
added HNO3(101262) to TP2164
LH 1/27/25

Temp UG5
10.3
7.5
9.7
12.9

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N)	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605						Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT	G				4	2		2								X		X		X							25010181-017
2	MW-352	WT	G	1-27-25	0955		4	2		2								X		X		X							25010181-018
3	MW-355	WT	G				4	2		2												X							25010181-019
4	MW-356	WT	G				2	1		1							X		X										25010181-020
5	MW-358R	WT	G				2	1		1							X	X	X	X									25010181-021
6	MW-366	WT	G				2	1		1								X		X									25010181-022
7	MW-369	WT	G				2	1		1							X		X										25010181-023
8	MW-370	WT	G				2	1		1							X		X										25010181-024
9	MW-375	WT	G				2	1		1								X		X									25010181-025
10	MW-377	WT	G				2	1		1								X		X									25010181-026
11	MW-382	WT	G				2	1		1							X		X										25010181-027
12	MW-383	WT	G				2	1		1								X		X									25010181-028
13	MW-384	WT	G				2	1		1								X		X									25010181-029
14	MW-390	WT	G				2	1		1								X		X									25010181-030
15	MW-391R	WT	G				2	1		1								X		X									25010181-031
16	MW-392	WT	G				2	1		1							X		X										25010181-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-25Q1 Rev 0		1-27	1415		1/27/25	1415		Y	N	

SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:	Justin Colp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	1-27-25	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

25010181

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	Brian Voelker
Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

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

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605						Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-393	WT	G				2	1		1							X		X										25010181-033
2	MW-394	WT	G				2	1		1							X		X										25010181-034
3	OW-156	WT	G	1-27-25	1145		0															X							25010181-035
4	OW-157	WT	G	1-27-25	1209		0															X							25010181-036
5	OW-256	WT	G	1-27-25	1119		2	1		1							X		X										25010181-037
6	OW-257	WT	G				2	1		1							X		X										25010181-038
7	PZ-170	WT	G				2	1		1							X		X										25010181-039
8	PZ-182	WT	G	1-27-25	1202		2	1		1							X		X										25010181-040
9	TPZ-164	WT	G	1-27-25	1303		2	1		1							X		X										25010181-041
10	XPW01	WT	G	1-27-25	1045		2	1		1							X		X										25010181-042
11	XPW05	WT	G	1-27-25	1012		2	1		1							X		X										25010181-043
12	XPW06	WT	G	1-27-25	1118		2	1		1							X		X										25010181-044
13	Field Blank	WT	G	1-27-25	1300		4	2		2							X	X	X	X	X	X							25010181-045
14	MW-104DR Duplicate	WT	G				4	2		2												X							25010181-046
15	MW-198 Duplicate	WT	G	1-27-25	0951		3	1		2											X								25010181-047
16	MW-304 Duplicate	WT	G				4	2		2							X	X	X	X		X							25010181-048

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-27	1415		1/27	1415				

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 Gulp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-27-25				

Teklab, Inc.
Environmental Laboratory

http://www.teklabinc.com/

February 26, 2025

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

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

RE: BAL-25Q1 **WorkOrder:** 25010182

Dear Eric Bauer:

TEKLAB, INC received 41 samples on 1/27/2025 2:15:00 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,

Marvin L. Darling II

Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Report Contents

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010182
Report Date: 26-Feb-25

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Definitions

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-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

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010182
Report Date: 26-Feb-25

Cooler Receipt Temp: 12.9 °C

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

MW-391R was dry.

Equipment Blanks were not needed.

MW-150, MW-152 and MW-370 collection times per field file. FB/EAH 1/31/25

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

Locations

Collinsville

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

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
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

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Accreditations

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	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		3/14/2025	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			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-001 **Client Sample ID:** MW-150

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 14:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-002 **Client Sample ID:** MW-151

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-003 **Client Sample ID:** MW-152

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-004 **Client Sample ID:** MW-153

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-005 **Client Sample ID:** MW-192

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:46	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-006 **Client Sample ID:** MW-193

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:49

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-007 **Client Sample ID:** MW-196

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:45	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-008 **Client Sample ID:** MW-197

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:44	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-009 **Client Sample ID:** MW-198

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 9:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-010 **Client Sample ID:** MW-252

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 10:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-011 **Client Sample ID:** MW-253R

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 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	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-012 **Client Sample ID:** MW-304

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-013 **Client Sample ID:** MW-350R

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:38

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-014 **Client Sample ID:** MW-352

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:47	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-015 **Client Sample ID:** MW-356

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-016 **Client Sample ID:** MW-358R

Matrix: GROUNDWATER **Collection Date:** 01/24/2025 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-017 **Client Sample ID:** MW-366

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 14:51	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-018 **Client Sample ID:** MW-369

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 13:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-019 **Client Sample ID:** MW-370

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 14:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/14/2025 11:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-020 **Client Sample ID:** MW-375

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-021 **Client Sample ID:** MW-377

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 13:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-022 **Client Sample ID:** MW-382

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 12:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-023 **Client Sample ID:** MW-383

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:48	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-024 **Client Sample ID:** MW-384

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-025 **Client Sample ID:** MW-390

Matrix: GROUNDWATER **Collection Date:** 01/23/2025 9:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-027 **Client Sample ID:** MW-392

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 12:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-028 **Client Sample ID:** MW-393

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 14:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-029 **Client Sample ID:** MW-394

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 14:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-030 **Client Sample ID:** OW-256

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 11:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-031 **Client Sample ID:** OW-257

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 9:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-032 **Client Sample ID:** PZ-170

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 9:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-033 **Client Sample ID:** PZ-182

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-034 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 01/27/2025 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:49	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-035 **Client Sample ID:** MW-198 Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/27/2025 9:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:44	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-036 **Client Sample ID:** MW-304 Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 13:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:44	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-037 **Client Sample ID:** MW-358R Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/24/2025 11:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:44	R360651

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 25010182

Client Project: BAL-25Q1 **Report Date:** 26-Feb-25

Lab ID: 25010182-038 **Client Sample ID:** MW-392 Duplicate

Matrix: GROUNDWATER **Collection Date:** 01/22/2025 12:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	02/17/2025 12:44	R360651

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010182
Report Date: 26-Feb-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25010182-001	MW-150	Groundwater	1	01/22/2025 14:24
25010182-002	MW-151	Groundwater	1	01/23/2025 13:27
25010182-003	MW-152	Groundwater	1	01/27/2025 10:42
25010182-004	MW-153	Groundwater	1	01/23/2025 10:07
25010182-005	MW-192	Groundwater	1	01/22/2025 13:10
25010182-006	MW-193	Groundwater	1	01/22/2025 13:49
25010182-007	MW-196	Groundwater	1	01/27/2025 10:26
25010182-008	MW-197	Groundwater	1	01/27/2025 10:54
25010182-009	MW-198	Groundwater	1	01/27/2025 9:51
25010182-010	MW-252	Groundwater	1	01/27/2025 10:16
25010182-011	MW-253R	Groundwater	1	01/23/2025 10:36
25010182-012	MW-304	Groundwater	1	01/22/2025 13:32
25010182-013	MW-350R	Groundwater	1	01/22/2025 13:38
25010182-014	MW-352	Groundwater	1	01/27/2025 9:55
25010182-015	MW-356	Groundwater	1	01/23/2025 11:47
25010182-016	MW-358R	Groundwater	1	01/24/2025 11:34
25010182-017	MW-366	Groundwater	1	01/23/2025 10:05
25010182-018	MW-369	Groundwater	1	01/23/2025 13:44
25010182-019	MW-370	Groundwater	1	01/23/2025 14:17
25010182-020	MW-375	Groundwater	1	01/23/2025 10:52
25010182-021	MW-377	Groundwater	1	01/23/2025 13:04
25010182-022	MW-382	Groundwater	1	01/23/2025 12:23
25010182-023	MW-383	Groundwater	1	01/23/2025 12:29
25010182-024	MW-384	Groundwater	1	01/23/2025 11:55
25010182-025	MW-390	Groundwater	1	01/23/2025 9:24
25010182-026	MW-391R	Groundwater	1	01/22/2025 0:00
25010182-027	MW-392	Groundwater	1	01/22/2025 12:37
25010182-028	MW-393	Groundwater	1	01/22/2025 14:13
25010182-029	MW-394	Groundwater	1	01/22/2025 14:41
25010182-030	OW-256	Groundwater	1	01/27/2025 11:19
25010182-031	OW-257	Groundwater	1	01/22/2025 9:46
25010182-032	PZ-170	Groundwater	1	01/22/2025 9:14
25010182-033	PZ-182	Groundwater	1	01/27/2025 12:02
25010182-034	Field Blank	Aqueous	1	01/27/2025 13:00
25010182-035	MW-198 Duplicate	Groundwater	1	01/27/2025 9:51
25010182-036	MW-304 Duplicate	Groundwater	1	01/22/2025 13:32
25010182-037	MW-358R Duplicate	Groundwater	1	01/24/2025 11:34
25010182-038	MW-392 Duplicate	Groundwater	1	01/22/2025 12:37
25010182-039	Equipment Blank 1	Aqueous	1	

Sample Summary

http://www.teklabinc.com/

Client: Ramboll
Client Project: BAL-25Q1

Work Order: 25010182
Report Date: 26-Feb-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25010182-040	Equipment Blank 2	Aqueous	1	
25010182-041	Equipment Blank 3	Aqueous	1	

Teklab, Inc.
Environmental Laboratory

Receiving Check List

Client: Ramboll
Work Order: 25010182
Client Project: BAL-25Q1
Report Date: 26-Feb-25

Carrier: Justin Colp
Received By: AMD

Completed by: Laura E Henson
On: 22-Jan-25

Reviewed by: Ellie Hopkins
On: 27-Jan-25

Pages to follow: Chain of custody 11 Extra pages included 48

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 12.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

pH strip #96651. - lhenson - 1/22/2025 4:42:30 PM

Additional nitric acid (101262) was needed in MW-304, MW-393, MW-394, OW-257, PZ-170, and MW-304 Duplicate upon arrival at the laboratory. - lhenson - 1/22/2025 4:42:32 PM

Cooler #2 - 11.1C - LTG #5, Cooler #3 - 10.1C - LTG #5, Cooler #4 - 6.5C - LTG #5, Cooler #5 - 10.3C - LTG #5. - LH/ehurley - 1/22/2025 4:57:43 PM

Samples were received on 1/23/25 at 1545 on ice [10.3, 9.1 and 12.7C - LTG#5]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for MW-369, MW-375, MW-382 and MW-384. pH strip #96651. - CF/amberdilallo - 1/23/2025 4:28:35 PM

Samples were received on 1/24/25 at 1330 on ice [3.9C - LTG#5]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for MW358R and MW358R Dup. pH strip #96651. - JD/amberdilallo - 1/24/2025 2:32:44 PM

Samples were received on 1/27/25 at 1415 on ice [10.3, 7.5, 9.7, 12.9 and 9.9C - LTG#]. Additional Nitric Acid (101262) was needed upon arrival at the laboratory for MW-152, MW-196, MW-197, MW-198, MW-252, MW-352, PZ-182 and MW-198 Duplicate. pH strip #96651. - LH/amberdilallo - 1/27/2025 2:37:17 PM

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY: NPDES | GROUND WATER | DRINKING WATER | UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Ra226/228, only Project No./ Lab I.D.
1	MW-104DR	WT	G	1/22/25	1435		0															X		N/A
2	MW-104SR	WT	G				0															X		N/A
3	MW-150	WT	G	1-22-25	1425		2			2								X		X		X		25010182-001
4	MW-151	WT	G				2			2								X		X		X		25010182-002
5	MW-152	WT	G				2			2								X		X		X		25010182-003
6	MW-153	WT	G				2			2								X		X		X		25010182-004
7	MW-154	WT	G	1-22-25	1129		0															X		N/A
8	MW-155	WT	G	1-22-25	DRY		0															X		N/A
9	MW-192	WT	G	1-22-25	1310		2			2							X		X					25010182-005
10	MW-193	WT	G	1-22-25	1349		2			2							X		X					25010182-006
11	MW-196	WT	G				2			2											X			25010182-007
12	MW-197	WT	G				2			2											X			25010182-008
13	MW-198	WT	G				2			2											X			25010182-009
14	MW-252	WT	G				2			2								X		X		X		25010182-010
15	MW-253R	WT	G				2			2								X		X		X		25010182-011
16	MW-304	WT	G	1/22/25	1332		2			2							X	X	X	X		X		25010182-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-25Q1 Rev 0	[signature]	1-22	1620	[signature]	1/22/25	1620

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cap

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-22-25

PHV 96651
* added HNO3 (101262) LH 1/22/25

12.9, 11.1, 10.1
6.5, 10.3 #5

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-350R	WT	G	1-22-25	1338		2			2								X		X		X		25010182-013
2	MW-352	WT	G				2			2								X		X		X		25010182-014
3	MW-355	WT	G				0															X		N/A
4	MW-356	WT	G				2			2							X		X					25010182-015
5	MW-358R	WT	G				2			2							X	X	X	X				25010182-016
6	MW-366	WT	G				2			2								X		X				25010182-017
7	MW-369	WT	G				2			2							X		X					25010182-018
8	MW-370	WT	G				2			2							X		X					25010182-019
9	MW-375	WT	G				2			2								X		X				25010182-020
10	MW-377	WT	G				2			2								X		X				25010182-021
11	MW-382	WT	G				2			2							X		X					25010182-022
12	MW-383	WT	G				2			2								X		X				25010182-023
13	MW-384	WT	G				2			2								X		X				25010182-024
14	MW-390	WT	G				2			2								X		X				25010182-025
15	MW-391R	WT	G	1-22-25	DRY		2			2								X		X				25010182-026
16	MW-392	WT	G	1-22-25	1237		2			2							X		X					25010182-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0		1-22	1620		1/22/25	1620	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-22-25				

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-393	WT	G	1-22-25	1413		2			2							X		X					25010182-028
2	MW-394	WT	G	1-22-25	1441		2			2							X		X					25010182-029
3	OW-156	WT	G				0															X		N/A
4	OW-157	WT	G				0															X		N/A
5	OW-256	WT	G				2			2							X		X					25010182-030
6	OW-257	WT	G	1-22-25	0946		2			2							X		X					25010182-031
7	PZ-170	WT	G	1-22-25	0914		2			2							X		X					25010182-032
8	PZ-182	WT	G				2			2							X		X					25010182-033
9	TPZ-164	WT	G				0										X		X					N/A
10	XPW01	WT	G				0										X		X					N/A
11	XPW05	WT	G				0										X		X					N/A
12	XPW06	WT	G				0										X		X					N/A
13	Field Blank	WT	G				2			2							X	X	X	X	X	X		25010182-034
14	MW-104DR Duplicate	WT	G	1/28/25	1435		0															X		N/A
15	MW-198 Duplicate	WT	G				2			2											X			25010182-035
16	MW-304 Duplicate	WT	G	1/22/25	1332		2			2							X	X	X	X		X		25010182-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-25Q1 Rev 0		1-22	1620		1/22/25	1620

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Gold

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-22-25

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-358R Duplicate	WT	G				2			2							X	X	X	X				25010182-037
2	MW-392 Duplicate	WT	G	1-22-25	1237		2			2							X		X					25010182-038
3	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		25010182-039
4	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X		25010182-040
5	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X		25010182-041
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

Requested Analysis Filtered (Y/N)

Ra226/228, only

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
BAL-25Q1 Rev 0		1-22	1620		1/22/25	1620

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-22-25

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Ra226/228, only: Project No./ Lab I.D.
1	MW-104DR	WT	G				0															X			N/A
2	MW-104SR	WT	G	1-23-25	0919		0															X			N/A
3	MW-150	WT	G				2			2									X		X		X		25010182-001
4	MW-151	WT	G	1-23-25	1327		2			2									X		X		X		25010182-002
5	MW-152	WT	G				2			2									X		X		X		25010182-003
6	MW-153	WT	G	1-23-25	1007		2			2									X		X		X		25010182-004
7	MW-154	WT	G				0															X			N/A
8	MW-155	WT	G				0															X			N/A
9	MW-192	WT	G				2			2								X		X					25010182-005
10	MW-193	WT	G				2			2								X		X					25010182-006
11	MW-196	WT	G				2			2												X			25010182-007
12	MW-197	WT	G				2			2												X			25010182-008
13	MW-198	WT	G				2			2												X			25010182-009
14	MW-252	WT	G				2			2									X		X		X		25010182-010
15	MW-253R	WT	G	1-23-25	1036		2			2									X		X		X		25010182-011
16	MW-304	WT	G				2			2								X	X	X	X		X		25010182-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0		1-23	1545		1/23/25	1545	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:						
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 1-23-25					

10.3, 9.1, 12.7 # 5 icev
PM 96651
* added TIN03-101262 1/23/25 CP

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location STATE: IL

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Ra226/228, only: Project No./ Lab I.D.
1	MW-350R	WT	G				2			2								X		X		X		25010182-013
2	MW-352	WT	G				2			2								X		X		X		25010182-014
3	MW-355	WT	G	1-23-25	1110		0															X		N/A
4	MW-356	WT	G	1-23-25	1147		2			2							X		X					25010182-015
5	MW-358R	WT	G				2			2							X	X	X	X				25010182-016
6	MW-366	WT	G	1-23-25	1005		2			2								X		X				25010182-017
7	MW-369	WT	G	1-23-25	1344		2			2							X		X					25010182-018
8	MW-370	WT	G	1-23-25	1470		2			2							X		X					25010182-019
9	MW-375	WT	G	1-23-25	1052		2			2								X		X				25010182-020
10	MW-377	WT	G	1-23-25	1304		2			2								X		X				25010182-021
11	MW-382 (1)	WT	G	1-23-25	1223		2			2							X		X					25010182-022
12	MW-383	WT	G	1-23-25	1229		2			2								X		X				25010182-023
13	MW-384	WT	G	1-23-25	1155		2			2								X		X				25010182-024
14	MW-390	WT	G	1-23-25	0924		2			2								X		X				25010182-025
15	MW-391R	WT	G				2			2								X		X				25010182-026
16	MW-392	WT	G				2			2							X		X					25010182-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0		1-23	1545		1/23/25	1545	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:						
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY):	1-23-25				

3.9 #5 ICL JD
Added 1t NO3 (101262) 1/24/25
2/2 MW 358R, 358R Dup PH 9665?

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

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

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N: Analysis Test ↓ BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Ra226/228, only: Project No./ Lab I.D.
1	MW-350R	WT	G				2			2							X		X		X		25010182-013
2	MW-352	WT	G				2			2							X		X		X		25010182-014
3	MW-355	WT	G				0														X		N/A
4	MW-356	WT	G				2			2						X		X					25010182-015
5	MW-358R	WT	G	1/24/25	1134		2			2						X	X	X	X				25010182-016
6	MW-366	WT	G				2			2							X		X				25010182-017
7	MW-369	WT	G				2			2						X		X					25010182-018
8	MW-370	WT	G				2			2						X		X					25010182-019
9	MW-375	WT	G				2			2							X		X				25010182-020
10	MW-377	WT	G				2			2							X		X				25010182-021
11	MW-382	WT	G				2			2						X		X					25010182-022
12	MW-383	WT	G				2			2							X		X				25010182-023
13	MW-384	WT	G				2			2							X		X				25010182-024
14	MW-390	WT	G				2			2							X		X				25010182-025
15	MW-391R	WT	G				2			2							X		X				25010182-026
16	MW-392	WT	G				2			2						X		X					25010182-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0	Tracy Carroll	1/24/25	1330	Jordan Gilreath	1/24/25	1330				

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Tracy Carroll					
SIGNATURE of SAMPLER:	Tracy Carroll	DATE Signed (MM/DD/YY): 1/24/25				

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
																Requested Analysis Filtered (Y/N)								Ra226/228, only
1	MW-358R Duplicate	WT	G	1/24/25	1134		2			2							X	X	X	X				25010182-037
2	MW-392 Duplicate	WT	G				2			2							X		X					25010182-038
3	Equipment Blank 1	WT	G				2			2							X	X	X	X	X	X		25010182-039
4	Equipment Blank 2	WT	G				2			2							X	X	X	X	X	X		25010182-040
5	Equipment Blank 3	WT	G				2			2							X	X	X	X	X	X		25010182-041
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
BAL-25Q1 Rev 0	Tracy Carroll	1/24/25	1350	Marion Cicalla	1/24/25	1350	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tracy Carroll

SIGNATURE of SAMPLER: Tracy Carroll DATE Signed (MM/DD/YY): 1/24/25

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:

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

Section B
Required Project Information:

Report To:	Brian Voelker
Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Section C
Invoice Information:

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

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

Ra226/228, only

Section D Required Client Information

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-104DR	WT	G				0															X		N/A
2	MW-104SR	WT	G				0															X		N/A
3	MW-150	WT	G				2			2								X		X		X		25010182-001
4	MW-151	WT	G				2			2								X		X		X		25010182-002
5	MW-152	WT	G	1-27-25	1046		2			2								X		X		X		25010182-003
6	MW-153	WT	G				2			2								X		X		X		25010182-004
7	MW-154	WT	G				0															X		N/A
8	MW-155	WT	G				0															X		N/A
9	MW-192	WT	G				2			2							X		X					25010182-005
10	MW-193	WT	G				2			2							X		X					25010182-006
11	MW-196	WT	G	1-27-25	1026		2			2											X			25010182-007
12	MW-197	WT	G	1-27-25	1054		2			2											X			25010182-008
13	MW-198	WT	G	1-27-25	0951		2			2											X			25010182-009
14	MW-252	WT	G	1-27-25	1016		2			2								X		X		X		25010182-010
15	MW-253R	WT	G				2			2								X		X		X		25010182-011
16	MW-304	WT	G				2			2							X	X	X	X		X		25010182-012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BAL-25Q1 Rev 0	[signature]	1-27	1415	[signature]	1/27/25	1415		Y	N	
								X		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:	Justin Colp
SIGNATURE of SAMPLER:	[signature]
DATE Signed (MM/DD/YY):	1-27-25

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

PHV 96651
~~A~~ Added HNO3 (101262) LH 1/27/25

Temp LTG5
10.3
7.5
9.7
12.4
[illegible]

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Baldwin	Report To:	Brian Voelker	Attention:	Brian Voelker
Address:	10901 Baldwin Road	Copy To:	Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name:	Vistra Corp
	Baldwin, IL 62217			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
																Requested Analysis Filtered (Y/N)								Ra226/228, only
1	MW-350R	WT	G				2			2								X		X		X		25010182-013
2	MW-352	WT	G	1-27-25	0955		2			2								X		X		X		25010182-014
3	MW-355	WT	G				0															X		N/A
4	MW-356	WT	G				2			2							X		X					25010182-015
5	MW-358R	WT	G				2			2							X	X	X	X				25010182-016
6	MW-366	WT	G				2			2								X		X				25010182-017
7	MW-369	WT	G				2			2							X		X					25010182-018
8	MW-370	WT	G				2			2							X		X					25010182-019
9	MW-375	WT	G				2			2								X		X				25010182-020
10	MW-377	WT	G				2			2								X		X				25010182-021
11	MW-382	WT	G				2			2							X		X					25010182-022
12	MW-383	WT	G				2			2								X		X				25010182-023
13	MW-384	WT	G				2			2								X		X				25010182-024
14	MW-390	WT	G				2			2								X		X				25010182-025
15	MW-391R	WT	G				2			2								X		X				25010182-026
16	MW-392	WT	G				2			2							X		X					25010182-027

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-27	1415		1/27/25	1415				

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 Galp					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 1-27-25				

25010182

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Vistra Corp-Baldwin	Report To: Brian Voelker	Attention: Brian Voelker
Address: 10901 Baldwin Road	Copy To: Kim Edmiaston Kimberly.Edmiaston@vistracorp.com	Company Name: Vistra Corp
Baldwin, IL 62217		Address: see Section A
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:
Phone: (217) 753-8911 Fax:	Project Name:	Project Manager:
Requested Due Date/TAT: 10 day	Project Number:	Profile #:

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

Ra226/228, only

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	BAL-257-601	BAL-257-605	BAL-845-601	BAL-845-605	BAL-NE-605	BAL-WPCP-605	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-393	WT	G				2			2							X		X					25010182-028
2	MW-394	WT	G				2			2							X		X					25010182-029
3	OW-156	WT	G	1-27-25	1145		0															X		N/A
4	OW-157	WT	G	1-27-25	1209		0															X		N/A
5	OW-256	WT	G	1-27-25	1119		2			2							X		X					25010182-030
6	OW-257	WT	G				2			2							X		X					25010182-031
7	PZ-170	WT	G				2			2							X		X					25010182-032
8	PZ-182	WT	G	1-27-25	1202		2			2							X		X					25010182-033
9	TPZ-164	WT	G	1-27-25	1303		0										X		X					N/A
10	XPW01	WT	G	1-27-25	1045		0										X		X					N/A
11	XPW05	WT	G	1-27-25	1012		0										X		X					N/A
12	XPW06	WT	G	1-27-25	1118		0										X		X					N/A
13	Field Blank	WT	G	1-27-25	1300		2			2							X	X	X	X	X	X		25010182-034
14	MW-104DR Duplicate	WT	G				0															X		N/A
15	MW-198 Duplicate	WT	G	1-27-25	0951		2			2											X			25010182-035
16	MW-304 Duplicate	WT	G				2			2							X	X	X	X		X		25010182-036

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
BAL-25Q1 Rev 0		1-27	1415		1/27/25	1415				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 1-27-25

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/21/2025 3:47:40 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25010182

JOB NUMBER

160-57034-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

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
2/21/2025 3:47:40 PM

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

Table of Contents

CASE NARRATIVE

Client: TekLab, Inc

Project: 25010182

Report Number: 160-57034-1

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

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

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

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

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

All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

The matrix for the Method Blank and LCS/LCSD is as close to the samples as can be reasonably achieved. Detailed information can be found in the most current revision of the associated SOP.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

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

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

Receipt
The samples were received on 1/28/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 4 coolers at receipt time were 13.7°C, 17.6°C, 18.1°C and 18.3°C.

Receipt Exceptions
The client requested an update to sample collection times. 25010182-003 should be reported as collected at 1042, rather than 1046. 25010182-001 collection time from 1425 to 1424. 25010182-019 collection time from 1420 to 1417. The email requests will be included in the final report for documentation purposes.

Method 903.0 - Radium-226 (GFPC)
Samples 25010182-001 (160-57034-1), 25010182-002 (160-57034-2), 25010182-003 (160-57034-3), 25010182-004 (160-57034-4), 25010182-005 (160-57034-5), 25010182-006 (160-57034-6), 25010182-007 (160-57034-7), 25010182-008 (160-57034-8), 25010182-009 (160-57034-9), 25010182-010 (160-57034-10), 25010182-011 (160-57034-11), 25010182-012 (160-57034-12), 25010182-013 (160-57034-13), 25010182-014 (160-57034-14), 25010182-015 (160-57034-15), 25010182-016 (160-57034-16), 25010182-017 (160-57034-17), 25010182-018 (160-57034-18), 25010182-019 (160-57034-19), 25010182-020 (160-57034-20), 25010182-021 (160-57034-21), 25010182-022 (160-57034-22), 25010182-023 (160-57034-23), 25010182-024

Case Narrative

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

Job ID: 160-57034-1

Job ID: 160-57034-1 (Continued) — Eurofins St. Louis

(160-57034-24), 25010182-025 (160-57034-25), 25010182-027 (160-57034-26), 25010182-028 (160-57034-27), 25010182-029 (160-57034-28), 25010182-030 (160-57034-29), 25010182-031 (160-57034-30), 25010182-032 (160-57034-31), 25010182-033 (160-57034-32), 25010182-034 (160-57034-33), 25010182-035 (160-57034-34), 25010182-036 (160-57034-35), 25010182-037 (160-57034-36) and 25010182-038 (160-57034-37) were analyzed for Radium-226 (GFPC). The samples were prepared on 1/30/2025 and analyzed on 2/21/2025.

Method 904.0 - Radium-228 (GFPC)
Samples 25010182-001 (160-57034-1), 25010182-002 (160-57034-2), 25010182-003 (160-57034-3), 25010182-004 (160-57034-4), 25010182-005 (160-57034-5), 25010182-006 (160-57034-6), 25010182-007 (160-57034-7), 25010182-008 (160-57034-8), 25010182-009 (160-57034-9), 25010182-010 (160-57034-10), 25010182-011 (160-57034-11), 25010182-012 (160-57034-12), 25010182-013 (160-57034-13), 25010182-014 (160-57034-14), 25010182-015 (160-57034-15), 25010182-016 (160-57034-16), 25010182-017 (160-57034-17), 25010182-018 (160-57034-18), 25010182-019 (160-57034-19), 25010182-020 (160-57034-20), 25010182-021 (160-57034-21), 25010182-022 (160-57034-22), 25010182-023 (160-57034-23), 25010182-024 (160-57034-24), 25010182-025 (160-57034-25), 25010182-027 (160-57034-26), 25010182-028 (160-57034-27), 25010182-029 (160-57034-28), 25010182-030 (160-57034-29), 25010182-031 (160-57034-30), 25010182-032 (160-57034-31), 25010182-033 (160-57034-32), 25010182-034 (160-57034-33), 25010182-035 (160-57034-34), 25010182-036 (160-57034-35), 25010182-037 (160-57034-36) and 25010182-038 (160-57034-37) were analyzed for Radium-228 (GFPC). The samples were prepared on 1/30/2025 and analyzed on 2/14/2025 and 2/17/2025.

Batch 160-700524:
The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. 25010182-002 (160-57034-2), 25010182-004 (160-57034-4), 25010182-007 (160-57034-7) and 25010182-011 (160-57034-11)

Batch 160-700527:
The detection goal was not met for the following sample due to the reduced sample volume performed in prep attributed to the presence of matrix interferences: 25010182-022 (160-57034-22). Analytical results are reported with the detection limit achieved.

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 25010182-001 (160-57034-1), 25010182-002 (160-57034-2), 25010182-003 (160-57034-3), 25010182-004 (160-57034-4), 25010182-005 (160-57034-5), 25010182-006 (160-57034-6), 25010182-007 (160-57034-7), 25010182-008 (160-57034-8), 25010182-009 (160-57034-9), 25010182-010 (160-57034-10), 25010182-011 (160-57034-11), 25010182-012 (160-57034-12), 25010182-013 (160-57034-13), 25010182-014 (160-57034-14), 25010182-015 (160-57034-15), 25010182-016 (160-57034-16), 25010182-017 (160-57034-17), 25010182-018 (160-57034-18), 25010182-019 (160-57034-19), 25010182-020 (160-57034-20), 25010182-021 (160-57034-21), 25010182-022 (160-57034-22), 25010182-023 (160-57034-23), 25010182-024 (160-57034-24), 25010182-025 (160-57034-25), 25010182-027 (160-57034-26), 25010182-028 (160-57034-27), 25010182-029 (160-57034-28), 25010182-030 (160-57034-29), 25010182-031 (160-57034-30), 25010182-032 (160-57034-31), 25010182-033 (160-57034-32), 25010182-034 (160-57034-33), 25010182-035 (160-57034-34), 25010182-036 (160-57034-35), 25010182-037 (160-57034-36) and 25010182-038 (160-57034-37) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 2/21/2025.

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 Sampler | QC Level: 2

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

Project# 25010182

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 37815 | 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	Ra226/228	Radium 226	Radium 228
	25010182-001	1/22/25 1425	HNO3	Groundwater	✔		
	25010182-002	1/23/25 1327	HNO3	Groundwater	✔		
	25010182-003	1/27/25 1046	HNO3	Groundwater	✔		
	25010182-004	1/23/25 1007	HNO3	Groundwater	✔		
	25010182-005	1/22/25 1310	HNO3	Groundwater	✔		
	25010182-006	1/22/25 1349	HNO3	Groundwater	✔		
	25010182-007	1/27/25 1026	HNO3	Groundwater	✔		
	25010182-008	1/27/25 1054	HNO3	Groundwater	✔		
	25010182-009	1/27/25 0951	HNO3	Groundwater	✔		
	25010182-010	1/27/25 1016	HNO3	Groundwater	✔		
	25010182-011	1/23/25 1036	HNO3	Groundwater	✔		

160-57034-01 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	11/28/25 0915		11/28/25 0915
	11/28/25 1030	Sierra Worthington	11/28/25 1030

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

SubCocRevA 3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

2/21/2025

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 Sampler | QC Level: 2

Project# 25010182

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

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 37815
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	Ra226/228	Radium 226	Radium 228
	25010182-012	1/22/25 1332	HNO3	Groundwater	✔		
	25010182-013	1/22/25 1338	HNO3	Groundwater	✔		
	25010182-014	1/27/25 0955	HNO3	Groundwater	✔		
	25010182-015	1/23/25 1147	HNO3	Groundwater	✔		
	25010182-016	1/24/25 1134	HNO3	Groundwater	✔		
	25010182-017	1/23/25 1005	HNO3	Groundwater	✔		
	25010182-018	1/23/25 1344	HNO3	Groundwater	✔		
	25010182-019	1/23/25 1420	HNO3	Groundwater	✔		
	25010182-020	1/23/25 1052	HNO3	Groundwater	✔		
	25010182-021	1/23/25 1304	HNO3	Groundwater	✔		
	25010182-022	1/23/25 1223	HNO3	Groundwater	✔		

*Relinquished By	Date/Time	Received By	Date/Time
Unreadable	1/28/25 0915		1/28/25 0915
	1/28/25 1030	Siena Worthington	1/28/25 1030

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SubCocRevA 3/2/2016

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

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

Comments: **Please Issue reports and invoices via email only**
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Project# 25010182

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 37815 | Phone: (618) 344-1004 ext 33

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228
	25010182-023	1/23/25 1229	HNO3	Groundwater	✔		
	25010182-024	1/23/25 1155	HNO3	Groundwater	✔		
	25010182-025	1/23/25 0924	HNO3	Groundwater	✔		
	25010182-026	Dry	HNO3	Groundwater	✔		
	25010182-027	1/22/25 1237	HNO3	Groundwater	✔		
	25010182-028	1/22/25 1413	HNO3	Groundwater	✔		
	25010182-029	1/22/25 1441	HNO3	Groundwater	✔		
	25010182-030	1/27/25 1119	HNO3	Groundwater	✔		
	25010182-031	1/22/25 0946	HNO3	Groundwater	✔		
	25010182-032	1/22/25 0914	HNO3	Groundwater	✔		
	25010182-033	1/27/25 1202	HNO3	Groundwater	✔		

*Relinquished By:	Date/Time	Received By	Date/Time
[signature]	1/28/25 0915	Sierra Worthington	1/28/25 0915
	1/28/25 1030		1/28/25 1030

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SubCocRevA 3/2/2016

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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 Sampler | QC Level: 2

Comments: **Please Issue reports and invoices via email only**
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Method changes require Teklab authorization. Samples collected from an IL site.
Batch QC is required for all analyses requested. Vistra-EDD requested.

Project# 25010182

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standard TAT | Billing/PO: 37815 | Phone: (618) 344-1004 ext 33

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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228	Radium 226	Radium 228
	25010182-034	1/27/25 1300	HNO3	Groundwater	✔		
	25010182-035	1/27/25 0951	HNO3	Groundwater	✔		
	25010182-036	1/22/25 1332	HNO3	Groundwater	✔		
	25010182-037	1/24/25 1134	HNO3	Groundwater	✔		
	25010182-038	1/22/25 1237	HNO3	Groundwater	✔		
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	1/28/25 0915	[signature]	1/28/25 0915
	1/28/25 1030	Sierra Worthington	1/28/25 1030

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SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2025
BALDWIN POWER PLANT, FLY ASH POND SYSTEM
BAL-845-605

2/21/2025

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Friday, January 31, 2025 11:05 AM
To: Rico Padilla
Cc: Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Please also update 25010182-001 collection time from 1425 to 1424 (per field file). 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

From: Elizabeth A. Hurley
Sent: Friday, January 31, 2025 10:55 AM
To: 'Rico.Padilla@et.eurofinsus.com' <Rico.Padilla@et.eurofinsus.com>
Cc: Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Thanks, Rico.

The field team identified a transcription error. 25010182-003 should be reported as collected at 1042 rather than 1046. Please update as needed prior to final reporting.

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

From: Rico Padilla <TALS@reports.et.eurofinsus.com>
Sent: Wednesday, January 29, 2025 11:26 AM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Cc: Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Hello,

Attached, please find the sample confirmation files for job 160-57034-1; Radium-226 and Radium-228.

The samples were received on 1/28/2025 10:30 AM.

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 or your PM, Erika Smith, if you have any questions.

Thank you,

Rico Padilla

Project Manager Assistant

Eurofins St. Louis

E-mail: Rico.Padilla@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [160-321931]
Attachments: 1

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

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Friday, January 31, 2025 11:09 AM
To: Rico Padilla
Cc: Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Please also correct 25010182-019 collection time from 1420 to 1417 (per field file). All others have been confirmed.

Thanks, again.

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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Cc: 'Erika Smith' <Erika.Smith@et.eurofinsus.com>
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Please also update 25010182-001 collection time from 1425 to 1424 (per field file). 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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Sent: Friday, January 31, 2025 10:55 AM
To: 'Rico.Padilla@et.eurofinsus.com' <Rico.Padilla@et.eurofinsus.com>
Cc: Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-57034-1 Radium-226 and Radium-228

Thanks, Rico.

The field team identified a transcription error. 25010182-003 should be reported as collected at 1042 rather than 1046. Please update as needed prior to final reporting.

Best,

Elizabeth Hurley
Director of Customer Service

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Sent: Wednesday, January 29, 2025 11:26 AM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Cc: Erika Smith <Erika.Smith@et.eurofinsus.com>
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Please feel free to contact me or your PM, Erika Smith, if you have any questions.

Thank you,

Rico Padilla
Project Manager Assistant

Eurofins St. Louis

E-mail: Rico.Padilla@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [160-321931]
Attachments: 1

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

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Sent: Friday, January 31, 2025 10:55 AM
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Director of Customer Service

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

Rico Padilla
Project Manager Assistant

Eurofins St. Louis

E-mail: Rico.Padilla@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [160-321931]
Attachments: 1

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

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57034-1
SDG Number: 25010182

Login Number: 57034
List Number: 1
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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: 160-57034-1
SDG: 25010182

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: 160-57034-1
SDG: 25010182

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: 160-57034-1
SDG: 25010182

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57034-1	25010182-001	Water	01/22/25 14:24	01/28/25 10:30
160-57034-2	25010182-002	Water	01/23/25 13:27	01/28/25 10:30
160-57034-3	25010182-003	Water	01/27/25 10:42	01/28/25 10:30
160-57034-4	25010182-004	Water	01/23/25 10:07	01/28/25 10:30
160-57034-5	25010182-005	Water	01/22/25 13:10	01/28/25 10:30
160-57034-6	25010182-006	Water	01/22/25 13:49	01/28/25 10:30
160-57034-7	25010182-007	Water	01/27/25 10:26	01/28/25 10:30
160-57034-8	25010182-008	Water	01/27/25 10:54	01/28/25 10:30
160-57034-9	25010182-009	Water	01/27/25 09:51	01/28/25 10:30
160-57034-10	25010182-010	Water	01/27/25 10:16	01/28/25 10:30
160-57034-11	25010182-011	Water	01/23/25 10:36	01/28/25 10:30
160-57034-12	25010182-012	Water	01/22/25 13:32	01/28/25 10:30
160-57034-13	25010182-013	Water	01/22/25 13:38	01/28/25 10:30
160-57034-14	25010182-014	Water	01/27/25 09:55	01/28/25 10:30
160-57034-15	25010182-015	Water	01/23/25 11:47	01/28/25 10:30
160-57034-16	25010182-016	Water	01/24/25 11:34	01/28/25 10:30
160-57034-17	25010182-017	Water	01/23/25 10:05	01/28/25 10:30
160-57034-18	25010182-018	Water	01/23/25 13:44	01/28/25 10:30
160-57034-19	25010182-019	Water	01/23/25 14:17	01/28/25 10:30
160-57034-20	25010182-020	Water	01/23/25 10:52	01/28/25 10:30
160-57034-21	25010182-021	Water	01/23/25 13:04	01/28/25 10:30
160-57034-22	25010182-022	Water	01/23/25 12:23	01/28/25 10:30
160-57034-23	25010182-023	Water	01/23/25 12:29	01/28/25 10:30
160-57034-24	25010182-024	Water	01/23/25 11:55	01/28/25 10:30
160-57034-25	25010182-025	Water	01/23/25 09:24	01/28/25 10:30
160-57034-26	25010182-027	Water	01/22/25 12:37	01/28/25 10:30
160-57034-27	25010182-028	Water	01/22/25 14:13	01/28/25 10:30
160-57034-28	25010182-029	Water	01/22/25 14:41	01/28/25 10:30
160-57034-29	25010182-030	Water	01/27/25 11:19	01/28/25 10:30
160-57034-30	25010182-031	Water	01/22/25 09:46	01/28/25 10:30
160-57034-31	25010182-032	Water	01/22/25 09:14	01/28/25 10:30
160-57034-32	25010182-033	Water	01/27/25 12:02	01/28/25 10:30
160-57034-33	25010182-034	Water	01/27/25 13:00	01/28/25 10:30
160-57034-34	25010182-035	Water	01/27/25 09:51	01/28/25 10:30
160-57034-35	25010182-036	Water	01/22/25 13:32	01/28/25 10:30
160-57034-36	25010182-037	Water	01/24/25 11:34	01/28/25 10:30
160-57034-37	25010182-038	Water	01/22/25 12:37	01/28/25 10:30

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-001
Date Collected: 01/22/25 14:24
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-1
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.132**		0.0891	0.0899	1.00	0.125	pCi/L	01/30/25 07:29	02/21/25 07:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:20*	*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	0.0941	U	0.381	0.381	1.00	0.679	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*80.7*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*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	0.226	U	0.391	0.391	5.00	0.679	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-002
Date Collected: 01/23/25 13:27
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-2
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.220**		0.141	0.143	1.00	0.194	pCi/L	01/30/25 07:29	02/21/25 07:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.5*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:22*	*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	0.688	U G	0.683	0.686	1.00	1.10	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.5*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*78.1*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.908	U	0.697	0.701	5.00	1.10	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-003
Date Collected: 01/27/25 10:42
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-3
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.117	0.118	1.00	0.169	pCi/L	01/30/25 07:29	02/21/25 07:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:22*	*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	**1.07**		0.631	0.638	1.00	0.921	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*83.7*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*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	**1.23**		0.642	0.649	5.00	0.921	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-004
Date Collected: 01/23/25 10:07
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-4
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.38**		0.537	0.578	1.00	0.367	pCi/L	01/30/25 07:29	02/21/25 07:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*47.7*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:22*	*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	1.84	U G	1.77	1.78	1.00	2.85	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*47.7*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*80.0*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*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	**4.22**		1.85	1.87	5.00	2.85	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-005
Date Collected: 01/22/25 13:10
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.130	U	0.101	0.101	1.00	0.146	pCi/L	01/30/25 07:29	02/21/25 07:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.4*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:23*	*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	0.0791	U	0.535	0.535	1.00	0.962	pCi/L	01/30/25 07:33	02/14/25 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:46*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:46*	*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	0.209	U	0.544	0.544	5.00	0.962	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-006
Date Collected: 01/22/25 13:49
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-6
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.129	0.129	1.00	0.207	pCi/L	01/30/25 07:29	02/21/25 07:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:23*	*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	0.363	U	0.579	0.580	1.00	0.985	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*78.1*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*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	0.483	U	0.593	0.594	5.00	0.985	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-007
Date Collected: 01/27/25 10:26
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-7
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.174	U	0.129	0.130	1.00	0.186	pCi/L	01/30/25 07:29	02/21/25 07:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:23*	*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	0.179	U G	0.629	0.629	1.00	1.12	pCi/L	01/30/25 07:33	02/14/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*1*
Y Carrier	*73.6*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:45*	*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	0.353	U	0.642	0.642	5.00	1.12	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-008
Date Collected: 01/27/25 10:54
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-8
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.145**		0.0881	0.0891	1.00	0.113	pCi/L	01/30/25 07:29	02/21/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:31*	*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	0.272	U	0.463	0.464	1.00	0.789	pCi/L	01/30/25 07:33	02/14/25 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:44*	*1*
Y Carrier	*77.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.418	U	0.471	0.472	5.00	0.789	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-009
Date Collected: 01/27/25 09:51
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.333		0.135	0.139	1.00	0.158	pCi/L	01/30/25 07:29	02/21/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.9*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:31*	*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	0.772		0.418	0.424	1.00	0.597	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.9*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*82.6*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.10		0.439	0.446	5.00	0.597	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-010
Date Collected: 01/27/25 10:16
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-10
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0340	U	0.0903	0.0904	1.00	0.165	pCi/L	01/30/25 07:29	02/21/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:31*	*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	-0.197	U	0.326	0.326	1.00	0.675	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*77.8*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0340	U	0.338	0.338	5.00	0.675	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-011
Date Collected: 01/23/25 10:36
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-11
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.370**		0.202	0.205	1.00	0.248	pCi/L	01/30/25 07:29	02/21/25 07:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.1*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:31*	*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	0.620	U G	0.670	0.672	1.00	1.09	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.1*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*78.1*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.990	U	0.700	0.703	5.00	1.09	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-012
Date Collected: 01/22/25 13:32
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-12
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.110	U	0.0865	0.0871	1.00	0.121	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.4*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.277	U	0.487	0.487	1.00	0.834	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*72.1*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.387	U	0.495	0.495	5.00	0.834	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-013
Date Collected: 01/22/25 13:38
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-13
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.413**		0.157	0.161	1.00	0.149	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.267	U	0.498	0.499	1.00	0.862	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*75.5*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.680	U	0.522	0.524	5.00	0.862	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-014
Date Collected: 01/27/25 09:55
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-14
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.379**		0.131	0.136	1.00	0.113	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.0*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.307	U	0.442	0.443	1.00	0.745	pCi/L	01/30/25 07:33	02/14/25 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.0*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*
Y Carrier	*76.6*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:47*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.686	U	0.461	0.463	5.00	0.745	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-015
Date Collected: 01/23/25 11:47
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-15
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.213		0.112	0.114	1.00	0.143	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.806		0.406	0.413	1.00	0.557	pCi/L	01/30/25 07:33	02/14/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.8*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*
Y Carrier	*76.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.02		0.421	0.428	5.00	0.557	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-016
Date Collected: 01/24/25 11:34
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-16
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.353		0.139	0.143	1.00	0.139	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.0772	U	0.435	0.435	1.00	0.787	pCi/L	01/30/25 07:33	02/14/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*
Y Carrier	*80.0*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*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	0.431	U	0.457	0.458	5.00	0.787	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-017
Date Collected: 01/23/25 10:05
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-17
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.398**		0.135	0.139	1.00	0.134	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.369	U	0.522	0.523	1.00	0.878	pCi/L	01/30/25 07:33	02/14/25 14:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*01/30/25 07:33*	*02/14/25 14:51*	*1*
Y Carrier	*80.0*		*30 - 110*	*01/30/25 07:33*	*02/14/25 14:51*	*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	0.767	U	0.539	0.541	5.00	0.878	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-018
Date Collected: 01/23/25 13:44
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-18
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.300**		0.170	0.172	1.00	0.234	pCi/L	01/30/25 07:29	02/21/25 07:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:32*	*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	0.472	U	0.510	0.511	1.00	0.830	pCi/L	01/30/25 07:33	02/14/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*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	0.772	U	0.538	0.539	5.00	0.830	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-019
Date Collected: 01/23/25 14:17
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-19
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.375**		0.132	0.136	1.00	0.125	pCi/L	01/30/25 07:29	02/21/25 09:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*30 - 110*	*01/30/25 07:29*	*02/21/25 09:24*	*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	0.639	U	0.461	0.465	1.00	0.696	pCi/L	01/30/25 07:33	02/14/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.3*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*
Y Carrier	*71.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:48*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.01**		0.480	0.484	5.00	0.696	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-020
Date Collected: 01/23/25 10:52
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-20
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.444**		0.210	0.214	1.00	0.254	pCi/L	01/30/25 07:40	02/21/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.2*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:25*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.423	U	0.592	0.594	1.00	0.995	pCi/L	01/30/25 07:44	02/17/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.2*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*1*
Y Carrier	*81.9*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*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	0.867	U	0.628	0.631	5.00	0.995	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-021
Date Collected: 01/23/25 13:04
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-21
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.366		0.174	0.177	1.00	0.197	pCi/L	01/30/25 07:40	02/21/25 09:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:26*	*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	0.497	U	0.579	0.581	1.00	0.953	pCi/L	01/30/25 07:44	02/17/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*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	0.864	U	0.605	0.607	5.00	0.953	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-022
Date Collected: 01/23/25 12:23
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-22
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.281	U	0.214	0.215	1.00	0.301	pCi/L	01/30/25 07:40	02/21/25 09:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:26*	*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	0.932	U G	0.848	0.852	1.00	1.34	pCi/L	01/30/25 07:44	02/17/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.21	U	0.875	0.879	5.00	1.34	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-023
Date Collected: 01/23/25 12:29
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-23
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0638	U	0.0859	0.0861	1.00	0.144	pCi/L	01/30/25 07:40	02/21/25 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:27*	*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	0.0525	U	0.300	0.300	1.00	0.547	pCi/L	01/30/25 07:44	02/17/25 12:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*1*
Y Carrier	*83.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:48*	*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	0.116	U	0.312	0.312	5.00	0.547	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-024
Date Collected: 01/23/25 11:55
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-24
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.155	U	0.138	0.139	1.00	0.206	pCi/L	01/30/25 07:40	02/21/25 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:27*	*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	U	0.553	0.556	1.00	0.866	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.8*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*83.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.807	U	0.570	0.573	5.00	0.866	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Job ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-025
Date Collected: 01/23/25 09:24
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-25
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.296**		0.121	0.124	1.00	0.116	pCi/L	01/30/25 07:40	02/21/25 09:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:27*	*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	0.395	U	0.325	0.327	1.00	0.502	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*82.2*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.692**		0.347	0.350	5.00	0.502	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-027
Date Collected: 01/22/25 12:37
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-26
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.292**		0.154	0.156	1.00	0.184	pCi/L	01/30/25 07:40	02/21/25 09:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:36*	*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	0.489	U	0.435	0.437	1.00	0.681	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*80.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.781**		0.461	0.464	5.00	0.681	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-028
Date Collected: 01/22/25 14:13
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-27
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00913	U	0.0879	0.0879	1.00	0.178	pCi/L	01/30/25 07:40	02/21/25 09:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:36*	*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	0.285	0.285	1.00	0.582	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.9*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*78.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.000	U	0.298	0.298	5.00	0.582	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-029
Date Collected: 01/22/25 14:41
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-28
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.627**		0.175	0.184	1.00	0.163	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.7*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0950	U	0.302	0.302	1.00	0.539	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*82.6*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.722**		0.349	0.354	5.00	0.539	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Job ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-030
Date Collected: 01/27/25 11:19
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-29
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.169**		0.112	0.113	1.00	0.150	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.150	U	0.324	0.325	1.00	0.571	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*78.9*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.319	U	0.343	0.344	5.00	0.571	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-031
Date Collected: 01/22/25 09:46
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-30
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.325**		0.130	0.134	1.00	0.127	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.619**		0.375	0.379	1.00	0.542	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*85.2*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.944**		0.397	0.402	5.00	0.542	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-032
Date Collected: 01/22/25 09:14
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-31
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0735	U	0.0869	0.0871	1.00	0.141	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0379	U	0.376	0.376	1.00	0.691	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.8*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.111	U	0.386	0.386	5.00	0.691	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-033
Date Collected: 01/27/25 12:02
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-32
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.125	U	0.100	0.101	1.00	0.141	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.7*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.251	U	0.292	0.293	1.00	0.645	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.125	U	0.309	0.310	5.00	0.645	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-034
Date Collected: 01/27/25 13:00
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-33
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0548	U	0.103	0.103	1.00	0.183	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.391	U	0.416	0.418	1.00	0.677	pCi/L	01/30/25 07:44	02/17/25 12:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.2*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*
Y Carrier	*81.9*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:49*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.446	U	0.429	0.431	5.00	0.677	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-035
Date Collected: 01/27/25 09:51
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-34
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.315**		0.156	0.158	1.00	0.178	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.00942	U	0.479	0.479	1.00	0.885	pCi/L	01/30/25 07:44	02/17/25 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.315	U	0.504	0.504	5.00	0.885	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Lab ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-036
Date Collected: 01/22/25 13:32
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-35
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0864	U	0.0971	0.0974	1.00	0.157	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0487	U	0.316	0.316	1.00	0.601	pCi/L	01/30/25 07:44	02/17/25 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.0864	U	0.331	0.331	5.00	0.601	pCi/L		02/21/25 15:13	1

Client Sample ID: 25010182-037
Date Collected: 01/24/25 11:34
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-36
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.441**		0.218	0.221	1.00	0.287	pCi/L	01/30/25 07:40	02/21/25 09:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.4*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.622	U	0.493	0.497	1.00	0.761	pCi/L	01/30/25 07:44	02/17/25 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.4*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*
Y Carrier	*82.6*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.06**		0.539	0.544	5.00	0.761	pCi/L		02/21/25 15:13	1

Client Sample Results

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

Job ID: 160-57034-1
SDG: 25010182

Client Sample ID: 25010182-038
Date Collected: 01/22/25 12:37
Date Received: 01/28/25 10:30

Lab Sample ID: 160-57034-37
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.121	U	0.0975	0.0981	1.00	0.143	pCi/L	01/30/25 07:40	02/21/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:34*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0851	U	0.333	0.333	1.00	0.597	pCi/L	01/30/25 07:44	02/17/25 12:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*
Y Carrier	*80.7*		*30 - 110*	*01/30/25 07:44*	*02/17/25 12:44*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.206	U	0.347	0.347	5.00	0.597	pCi/L		02/21/25 15:13	1

QC Sample Results

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

Job ID: 160-57034-1
SDG: 25010182

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-700523/1-A
Matrix: Water
Analysis Batch: 704203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700523

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.05733	U	0.0704	0.0706	1.00	0.116	pCi/L	01/30/25 07:29	02/21/25 07:20	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*30 - 110*	*01/30/25 07:29*	*02/21/25 07:20*	*1*

Lab Sample ID: LCS 160-700523/2-A
Matrix: Water
Analysis Batch: 704203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700523

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.430		1.02	1.00	0.116	pCi/L	98	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.5*		*30 - 110*

Lab Sample ID: 160-57034-1 DU
Matrix: Water
Analysis Batch: 704206

Client Sample ID: 25010182-001
Prep Type: Total/NA
Prep Batch: 700523

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.132			0.08307	U	0.0826	1.00	0.130	pCi/L			0.29	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.1*		*30 - 110*

Lab Sample ID: MB 160-700526/1-A
Matrix: Water
Analysis Batch: 704203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700526

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1738		0.108	0.109	1.00	0.141	pCi/L	01/30/25 07:40	02/21/25 09:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*01/30/25 07:40*	*02/21/25 09:25*	*1*

Lab Sample ID: LCS 160-700526/2-A
Matrix: Water
Analysis Batch: 704203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700526

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.762		0.996	1.00	0.198	pCi/L	91	75 - 125		

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

Lab Sample ID: LCS 160-700526/2-A
Matrix: Water
Analysis Batch: 704203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700526

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.5*		*30 - 110*

Lab Sample ID: 160-57034-21 DU
Matrix: Water
Analysis Batch: 704203

Client Sample ID: 25010182-021
Prep Type: Total/NA
Prep Batch: 700526

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.366			0.2342		0.146	1.00	0.190	pCi/L			0.41	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*87.2*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-700524/1-A
Matrix: Water
Analysis Batch: 703042

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700524

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4655	U	0.440	0.442	1.00	0.704	pCi/L	01/30/25 07:33	02/14/25 11:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.4*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:46*	*1*
Y Carrier	*79.6*		*30 - 110*	*01/30/25 07:33*	*02/14/25 11:46*	*1*

Lab Sample ID: LCS 160-700524/2-A
Matrix: Water
Analysis Batch: 703042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700524

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.10	9.215		1.33	1.00	0.621	pCi/L	114	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.5*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

Lab Sample ID: 160-57034-1 DU
Matrix: Water
Analysis Batch: 703042

Client Sample ID: 25010182-001
Prep Type: Total/NA
Prep Batch: 700524

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.0941	U		0.1234	U	0.401	1.00	0.709	pCi/L			0.04	1

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

Lab Sample ID: 160-57034-1 DU
Matrix: Water
Analysis Batch: 703042

Client Sample ID: 25010182-001
Prep Type: Total/NA
Prep Batch: 700524

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	92.1		30 - 110
Y Carrier	78.9		30 - 110

Lab Sample ID: MB 160-700527/1-A
Matrix: Water
Analysis Batch: 703376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 700527

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0000	U	0.247	0.247	1.00	0.476	pCi/L	01/30/25 07:44	02/17/25 12:48	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110	01/30/25 07:44	02/17/25 12:48	1
Y Carrier	84.9		30 - 110	01/30/25 07:44	02/17/25 12:48	1

Lab Sample ID: LCS 160-700527/2-A
Matrix: Water
Analysis Batch: 703376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 700527

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.09	9.862		1.37	1.00	0.598	pCi/L	122	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.5		30 - 110
Y Carrier	81.5		30 - 110

Lab Sample ID: 160-57034-21 DU
Matrix: Water
Analysis Batch: 703376

Client Sample ID: 25010182-021
Prep Type: Total/NA
Prep Batch: 700527

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.497	U		0.003151	U	0.413	1.00	0.773	pCi/L			0.50	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.2		30 - 110
Y Carrier	83.0		30 - 110

QC Association Summary

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

Job ID: 160-57034-1
SDG: 25010182

Rad

Prep Batch: 700523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57034-1	25010182-001	Total/NA	Water	PrecSep-21	
160-57034-2	25010182-002	Total/NA	Water	PrecSep-21	
160-57034-3	25010182-003	Total/NA	Water	PrecSep-21	
160-57034-4	25010182-004	Total/NA	Water	PrecSep-21	
160-57034-5	25010182-005	Total/NA	Water	PrecSep-21	
160-57034-6	25010182-006	Total/NA	Water	PrecSep-21	
160-57034-7	25010182-007	Total/NA	Water	PrecSep-21	
160-57034-8	25010182-008	Total/NA	Water	PrecSep-21	
160-57034-9	25010182-009	Total/NA	Water	PrecSep-21	
160-57034-10	25010182-010	Total/NA	Water	PrecSep-21	
160-57034-11	25010182-011	Total/NA	Water	PrecSep-21	
160-57034-12	25010182-012	Total/NA	Water	PrecSep-21	
160-57034-13	25010182-013	Total/NA	Water	PrecSep-21	
160-57034-14	25010182-014	Total/NA	Water	PrecSep-21	
160-57034-15	25010182-015	Total/NA	Water	PrecSep-21	
160-57034-16	25010182-016	Total/NA	Water	PrecSep-21	
160-57034-17	25010182-017	Total/NA	Water	PrecSep-21	
160-57034-18	25010182-018	Total/NA	Water	PrecSep-21	
160-57034-19	25010182-019	Total/NA	Water	PrecSep-21	
MB 160-700523/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-700523/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57034-1 DU	25010182-001	Total/NA	Water	PrecSep-21	

Prep Batch: 700524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57034-1	25010182-001	Total/NA	Water	PrecSep_0	
160-57034-2	25010182-002	Total/NA	Water	PrecSep_0	
160-57034-3	25010182-003	Total/NA	Water	PrecSep_0	
160-57034-4	25010182-004	Total/NA	Water	PrecSep_0	
160-57034-5	25010182-005	Total/NA	Water	PrecSep_0	
160-57034-6	25010182-006	Total/NA	Water	PrecSep_0	
160-57034-7	25010182-007	Total/NA	Water	PrecSep_0	
160-57034-8	25010182-008	Total/NA	Water	PrecSep_0	
160-57034-9	25010182-009	Total/NA	Water	PrecSep_0	
160-57034-10	25010182-010	Total/NA	Water	PrecSep_0	
160-57034-11	25010182-011	Total/NA	Water	PrecSep_0	
160-57034-12	25010182-012	Total/NA	Water	PrecSep_0	
160-57034-13	25010182-013	Total/NA	Water	PrecSep_0	
160-57034-14	25010182-014	Total/NA	Water	PrecSep_0	
160-57034-15	25010182-015	Total/NA	Water	PrecSep_0	
160-57034-16	25010182-016	Total/NA	Water	PrecSep_0	
160-57034-17	25010182-017	Total/NA	Water	PrecSep_0	
160-57034-18	25010182-018	Total/NA	Water	PrecSep_0	
160-57034-19	25010182-019	Total/NA	Water	PrecSep_0	
MB 160-700524/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-700524/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57034-1 DU	25010182-001	Total/NA	Water	PrecSep_0	

Prep Batch: 700526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57034-20	25010182-020	Total/NA	Water	PrecSep-21	

QC Association Summary

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

Lab ID: 160-57034-1
SDG: 25010182

Rad (Continued)

Prep Batch: 700526 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57034-21	25010182-021	Total/NA	Water	PrecSep-21	
160-57034-22	25010182-022	Total/NA	Water	PrecSep-21	
160-57034-23	25010182-023	Total/NA	Water	PrecSep-21	
160-57034-24	25010182-024	Total/NA	Water	PrecSep-21	
160-57034-25	25010182-025	Total/NA	Water	PrecSep-21	
160-57034-26	25010182-027	Total/NA	Water	PrecSep-21	
160-57034-27	25010182-028	Total/NA	Water	PrecSep-21	
160-57034-28	25010182-029	Total/NA	Water	PrecSep-21	
160-57034-29	25010182-030	Total/NA	Water	PrecSep-21	
160-57034-30	25010182-031	Total/NA	Water	PrecSep-21	
160-57034-31	25010182-032	Total/NA	Water	PrecSep-21	
160-57034-32	25010182-033	Total/NA	Water	PrecSep-21	
160-57034-33	25010182-034	Total/NA	Water	PrecSep-21	
160-57034-34	25010182-035	Total/NA	Water	PrecSep-21	
160-57034-35	25010182-036	Total/NA	Water	PrecSep-21	
160-57034-36	25010182-037	Total/NA	Water	PrecSep-21	
160-57034-37	25010182-038	Total/NA	Water	PrecSep-21	
MB 160-700526/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-700526/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57034-21 DU	25010182-021	Total/NA	Water	PrecSep-21	

Prep Batch: 700527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57034-20	25010182-020	Total/NA	Water	PrecSep_0	
160-57034-21	25010182-021	Total/NA	Water	PrecSep_0	
160-57034-22	25010182-022	Total/NA	Water	PrecSep_0	
160-57034-23	25010182-023	Total/NA	Water	PrecSep_0	
160-57034-24	25010182-024	Total/NA	Water	PrecSep_0	
160-57034-25	25010182-025	Total/NA	Water	PrecSep_0	
160-57034-26	25010182-027	Total/NA	Water	PrecSep_0	
160-57034-27	25010182-028	Total/NA	Water	PrecSep_0	
160-57034-28	25010182-029	Total/NA	Water	PrecSep_0	
160-57034-29	25010182-030	Total/NA	Water	PrecSep_0	
160-57034-30	25010182-031	Total/NA	Water	PrecSep_0	
160-57034-31	25010182-032	Total/NA	Water	PrecSep_0	
160-57034-32	25010182-033	Total/NA	Water	PrecSep_0	
160-57034-33	25010182-034	Total/NA	Water	PrecSep_0	
160-57034-34	25010182-035	Total/NA	Water	PrecSep_0	
160-57034-35	25010182-036	Total/NA	Water	PrecSep_0	
160-57034-36	25010182-037	Total/NA	Water	PrecSep_0	
160-57034-37	25010182-038	Total/NA	Water	PrecSep_0	
MB 160-700527/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-700527/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57034-21 DU	25010182-021	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Job ID: 160-57034-1
SDG: 25010182

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)						
160-57034-1	25010182-001	92.6						
160-57034-1 DU	25010182-001	92.1						
160-57034-2	25010182-002	74.5						
160-57034-3	25010182-003	80.9						
160-57034-4	25010182-004	47.7						
160-57034-5	25010182-005	68.4						
160-57034-6	25010182-006	79.3						
160-57034-7	25010182-007	77.3						
160-57034-8	25010182-008	87.2						
160-57034-9	25010182-009	83.9						
160-57034-10	25010182-010	74.2						
160-57034-11	25010182-011	79.1						
160-57034-12	25010182-012	72.4						
160-57034-13	25010182-013	80.4						
160-57034-14	25010182-014	75.0						
160-57034-15	25010182-015	89.8						
160-57034-16	25010182-016	91.8						
160-57034-17	25010182-017	83.2						
160-57034-18	25010182-018	82.7						
160-57034-19	25010182-019	76.3						
160-57034-20	25010182-020	72.2						
160-57034-21	25010182-021	80.4						
160-57034-21 DU	25010182-021	87.2						
160-57034-22	25010182-022	77.3						
160-57034-23	25010182-023	94.9						
160-57034-24	25010182-024	76.8						
160-57034-25	25010182-025	91.6						
160-57034-26	25010182-027	88.8						
160-57034-27	25010182-028	93.9						
160-57034-28	25010182-029	99.7						
160-57034-29	25010182-030	82.7						
160-57034-30	25010182-031	90.1						
160-57034-31	25010182-032	78.8						
160-57034-32	25010182-033	74.7						
160-57034-33	25010182-034	86.2						
160-57034-34	25010182-035	87.5						
160-57034-35	25010182-036	88.8						
160-57034-36	25010182-037	83.4						
160-57034-37	25010182-038	90.3						
LCS 160-700523/2-A	Lab Control Sample	86.5						
LCS 160-700526/2-A	Lab Control Sample	88.5						
MB 160-700523/1-A	Method Blank	84.4						
MB 160-700526/1-A	Method Blank	89.0						

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

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

Job ID: 160-57034-1
SDG: 25010182

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-57034-1	25010182-001	92.6	80.7
160-57034-1 DU	25010182-001	92.1	78.9
160-57034-2	25010182-002	74.5	78.1
160-57034-3	25010182-003	80.9	83.7
160-57034-4	25010182-004	47.7	80.0
160-57034-5	25010182-005	68.4	79.3
160-57034-6	25010182-006	79.3	78.1
160-57034-7	25010182-007	77.3	73.6
160-57034-8	25010182-008	87.2	77.4
160-57034-9	25010182-009	83.9	82.6
160-57034-10	25010182-010	74.2	77.8
160-57034-11	25010182-011	79.1	78.1
160-57034-12	25010182-012	72.4	72.1
160-57034-13	25010182-013	80.4	75.5
160-57034-14	25010182-014	75.0	76.6
160-57034-15	25010182-015	89.8	76.3
160-57034-16	25010182-016	91.8	80.0
160-57034-17	25010182-017	83.2	80.0
160-57034-18	25010182-018	82.7	79.3
160-57034-19	25010182-019	76.3	71.4
160-57034-20	25010182-020	72.2	81.9
160-57034-21	25010182-021	80.4	81.1
160-57034-21 DU	25010182-021	87.2	83.0
160-57034-22	25010182-022	77.3	79.3
160-57034-23	25010182-023	94.9	83.7
160-57034-24	25010182-024	76.8	83.7
160-57034-25	25010182-025	91.6	82.2
160-57034-26	25010182-027	88.8	80.7
160-57034-27	25010182-028	93.9	78.1
160-57034-28	25010182-029	99.7	82.6
160-57034-29	25010182-030	82.7	78.9
160-57034-30	25010182-031	90.1	85.2
160-57034-31	25010182-032	78.8	81.1
160-57034-32	25010182-033	74.7	81.1
160-57034-33	25010182-034	86.2	81.9
160-57034-34	25010182-035	87.5	81.1
160-57034-35	25010182-036	88.8	81.1
160-57034-36	25010182-037	83.4	82.6
160-57034-37	25010182-038	90.3	80.7
LCS 160-700524/2-A	Lab Control Sample	86.5	81.9
LCS 160-700527/2-A	Lab Control Sample	88.5	81.5
MB 160-700524/1-A	Method Blank	84.4	79.6
MB 160-700527/1-A	Method Blank	89.0	84.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-150
Project Location: Baldwin, IL **Sample ID:** 003
W.O. Number (s): 25010181 **Date (s):** 1/22/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 29 °F Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/22/2025 13:50
Static Water Level: 18.29 feet below TOC
Total Depth: 27.90 feet below TOC
Water Column: 9.61 feet

Purging Activities

Purged By: BG Purge Date: 1/22/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.61 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 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
13:50	0.0	118	purge start time						
14:09	2.2	↓	7.09	673.30	12.92	2.42	-78.40	53.39	
14:12	2.6		7.09	665.70	12.97	2.53	-77.00	36.02	
14:15	2.9		7.10	654.50	12.81	2.65	-75.50	25.46	
14:18	3.3		7.10	643.50	12.79	2.69	-74.40	23.18	
14:21	3.6		7.10	635.50	12.77	2.67	-73.50	19.32	
14:24	4.0		7.10	627.30	12.82	2.64	-72.80	15.64	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/22/2025 14:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.10 pH 627.30 Spec. Cond. 12.82 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 18.68 feet below TOC Drawdown: 0.39 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/22/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-151
Project Location:	Baldwin, IL	**Sample ID:**	004
W.O. Number (s):	25010181	**Date (s):**	1/22/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/23/2025 13:04
Static Water Level: 8.94 feet below TOC
Total Depth: 19.00 feet below TOC
Water Column: 10.06 feet

Purging Activities

Purged By: BG Purge Date: 1/22/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.06 ft. x 0.022 = 0.22 L x 3 Vol. = 0.66 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 Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:04	0.0	174	purge start time						
13:15	1.9	↓	7.00	490.70	11.59	2.48	-68.40	63.75	
13:18	2.5		6.99	481.80	11.82	2.05	-65.40	50.44	
13:21	3.0		6.98	474.70	11.83	1.74	-62.70	44.38	
13:24	3.5		6.96	469.10	11.99	1.53	-60.40	60.73	
13:27	4.0		6.95	464.70	12.05	1.32	-58.50	76.99	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/22/2025 13:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.95 pH 464.70 Spec. Cond. 12.05 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.17 feet below TOC Drawdown: 0.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/22/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-152
Project Location:	Baldwin, IL	**Sample ID:**	005
W.O. Number (s):	25010181	**Date (s):**	1/27/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/27/2025 10:19
Static Water Level: 5.96 feet below TOC
Total Depth: 20.00 feet below TOC
Water Column: 14.04 feet

Purging Activities

Purged By: BG Purge Date: 1/27/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.04 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 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
10:20	0.0	182	purge start time						
10:33	2.4	↓	6.84	461.20	8.92	1.12	-10.40	250.35	
10:36	2.9		6.79	456.30	9.27	1.00	-10.60	198.28	
10:39	3.5		6.78	453.70	9.21	0.97	-11.60	158.53	
10:42	4.0		6.79	446.90	9.18	0.94	-13.10	132.06	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/27/2025 10:42
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.79 pH 446.90 Spec. Cond. 9.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.26 feet below TOC Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/27/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-153
Project Location:	Baldwin, IL	**Sample ID:**	006
W.O. Number (s):	25010181	**Date (s):**	1/23/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/23/2025 9:48
Static Water Level: 11.01 feet below TOC
Total Depth: 23.40 feet below TOC
Water Column: 12.39 feet

Purging Activities

Purged By: JC — Purge Date: 1/23/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 12.39 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy — Odor: Slight — Color: orange

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
9:48	0.0	263	purge start time						
10:01	3.4	↓	6.93	990.20	13.42	1.22	45.50	1420.28	
10:04	4.2		6.91	996.20	13.36	1.24	44.50	1182.92	
10:07	5.0		6.90	1,007.50	13.37	1.27	44.00	979.14	

Sampling Activities

Sampled By: JC — Sample Date/Time: 1/23/2025 10:07
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH — 1,007.50 Spec. Cond. — 13.37 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 11.98 feet below TOC — Drawdown: 0.97 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By: Justin Colp — **Date:** 1/23/2025

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-252
Project Location: Baldwin, IL **Sample ID:** 014
W.O. Number (s): 25010181 **Date (s):** 1/27/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☑ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good			
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/27/2025 9:58
Static Water Level: 3.47 feet below TOC
Total Depth: 52.30 feet below TOC
Water Column: 48.83 feet

Purging Activities

Purged By: BG Purge Date: 1/27/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 48.83 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 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
9:58	0.0	194	purge start time						
10:03	1.1	↓	7.16	615.20	12.03	4.35	-8.70	4.14	
10:06	1.7		7.16	589.90	10.74	5.36	-5.10	4.53	
10:07	1.8		7.16	587.20	10.70	5.40	-5.00	3.31	
10:10	2.3		7.18	568.80	10.51	4.93	-4.50	3.57	
10:13	2.9		7.19	556.60	10.50	5.05	-3.70	3.23	
10:16	3.5		7.20	546.60	10.54	5.24	-2.80	3.27	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/27/2025 10:16
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.20 pH 546.60 Spec. Cond. 10.54 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.58 feet below TOC Drawdown: 0.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/27/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-253R
Project Location:	Baldwin, IL	**Sample ID:**	015
W.O. Number (s):	25010181	**Date (s):**	1/23/2025

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy — Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/23/2025 10:08
Static Water Level: 14.61 feet below TOC
Total Depth: 38.49 feet below TOC
Water Column: 23.88 feet

Purging Activities

Purged By: JC — Purge Date: 1/23/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 23.88 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: Cloudy — Odor: None — Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:19	0.0	118	purge start time						
10:27	0.9	↓	6.72	2,443.30	12.27	0.92	-172.70	71.85	
10:30	1.3		6.67	2,607.90	13.24	0.22	-182.90	104.26	
10:33	1.6		6.65	2,689.80	14.17	0.12	-187.40	126.61	
10:36	2.0		6.67	2,639.10	12.72	0.11	-190.80	115.44	

Sampling Activities

Sampled By: JC — Sample Date/Time: 1/23/2025 10:36
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.67 pH — 2,639.10 Spec. Cond. — 12.72 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 17.52 feet below TOC — Drawdown: 2.91 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
- Low flow rate out of bladder pump

Form Completed By: Justin Colp — **Date:** 1/23/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-304
Project Location:	Baldwin, IL	**Sample ID:**	016
W.O. Number (s):	25010181	**Date (s):**	1/22/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/22/2025 13:03
Static Water Level: 8.99 feet below TOC
Total Depth: 57.50 feet below TOC
Water Column: 48.51 feet

Purging Activities

Purged By: TC Purge Date: 1/22/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 48.51 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 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
13:04	0.0	161	purge start time						
13:20	2.6	↓	7.89	2,132.60	14.00	1.68	87.80	17.71	
13:23	3.1		7.85	2,124.60	14.05	1.36	88.40	14.45	
13:26	3.5		7.81	2,107.80	13.94	1.19	89.40	10.26	
13:29	4.0		7.77	2,094.90	13.88	1.10	90.50	7.98	
13:32	4.5		7.74	2,087.50	13.89	1.08	91.50	6.80	

Sampling Activities

Sampled By: PY Sample Date/Time: 1/22/2025 13:32
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.74 pH 2,087.50 Spec. Cond. 13.89 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.74 feet below TOC Drawdown: 6.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210769

Form Completed By: Date: 1/22/2025

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-350R
Project Location: Baldwin, IL **Sample ID:** 017
W.O. Number (s): 25010181 **Date (s):** 1/22/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 29 °F Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/22/2025 13:08
Static Water Level: 20.39 feet below TOC
Total Depth: 50.16 feet below TOC
Water Column: 29.77 feet

Purging Activities

Purged By: BG Purge Date: 1/22/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 29.77 ft. x 0.022 = 0.65 L x 3 Vol. = 1.95 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: Strong 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
13:08	0.0	100	purge start time						
13:23	1.5	↓	7.45	576.00	9.93	1.60	-103.40	44.57	
13:26	1.8		7.47	568.60	9.85	1.11	-110.20	44.39	
13:29	2.1		7.49	559.90	10.08	0.80	-115.70	41.69	
13:32	2.4		7.49	553.60	10.27	0.63	-119.80	36.57	
13:35	2.7		7.45	547.00	10.20	0.56	-120.70	36.16	
13:38	3.0		7.47	540.20	10.13	0.51	-124.20	35.57	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/22/2025 13:38
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.47 pH 540.20 Spec. Cond. 10.13 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.24 feet below TOC Drawdown: 0.85 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/22/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-352
Project Location:	Baldwin, IL	**Sample ID:**	018
W.O. Number (s):	25010181	**Date (s):**	1/27/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/27/2025 9:38
Static Water Level: 1.43 feet below TOC
Total Depth: 75.70 feet below TOC
Water Column: 74.27 feet

Purging Activities

Purged By: BG Purge Date: 1/27/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 74.27 ft. x 0.022 = 1.63 L x 3 Vol. = 4.89 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 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
9:38	0.0	118	purge start time						
9:43	0.6	↓	7.31	699.10	9.93	6.97	16.50	3.94	
9:46	0.9		7.35	683.50	10.02	6.82	13.40	4.15	
9:49	1.3		7.36	673.80	10.07	6.76	11.60	4.31	
9:52	1.7		7.37	665.50	10.10	6.73	10.10	3.66	
9:55	2.0		7.38	660.00	10.11	6.68	8.60	3.85	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/27/2025 9:55
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.38 pH 660.00 Spec. Cond. 10.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 1.49 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/27/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-358R
Project Location:	Baldwin, IL	**Sample ID:**	021
W.O. Number (s):	25010181	**Date (s):**	1/24/2025

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 20 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/24/2025 11:02
Static Water Level: 31.68 feet below TOC
Total Depth: 93.03 feet below TOC
Water Column: 61.35 feet

Purging Activities

Purged By: TC — Purge Date: 1/24/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 61.35 ft. x 0.022 = 1.35 L x 3 Vol. = 4.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Cloudy — Odor: None — Color: lt grey

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	196	purge start time						
11:16	2.0	↓	7.30	4,174.90	12.40	1.86	87.60	368.10	
11:19	2.6		7.32	4,181.90	12.50	1.55	80.20	241.86	
11:22	3.1		7.34	4,183.70	12.55	1.37	73.40	257.78	
11:25	3.7		7.33	4,157.60	12.60	1.25	67.30	210.95	
11:28	4.3		7.30	4,112.70	12.52	1.15	61.90	190.40	
11:31	4.9		7.28	4,090.60	12.64	1.08	56.10	203.85	
11:34	5.5		7.27	4,080.80	12.66	1.02	50.00	167.51	

Sampling Activities

Sampled By: TC — Sample Date/Time: 1/24/2025 11:34
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.27 pH — 4,080.80 Spec. Cond. — 12.66 Temp
Field Filtered: No — Filter Type:
Water Level: 39.03 feet below TOC — Drawdown: 7.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210769

Form Completed By: Tracy Carroll — **Date:** 1/24/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-366
Project Location:	Baldwin, IL	**Sample ID:**	022
W.O. Number (s):	25010181	**Date (s):**	1/23/2025

Field Team Members

Name: Brett Gillihan — Affiliation: TekLab, Inc.
Name: Danny Crump — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 32 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/23/2025 9:38

Static Water Level: 11.59 feet below TOC
Total Depth: 54.50 feet below TOC
Water Column: 42.91 feet

Purging Activities

Purged By: BG — Purge Date: 1/23/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 42.91 ft. x 0.022 = 0.94 L x 3 Vol. = 2.82 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy — Odor: Slight — Color: 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
9:38	0.0	111	purge start time						
9:44	0.7	↓	6.72	933.70	12.94	0.84	-63.10	11.20	
9:47	1.0		6.66	688.90	12.94	0.56	-59.10	14.00	
9:50	1.3		6.64	666.50	13.13	0.45	-56.60	19.28	
9:53	1.7		6.64	647.30	13.10	0.40	-54.70	23.63	
9:56	2.0		6.64	627.10	13.06	0.38	-53.10	29.15	
9:59	2.3		6.64	610.70	13.06	0.36	-51.60	29.82	
10:02	2.7		6.64	595.90	13.03	0.35	-50.30	29.09	
10:05	3.0		6.64	582.60	13.06	0.34	-49.00	27.53	

Sampling Activities

Sampled By: BG — Sample Date/Time: 1/23/2025 10:05
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 6.64 pH — 582.60 Spec. Cond. — 13.06 Temp
Field Filtered: No — Filter Type:
Water Level: 12.05 feet below TOC — Drawdown: 0.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan — **Date:** 1/23/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-375
Project Location:	Baldwin, IL	**Sample ID:**	025
W.O. Number (s):	25010181	**Date (s):**	1/23/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 34 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/23/2025 10:25
Static Water Level: 32.99 feet below TOC
Total Depth: 69.50 feet below TOC
Water Column: 36.51 feet

Purging Activities

Purged By: BG Purge Date: 1/23/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 36.51 ft. x 0.022 = 0.8 L x 3 Vol. = 2.4 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: CLEAR

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:25	0.0	148	purge start time						
10:34	1.4	↓	7.80	577.80	12.07	1.07	-81.00	20.71	
10:37	1.8		7.81	588.10	12.01	0.68	-93.30	27.57	
10:40	2.3		7.81	596.20	12.04	0.52	-99.80	40.92	
10:43	2.7		7.82	600.50	11.95	0.46	-103.70	37.44	
10:46	3.1		7.83	603.70	11.98	0.42	-106.50	40.53	
10:49	3.6		7.83	607.50	12.01	0.39	-108.60	33.14	
10:52	4.0		7.83	610.30	11.89	0.39	-110.10	31.15	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/23/2025 10:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.83 pH 610.30 Spec. Cond. 11.89 Temp
Field Filtered: No Filter Type:
Water Level: 33.21 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/23/2025

Field Data Sheet

Project Name: BAL-25Q1 | **Monitoring Point:** MW-377
Project Location: Baldwin, IL | **Sample ID:** 026
W.O. Number (s): 25010181 | **Date (s):** 1/23/2025

Field Team Members

Name: Justin Colp | Affiliation: TekLab, Inc.
Name: Payton Yoch | Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F | Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: 1/23/2025 12:45
Static Water Level: 6.61 feet below TOC
Total Depth: 58.60 feet below TOC
Water Column: 51.99 feet

Purging Activities

Purged By: JC | Purge Date: 1/23/2025
Purge Method: Bladder Pump | Well Diameter: 2"
Purge Volume Calculation (L): 51.99 ft. x 0.022 = 1.14 L x 3 Vol. = 3.42 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
12:45	0.0	211	purge start time						
12:49	0.9	↓	7.08	2,030.80	13.24	1.05	-40.50	60.97	
12:52	1.5		7.07	2,018.70	13.29	0.30	-47.60	69.51	
12:55	2.1		7.07	2,003.70	13.30	0.18	-65.30	71.98	
12:58	2.8		7.07	1,983.60	13.36	0.12	-78.70	48.77	
13:01	3.4		7.06	1,965.10	13.43	0.12	-76.70	26.02	
13:04	4.0		7.06	1,953.30	13.30	0.20	-68.70	17.73	

Sampling Activities

Sampled By: JC | Sample Date/Time: 1/23/2025 13:04
Sample Method: Low Flow | Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH | 1,953.30 Spec. Cond. | 13.30 Temp
Field Filtered: No | Filter Type:
Water Level: 10.84 feet below TOC | Drawdown: 4.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By: Justin Colp | **Date:** 1/23/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-383
Project Location:	Baldwin, IL	**Sample ID:**	028
W.O. Number (s):	25010181	**Date (s):**	1/23/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/23/2025 12:11
Static Water Level: 19.95 feet below TOC
Total Depth: 70.30 feet below TOC
Water Column: 50.35 feet

Purging Activities

Purged By: BG Purge Date: 12/23/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 50.35 ft. x 0.022 = 1.11 L x 3 Vol. = 3.33 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:11	0.0	222	purge start time						
12:20	2.0	↓	7.66	926.60	15.98	0.35	-87.10	77.80	
12:23	2.7		7.64	917.10	15.94	0.32	-86.60	79.00	
12:26	3.3		7.63	909.00	16.08	0.31	-86.20	61.28	
12:29	4.0		7.61	900.90	16.19	0.30	-85.80	45.17	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/23/2025 12:29
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.61 pH 900.90 Spec. Cond. 16.19 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.01 feet below TOC Drawdown: 1.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/23/2025

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-384
Project Location: Baldwin, IL **Sample ID:** 029
W.O. Number (s): 25010181 **Date (s):** 1/23/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 33 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/23/2025 11:11
Static Water Level: 15.97 feet below TOC
Total Depth: 68.50 feet below TOC
Water Column: 52.53 feet

Purging Activities

Purged By: BG Purge Date: 1/23/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 52.53 ft. x 0.022 = 1.16 L x 3 Vol. = 3.48 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 Brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:11	0.0	91	purge start time						
11:40	2.7	↓	8.09	1,227.50	13.06	0.38	-86.60	72.25	
11:43	2.9		8.04	1,233.00	13.21	0.38	-86.40	61.34	
11:46	3.2		7.97	1,234.20	13.02	0.38	-85.90	51.60	
11:49	3.5		7.89	1,233.60	13.10	0.40	-85.30	56.75	
11:52	3.7		7.84	1,226.80	12.97	0.40	-84.60	52.23	
11:55	4.0		7.80	1,228.70	13.11	0.42	-84.00	51.97	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/23/2025 11:55
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.80 pH 1,228.70 Spec. Cond. 13.11 Temp
Field Filtered: No Filter Type:
Water Level: 16.43 feet below TOC Drawdown: 0.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/23/2025

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-390
Project Location: Baldwin, IL **Sample ID:** 030
W.O. Number (s): 25010181 **Date (s):** 1/23/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 31 °F Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ SW ☐ NE ☐ NW

Precipitation: ☑ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☑ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	Good	Protective Casing	X	
Casing	Good	Well		X
Protective Casing	Good			
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 1/23/2025 9:06
Static Water Level: 5.25 feet below TOC
Total Depth: 67.10 feet below TOC
Water Column: 61.85 feet

Purging Activities

Purged By: BG Purge Date: 1/23/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 61.85 ft. x 0.022 = 1.36 L x 3 Vol. = 4.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: Strong 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	250	purge start time						
9:09	0.8	↓	7.01	1,264.60	13.13	1.72	-37.10	6.97	
9:12	1.5		7.18	1,333.60	12.00	0.84	-52.80	6.51	
9:15	2.3		7.25	1,269.00	10.23	0.65	-62.10	6.94	
9:18	3.0		7.26	1,204.00	9.95	0.54	-66.90	6.85	
9:21	3.8		7.25	1,154.70	9.90	0.47	-70.50	7.56	
9:24	4.5		7.22	1,106.10	9.98	0.44	-71.90	7.68	

Sampling Activities

Sampled By: BG Sample Date/Time: 1/23/2025 9:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.22 pH 1,106.10 Spec. Cond. 9.98 Temp
Field Filtered: No Filter Type:
Water Level: 5.91 feet below TOC Drawdown: 0.66 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 46868

Form Completed By: Brett Gillihan **Date:** 1/23/2025

Field Data Sheet

Project Name: BAL-25Q1 **Monitoring Point:** MW-391R
Project Location: Baldwin, IL **Sample ID:** 031
W.O. Number (s): 25010181 **Date (s):** 1/22/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 27 °F Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/22/2025 14:49
Static Water Level: N/A feet below TOC
Total Depth: 73.25 feet below TOC
Water Column: 0.00 feet

Purging Activities

Purged By: JC Purge Date: 1/22/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 0.00 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
14:49	0.0	-	purge start time						

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)

- Field Meter: 44954
- Dry- no sample collected

Form Completed By: Justin Colp **Date:** 1/22/2025

Field Data Sheet

Project Name: BAL-25Q1
Project Location: Baldwin, IL
W.O. Number (s): 25010181
Monitoring Point: Field Blank
Sample ID: 045
Date (s):

Field Team Members

Name: Justin Colp — Affiliation: TekLab, Inc.
Name: — Affiliation:

Weather Conditions

Temp: 31 °F — Wind Direction: ☐ N ☐ S ☑ E ☐ EW ☐ 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: JC — Purge Date:
Purge Method: Direct Grab — 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: JC — Sample Date/Time: 1/27/2025 13:00
Sample Method: Direct Sample — Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: — Filter Type:
Water Level: feet below TOC — Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: N/A
- QA/QC Sample

Form Completed By: Justin Colp — **Date:** 1/27/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-304 Duplicate
Project Location:	Baldwin, IL	**Sample ID:**	048
W.O. Number (s):	25010181	**Date (s):**	1/22/2025

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 30 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/22/2025 13:03
Static Water Level: 8.99 feet below TOC
Total Depth: 57.50 feet below TOC
Water Column: 48.51 feet

Purging Activities

Purged By: TC — Purge Date: 1/22/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 48.51 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 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
13:04	0.0	161	purge start time						
13:20	2.6	↓	7.89	2,132.60	14.00	1.68	87.80	17.71	
13:23	3.1		7.85	2,124.60	14.05	1.36	88.40	14.45	
13:26	3.5		7.81	2,107.80	13.94	1.19	89.40	10.26	
13:29	4.0		7.77	2,094.90	13.88	1.10	90.50	7.98	
13:32	4.5		7.74	2,087.50	13.89	1.08	91.50	6.80	

Sampling Activities

Sampled By: PY — Sample Date/Time: 1/22/2025 13:32
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.74 pH — 2,087.50 Spec. Cond. — 13.89 Temp
Field Filtered: Yes — Filter Type: Inline Disposable
Water Level: 15.74 feet below TOC — Drawdown: 6.75 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210769

Form Completed By: [signature] **Date:** 1/22/2025

Field Data Sheet

Project Name:	BAL-25Q1	**Monitoring Point:**	MW-358R Duplicate
Project Location:	Baldwin, IL	**Sample ID:**	049
W.O. Number (s):	25010181	**Date (s):**	1/24/2025

Field Team Members

Name: Tracy Carroll — Affiliation: TekLab, Inc.
Name: Payton Yoch — Affiliation: TekLab, Inc.

Weather Conditions

Temp: 20 °F — Wind Direction: ☑ N ☐ S ☐ E ☐ EW ☐ 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: 1/24/2025 11:02
Static Water Level: 31.68 feet below TOC
Total Depth: 93.03 feet below TOC
Water Column: 61.35 feet

Purging Activities

Purged By: TC — Purge Date: 1/24/2025
Purge Method: Bladder Pump — Well Diameter: 2"
Purge Volume Calculation (L): 61.35 ft. x 0.022 = 1.35 L x 3 Vol. = 4.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Cloudy — Odor: None — Color: lt grey

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	196	purge start time						
11:16	2.0	↓	7.30	4,174.90	12.40	1.86	87.60	368.10	
11:19	2.6		7.32	4,181.90	12.50	1.55	80.20	241.86	
11:22	3.1		7.34	4,183.70	12.55	1.37	73.40	257.78	
11:25	3.7		7.33	4,157.60	12.60	1.25	67.30	210.95	
11:28	4.3		7.30	4,112.70	12.52	1.15	61.90	190.40	
11:31	4.9		7.28	4,090.60	12.64	1.08	56.10	203.85	
11:34	5.5		7.27	4,080.80	12.66	1.02	50.00	167.51	

Sampling Activities

Sampled By: TC — Sample Date/Time: 1/24/2025 11:34
Sample Method: Low Flow — Sample Equipment: Bladder Pump
Sample Parameters: 7.27 pH — 4,080.80 Spec. Cond. — 12.66 Temp
Field Filtered: No — Filter Type:
Water Level: 39.03 feet below TOC — Drawdown: 7.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210769

Form Completed By: Tracy Carroll — **Date:** 1/24/2025

Field Data Sheet

Project Name: BAL-25Q1
Project Location: Baldwin, IL
W.O. Number (s): 25010181
Monitoring Point: Equipment Blank 1
Sample ID: 051
Date (s):

Field Team Members

Name: _____ Affiliation: _____
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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)

- Not used; No sample collected with non-dedicated equipment

Form Completed By: _____ **Date:** _____

Field Data Sheet

Project Name: BAL-25Q1
Project Location: Baldwin, IL
W.O. Number (s): 25010181
Monitoring Point: Equipment Blank 2
Sample ID: 052
Date (s):

Field Team Members

Name: _____ Affiliation: _____
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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)

- Not used; No sample collected with non-dedicated equipment

Form Completed By: _____ **Date:** _____

Field Data Sheet

Project Name: BAL-25Q1
Project Location: Baldwin, IL
W.O. Number (s): 25010181
Monitoring Point: Equipment Blank 3
Sample ID: 053
Date (s):

Field Team Members

Name: _____ Affiliation: _____
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ EW ☐ 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)

- Not used; No sample collected with non-dedicated equipment

Form Completed By: _____ **Date:** _____

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 44954 Technician(s): justin colp Date: 1/22/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	1/22/25 8:24
7.0 Buffer	wc240913b	7.00	1/22/25 8:21
10.0 Buffer	wc240625b	10.00	1/22/25 8:27
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1410	1/22/25 8:33

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.61	1/22/25 8:34
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	1/22/25 8:36	19.3	6.97	1,407	0.61		
CCV-1-JC	CCV	1/22/25 14:59	19.8	7.04	1,425	0.36		

Comments:

Field Meter ID: Pine 44954 Technician(s): justin colp Date: 1/23/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	1/23/25 8:19
7.0 Buffer	wc240913b	7.00	1/23/25 8:16
10.0 Buffer	wc240625b	10.00	1/23/25 8:25
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1413	1/23/25 8:32

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.6	1/23/25 8:32
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	1/23/25 8:34	19.8	7.01	1,413	0.64		
CCV-M-2-JC	CCV	1/23/25 11:59	19.7	7.03	1,422	0.77		
CCV-2-JC	CCV	1/23/25 14:38	19.6	7.06	1,441	0.7		

Comments:

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 44954 Technician(s): justin colp Date: 1/27/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	1/27/25 8:58
7.0 Buffer	wc240913b	7.00	1/27/25 8:55
10.0 Buffer	wc240625b	10.00	1/27/25 9:01
LCS/CCV (7.0 Buffer)	wc240913c		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	1/27/25 9:04

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.61	1/27/25 9:07
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-JC	LCS	1/27/25 9:10	18.8	7.01	1,414	0.63		
CCV-3-JC	CCV	1/27/25 13:00	19	7.04	1,420	0.68		

Comments:

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 210769 Technician(s): Tracy Carroll Date: 1/22/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.01	1/22/25 12:19
7.0 Buffer	WC241913B	7.00	1/22/25 12:16
10.0 Buffer	WC240625B	10.02	1/22/25 12:22
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	1/22/25 12:25

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.39	1/22/25 12:28
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	1/22/25 12:30	19	7.06	1,413	1.45		
CCV-1-TC	CCV	1/22/25 15:12	18.9	7.08	1,428	1.88		

Comments:

Field Meter ID: Pine 210769 Technician(s): Tracy Carroll Date: 1/24/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	1/24/25 9:47
7.0 Buffer	WC241913B	7.00	1/24/25 9:44
10.0 Buffer	WC240625B	10.00	1/24/25 10:12
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	1/24/25 10:18

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.66	1/24/25 10:19
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	1/24/25 10:19	19.4	7.03	1,412	1.88		
CCV-2-TC	CCV	1/24/25 12:22	19.6	7.04	1,419	1.46		

Comments:

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 210769 Technician(s): Tracy Carroll Date: 1/27/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	1/27/25 9:22
7.0 Buffer	WC241913B	7.02	1/27/25 9:21
10.0 Buffer	WC240625B	10.00	1/27/25 9:26
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1412	1/27/25 9:29

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-3-TC	LCS	1/27/25 9:30	20.1	7.07	1,410	1.12		
CCV-3-TC	CCV	1/27/25 12:35	20.1	7.04	1,408	1.66		

Comments:

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 46868 Technician(s): Brett Gillihan Date: 1/22/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	1/22/25 12:46
7.0 Buffer	WC240913B	7.03	1/22/25 12:44
10.0 Buffer	WC240913C	10.02	1/22/25 12:50
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1421	1/22/25 12:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.1	1/22/25 12:57
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	1/22/25 12:59	18.7	7.03	1,421	1.13		
CCV-1-BG	CCV	1/22/25 15:04	19.3	7.02	1,421	1.22		

Comments:

Field Meter ID: Pine 46868 Technician(s): Brett Gillihan Date: 1/23/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.97	1/23/25 8:30
7.0 Buffer	WC240913A	6.99	1/23/25 8:28
10.0 Buffer	WC240913A	10.00	1/23/25 8:33
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1420	1/23/25 8:35

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.96	1/23/25 8:36
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	1/23/25 8:38	18.3	7.00	1,420	0.84		
CCV-2-BG	CCV	1/23/25 14:32	19.6	7.00	1,420	1.01		

Comments:

Site Samping Event: BAL- 25Q1
LIMS Workorder: 25010181
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Baldwin- 1Q 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 46868 Technician(s): Brett Gillihan Date: 1/27/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	1/27/25 8:46
7.0 Buffer	WC240913A	7.00	1/27/25 8:41
10.0 Buffer	WC240913A	10.02	1/27/25 8:48
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	102040	1419	1/27/25 8:53

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.78	1/27/25 8:55
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	1/27/25 8:58	17.9	7.00	1,419	1.68		
CCV-M-3-BG	CCV	1/27/25 11:12	18.1	7.01	1,422	1.23		
CCV-3-BG	CCV	1/27/25 14:34	18.5	7.01	1,426	1.44		

Comments:

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 44954
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:06:37PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 18L101938
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.00	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.20	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.91	10.04	0.40%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.51	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	107.87	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.592	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	245.30	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading Range
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 44954
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:06:37PM

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading Range
Range Acc % 0.0000
Reading Acc % 3.0000
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	%Volume	100.00	%Volume	92.70	99.60	-0.40%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	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 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

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 46868
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:01:15PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 19K103392
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.20	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.41	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.99	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.50	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	97.41	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.048	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	234.90	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 46868
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:01:15PM

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
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	%	88.10	99.60	-0.40%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	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 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

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 210769
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:04:11PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 16B102807
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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.75	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.90	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.54	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	5.52	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	94.34	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.545	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	186.50	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

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

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 210769
Description YSI Pro DSS Sonde
Calibrated 12/27/2024 7:04:11PM

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
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	%	85.50	99.60	-0.40%	Pass

Test Instruments Used During the Calibration (As Of Cal Entry Date)

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	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 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GG0029	STL pH4 L#4GG0029	AquaPhoenix Scientific	pH 4	4GG0029		7/25/2026
STL PH7 L#4GG1129	STL PH7 L#4GG1129	AquaPhoenix Scientific	PH7	4GG1129		7/25/2026

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

ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 1, 2025

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Antimony, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.00230
MW-150	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.00578
MW-150	PMP	E008	Barium, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.0147	0.261
MW-150	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.001
MW-150	PMP	E008	Boron, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	3.45	2.23
MW-150	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.001
MW-150	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	48.9	1,370
MW-150	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/22/25	9	89	CI around median	0.0015	0.0125
MW-150	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.001	0.00220
MW-150	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.661	3.36
MW-150	PMP	E008	Lead, total	mg/L	03/15/23 - 01/22/25	9	89	CI around median	0.001	0.00220
MW-150	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	0.0478	0.123
MW-150	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.0002	0.0002
MW-150	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/22/25	9	44	CI around median	0.0015	0.0782
MW-150	PMP	E008	pH (field)	SU	03/22/16 - 01/22/25	37	0	CB around T-S line	6.9/7.0	7.3/8.4
MW-150	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/22/25	9	0	CI around mean	-0.0238	4.14
MW-150	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/22/25	9	67	CI around median	0.001	0.00320
MW-150	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/22/25	9	0	CI around mean	854	228
MW-150	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/22/25	9	100	All ND - Last	0.002	0.002
MW-150	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/22/25	37	0	CB around linear reg	1,660	3,260
MW-151	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.001	0.00230
MW-151	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.001	0.00578
MW-151	PMP	E008	Barium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around median	0.0569	0.261
MW-151	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.001	0.001
MW-151	PMP	E008	Boron, total	mg/L	03/15/23 - 01/23/25	10	0	CB around linear reg	0.949	2.23
MW-151	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.001
MW-151	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	37.4	1,370

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BALDWIN POWER PLANT
FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-151	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/23/25	10	20	CI around mean	0.000932	0.0125
MW-151	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/23/25	10	30	CI around geomean	0.00102	0.00220
MW-151	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.512	3.36
MW-151	PMP	E008	Lead, total	mg/L	03/15/23 - 01/23/25	10	40	CI around geomean	0.000998	0.00220
MW-151	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.0252	0.123
MW-151	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0002	0.0002
MW-151	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0015	0.0782
MW-151	PMP	E008	pH (field)	SU	03/16/17 - 01/23/25	34	0	CI around mean	6.9/7.0	7.3/8.4
MW-151	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/23/25	10	0	CI around mean	0.15	4.14
MW-151	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.00320
MW-151	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/23/25	10	0	CB around linear reg	105	228
MW-151	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.002	0.002
MW-151	PMP	E008	Total Dissolved Solids	mg/L	03/16/17 - 01/23/25	34	0	CB around T-S line	554	3,260
MW-152	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.00230
MW-152	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	9	44	CI around geomean	0.000904	0.00578
MW-152	PMP	E008	Barium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.016	0.261
MW-152	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.001
MW-152	PMP	E008	Boron, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	-1.19	2.23
MW-152	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.001
MW-152	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	7.35	1,370
MW-152	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	9	44	CI around mean	0.00119	0.0125
MW-152	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	9	44	CI around geomean	0.000957	0.00220
MW-152	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	9	22	CI around mean	0.251	3.36
MW-152	PMP	E008	Lead, total	mg/L	03/15/23 - 01/27/25	9	44	CI around mean	0.000861	0.00220
MW-152	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	9	11	CI around mean	0.00809	0.123
MW-152	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0002	0.0002
MW-152	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0015	0.0782

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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-152	PMP	E008	pH (field)	SU	03/22/16 - 01/27/25	37	0	CI around median	6.7/6.9	7.3/8.4
MW-152	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	9	0	CI around mean	0.39	4.14
MW-152	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.00320
MW-152	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	326	228
MW-152	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.002	0.002
MW-152	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	37	0	CB around linear reg	573	3,260
MW-153	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.00230
MW-153	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.001	0.00578
MW-153	PMP	E008	Barium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around geomean	0.0329	0.261
MW-153	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.0006	0.001
MW-153	PMP	E008	Boron, total	mg/L	03/15/23 - 01/23/25	10	54	CI around median	0.02	2.23
MW-153	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.001	0.001
MW-153	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	15.7	1,370
MW-153	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.0015	0.0125
MW-153	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/23/25	10	80	CI around median	0.001	0.00220
MW-153	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/23/25	10	20	CI around mean	0.378	3.36
MW-153	PMP	E008	Lead, total	mg/L	03/15/23 - 01/23/25	10	60	CI around median	0.001	0.00220
MW-153	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/23/25	10	10	CB around linear reg	0.00456	0.123
MW-153	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.0002	0.0002
MW-153	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/23/25	10	90	CI around median	0.0015	0.0782
MW-153	PMP	E008	pH (field)	SU	03/22/16 - 01/23/25	38	0	CI around median	7.0/7.2	7.3/8.4
MW-153	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/23/25	10	0	CI around geomean	0.467	4.14
MW-153	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	0.00221	0.00320
MW-153	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/23/25	10	0	CI around mean	59.4	228
MW-153	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/23/25	10	100	All ND - Last	0.002	0.002
MW-153	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/23/25	38	0	CI around median	370	3,260
MW-252	PMP	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	9	33	CI around mean	0.000968	0.00230

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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-252	PMP	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	9	67	CI around median	0.001	0.00578
MW-252	PMP	E008	Barium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.0245	0.261
MW-252	PMP	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.001
MW-252	PMP	E008	Boron, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.145	2.23
MW-252	PMP	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.001
MW-252	PMP	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	36.2	1,370
MW-252	PMP	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	9	67	CI around median	0.0015	0.0125
MW-252	PMP	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	9	11	CI around mean	0.00118	0.00220
MW-252	PMP	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	9	22	CI around median	0.21	3.36
MW-252	PMP	E008	Lead, total	mg/L	03/15/23 - 01/27/25	9	78	CI around median	0.001	0.00220
MW-252	PMP	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	0.0129	0.123
MW-252	PMP	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.0002	0.0002
MW-252	PMP	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	9	89	CI around median	0.0015	0.0782
MW-252	PMP	E008	pH (field)	SU	03/22/16 - 01/27/25	37	0	CI around median	6.8/6.9	7.3/8.4
MW-252	PMP	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	9	0	CI around geomean	0.14	4.14
MW-252	PMP	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.001	0.00320
MW-252	PMP	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	9	0	CI around mean	449	228
MW-252	PMP	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	9	100	All ND - Last	0.002	0.002
MW-252	PMP	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	37	0	CB around linear reg	1,120	3,260
MW-253R	PMP	E008	Antimony, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.00230
MW-253R	PMP	E008	Arsenic, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	-0.00423	0.00578
MW-253R	PMP	E008	Barium, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.0216	0.261
MW-253R	PMP	E008	Beryllium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.001
MW-253R	PMP	E008	Boron, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.154	2.23
MW-253R	PMP	E008	Cadmium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.001
MW-253R	PMP	E008	Chloride, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	16.2	1,370
MW-253R	PMP	E008	Chromium, total	mg/L	07/18/24 - 01/23/25	4	50	CI around mean	-0.00714	0.0125

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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-253R	PMP	E008	Cobalt, total	mg/L	07/18/24 - 01/23/25	4	50	CI around mean	-0.00153	0.00220
MW-253R	PMP	E008	Fluoride, total	mg/L	07/18/24 - 01/23/25	4	75	CI around median (Last Sample, n<7)	0.5	3.36
MW-253R	PMP	E008	Lead, total	mg/L	07/18/24 - 01/23/25	4	25	CI around mean	-0.0000904	0.00220
MW-253R	PMP	E008	Lithium, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	0.0116	0.123
MW-253R	PMP	E008	Mercury, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.0002	0.0002
MW-253R	PMP	E008	Molybdenum, total	mg/L	07/18/24 - 01/23/25	4	25	CI around mean	0.000482	0.0782
MW-253R	PMP	E008	pH (field)	SU	07/18/24 - 01/23/25	4	0	CI around mean	6.3/7.3	7.3/8.4
MW-253R	PMP	E008	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 01/23/25	4	0	CI around mean	0.316	4.14
MW-253R	PMP	E008	Selenium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.001	0.00320
MW-253R	PMP	E008	Sulfate, total	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	387	228
MW-253R	PMP	E008	Thallium, total	mg/L	07/18/24 - 01/23/25	4	100	All ND - Last	0.002	0.002
MW-253R	PMP	E008	Total Dissolved Solids	mg/L	07/18/24 - 01/23/25	4	0	CI around mean	876	3,260
MW-350R	UA	E008	Antimony, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.00230
MW-350R	UA	E008	Arsenic, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.002	0.00578
MW-350R	UA	E008	Barium, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.125	0.261
MW-350R	UA	E008	Beryllium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.001
MW-350R	UA	E008	Boron, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	1.25	2.23
MW-350R	UA	E008	Cadmium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.001
MW-350R	UA	E008	Chloride, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	15.8	1,370
MW-350R	UA	E008	Chromium, total	mg/L	07/18/24 - 01/22/25	3	67	Most recent sample	0.0015	0.0125
MW-350R	UA	E008	Cobalt, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.00220
MW-350R	UA	E008	Fluoride, total	mg/L	07/18/24 - 01/22/25	3	33	Most recent sample	0.5	3.36
MW-350R	UA	E008	Lead, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.00220
MW-350R	UA	E008	Lithium, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.0575	0.123
MW-350R	UA	E008	Mercury, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.0002	0.0002
MW-350R	UA	E008	Molybdenum, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.0069	0.0782
MW-350R	UA	E008	pH (field)	SU	07/18/24 - 01/22/25	3	0	Most recent sample	7.5/7.5	7.3/8.4

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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-350R	UA	E008	Radium 226 + Radium 228, total	pCi/L	07/18/24 - 01/22/25	3	0	Most recent sample	0.68	4.14
MW-350R	UA	E008	Selenium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.001	0.00320
MW-350R	UA	E008	Sulfate, total	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	60.8	228
MW-350R	UA	E008	Thallium, total	mg/L	07/18/24 - 01/22/25	3	100	All ND - Last	0.002	0.002
MW-350R	UA	E008	Total Dissolved Solids	mg/L	07/18/24 - 01/22/25	3	0	Most recent sample	542	3,260
MW-352	UA	E008	Antimony, total	mg/L	03/15/23 - 01/27/25	10	80	CI around median	0.001	0.00230
MW-352	UA	E008	Arsenic, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.00578
MW-352	UA	E008	Barium, total	mg/L	03/15/23 - 01/27/25	10	0	CI around median	0.0856	0.261
MW-352	UA	E008	Beryllium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.001
MW-352	UA	E008	Boron, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	1.92	2.23
MW-352	UA	E008	Cadmium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.001
MW-352	UA	E008	Chloride, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	535	1,370
MW-352	UA	E008	Chromium, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.0015	0.0125
MW-352	UA	E008	Cobalt, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.00220
MW-352	UA	E008	Fluoride, total	mg/L	03/15/23 - 01/27/25	10	0	CI around mean	1.23	3.36
MW-352	UA	E008	Lead, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.001	0.00220
MW-352	UA	E008	Lithium, total	mg/L	03/15/23 - 01/27/25	10	0	CI around geomean	0.0862	0.123
MW-352	UA	E008	Mercury, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.0002	0.0002
MW-352	UA	E008	Molybdenum, total	mg/L	03/15/23 - 01/27/25	10	90	CI around median	0.0015	0.0782
MW-352	UA	E008	pH (field)	SU	03/22/16 - 01/27/25	38	0	CB around T-S line	7.2/7.4	7.3/8.4
MW-352	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/15/23 - 01/27/25	10	0	CB around linear reg	0.266	4.14
MW-352	UA	E008	Selenium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.001	0.00320
MW-352	UA	E008	Sulfate, total	mg/L	03/15/23 - 01/27/25	10	91	CI around median	10	228
MW-352	UA	E008	Thallium, total	mg/L	03/15/23 - 01/27/25	10	100	All ND - Last	0.002	0.002
MW-352	UA	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/27/25	38	0	CI around mean	1,120	3,260
MW-366	UA	E008	Antimony, total	mg/L	01/20/16 - 01/23/25	27	96	CI around median	0.001	0.00230
MW-366	UA	E008	Arsenic, total	mg/L	01/20/16 - 01/23/25	27	93	CI around median	0.001	0.00578

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Barium, total	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	0.0216	0.261
MW-366	UA	E008	Beryllium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-366	UA	E008	Boron, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	2.19	2.23
MW-366	UA	E008	Cadmium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-366	UA	E008	Chloride, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	52.4	1,370
MW-366	UA	E008	Chromium, total	mg/L	01/20/16 - 01/23/25	27	96	CB around T-S line	0.00148	0.0125
MW-366	UA	E008	Cobalt, total	mg/L	01/20/16 - 01/23/25	25	76	CI around median	0.001	0.00220
MW-366	UA	E008	Fluoride, total	mg/L	01/20/16 - 01/23/25	28	7	CB around linear reg	0.105	3.36
MW-366	UA	E008	Lead, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.001	0.00220
MW-366	UA	E008	Lithium, total	mg/L	01/20/16 - 01/23/25	27	4	CB around linear reg	0.00348	0.123
MW-366	UA	E008	Mercury, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-366	UA	E008	Molybdenum, total	mg/L	01/20/16 - 01/23/25	27	4	CI around mean	0.00292	0.0782
MW-366	UA	E008	pH (field)	SU	01/20/16 - 01/23/25	28	0	CB around linear reg	6.5/6.8	7.3/8.4
MW-366	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 01/23/25	27	0	CI around geomean	0.404	4.14
MW-366	UA	E008	Selenium, total	mg/L	01/20/16 - 01/23/25	27	96	CI around median	0.001	0.00320
MW-366	UA	E008	Sulfate, total	mg/L	01/20/16 - 01/23/25	28	0	CB around linear reg	694	228
MW-366	UA	E008	Thallium, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-366	UA	E008	Total Dissolved Solids	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	1,440	3,260
MW-375	UA	E008	Antimony, total	mg/L	01/20/16 - 01/23/25	27	37	CB around T-S line	0.000443	0.00230
MW-375	UA	E008	Arsenic, total	mg/L	01/20/16 - 01/23/25	27	4	CI around median	0.0014	0.00578
MW-375	UA	E008	Barium, total	mg/L	01/20/16 - 01/23/25	27	0	CI around mean	0.0247	0.261
MW-375	UA	E008	Beryllium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-375	UA	E008	Boron, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	1.31	2.23
MW-375	UA	E008	Cadmium, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-375	UA	E008	Chloride, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	92.2	1,370
MW-375	UA	E008	Chromium, total	mg/L	01/20/16 - 01/23/25	27	100	All ND - Last	0.0015	0.0125
MW-375	UA	E008	Cobalt, total	mg/L	01/20/16 - 01/23/25	25	100	All ND - Last	0.001	0.00220

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-375	UA	E008	Fluoride, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	2.24	3.36
MW-375	UA	E008	Lead, total	mg/L	01/20/16 - 01/23/25	24	96	CI around median	0.001	0.00220
MW-375	UA	E008	Lithium, total	mg/L	01/20/16 - 01/23/25	27	0	CB around linear reg	0.071	0.123
MW-375	UA	E008	Mercury, total	mg/L	01/20/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-375	UA	E008	Molybdenum, total	mg/L	01/20/16 - 01/23/25	27	0	CI around mean	0.0242	0.0782
MW-375	UA	E008	pH (field)	SU	01/20/16 - 01/23/25	28	0	CI around median	7.7/7.8	7.3/8.4
MW-375	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/20/16 - 01/23/25	27	0	CI around median	0.28	4.14
MW-375	UA	E008	Selenium, total	mg/L	01/20/16 - 01/23/25	27	93	CI around median	0.001	0.00320
MW-375	UA	E008	Sulfate, total	mg/L	01/20/16 - 01/23/25	28	0	CI around mean	111	228
MW-375	UA	E008	Thallium, total	mg/L	01/20/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-375	UA	E008	Total Dissolved Solids	mg/L	01/20/16 - 01/23/25	28	0	CI around median	916	3,260
MW-377	UA	E008	Antimony, total	mg/L	01/19/16 - 01/23/25	27	96	Most recent sample	0.001	0.00230
MW-377	UA	E008	Arsenic, total	mg/L	01/19/16 - 01/23/25	27	82	CI around median	0.001	0.00578
MW-377	UA	E008	Barium, total	mg/L	01/19/16 - 01/23/25	27	0	CI around mean	0.0603	0.261
MW-377	UA	E008	Beryllium, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-377	UA	E008	Boron, total	mg/L	01/19/16 - 01/23/25	28	0	CI around mean	1.68	2.23
MW-377	UA	E008	Cadmium, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-377	UA	E008	Chloride, total	mg/L	01/19/16 - 01/23/25	28	0	CB around linear reg	94.3	1,370
MW-377	UA	E008	Chromium, total	mg/L	01/19/16 - 01/23/25	27	96	CB around T-S line	0.00146	0.0125
MW-377	UA	E008	Cobalt, total	mg/L	01/19/16 - 01/23/25	25	96	CI around median	0.001	0.00220
MW-377	UA	E008	Fluoride, total	mg/L	01/19/16 - 01/23/25	28	0	CB around linear reg	1.16	3.36
MW-377	UA	E008	Lead, total	mg/L	01/19/16 - 01/23/25	24	100	All ND - Last	0.001	0.00220
MW-377	UA	E008	Lithium, total	mg/L	01/19/16 - 01/23/25	27	0	CB around linear reg	0.0602	0.123
MW-377	UA	E008	Mercury, total	mg/L	01/19/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-377	UA	E008	Molybdenum, total	mg/L	01/19/16 - 01/23/25	27	70	CB around T-S line	0.000691	0.0782
MW-377	UA	E008	pH (field)	SU	01/19/16 - 01/23/25	28	0	CI around median	7.1/7.2	7.3/8.4
MW-377	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/19/16 - 01/23/25	27	0	CI around mean	0.423	4.14

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FLY ASH POND SYSTEM
BALDWIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-377	UA	E008	Selenium, total	mg/L	01/19/16 - 01/23/25	27	100	All ND - Last	0.001	0.00320
MW-377	UA	E008	Sulfate, total	mg/L	01/19/16 - 01/23/25	28	0	CB around T-S line	34	228
MW-377	UA	E008	Thallium, total	mg/L	01/19/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-377	UA	E008	Total Dissolved Solids	mg/L	01/19/16 - 01/23/25	28	0	CI around mean	603	3,260
MW-383	UA	E008	Antimony, total	mg/L	01/21/16 - 01/23/25	27	89	CB around T-S line	0.001	0.00230
MW-383	UA	E008	Arsenic, total	mg/L	01/21/16 - 01/23/25	27	82	CI around median	0.001	0.00578
MW-383	UA	E008	Barium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around T-S line	0.0458	0.261
MW-383	UA	E008	Beryllium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-383	UA	E008	Boron, total	mg/L	01/21/16 - 01/23/25	28	0	CI around median	1.34	2.23
MW-383	UA	E008	Cadmium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-383	UA	E008	Chloride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	41.9	1,370
MW-383	UA	E008	Chromium, total	mg/L	01/21/16 - 01/23/25	27	93	CB around T-S line	0.00147	0.0125
MW-383	UA	E008	Cobalt, total	mg/L	01/21/16 - 01/23/25	25	100	All ND - Last	0.001	0.00220
MW-383	UA	E008	Fluoride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	0.65	3.36
MW-383	UA	E008	Lead, total	mg/L	01/21/16 - 01/23/25	24	96	CI around median	0.001	0.00220
MW-383	UA	E008	Lithium, total	mg/L	01/21/16 - 01/23/25	27	0	CI around median	0.0354	0.123
MW-383	UA	E008	Mercury, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-383	UA	E008	Molybdenum, total	mg/L	01/21/16 - 01/23/25	27	0	CI around median	0.0095	0.0782
MW-383	UA	E008	pH (field)	SU	01/21/16 - 01/23/25	28	0	CI around mean	7.5/7.6	7.3/8.4
MW-383	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.249	4.14
MW-383	UA	E008	Selenium, total	mg/L	01/21/16 - 01/23/25	27	96	CI around median	0.001	0.00320
MW-383	UA	E008	Sulfate, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	147	228
MW-383	UA	E008	Thallium, total	mg/L	01/21/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-383	UA	E008	Total Dissolved Solids	mg/L	01/21/16 - 01/23/25	28	0	CI around mean	883	3,260
MW-384	UA	E008	Antimony, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.00230
MW-384	UA	E008	Arsenic, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.00578
MW-384	UA	E008	Barium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around T-S line	0.0349	0.261

ATTACHMENT C.
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FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-384	UA	E008	Beryllium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-384	UA	E008	Boron, total	mg/L	01/21/16 - 01/23/25	28	0	CI around median	1.44	2.23
MW-384	UA	E008	Cadmium, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-384	UA	E008	Chloride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around T-S line	467	1,370
MW-384	UA	E008	Chromium, total	mg/L	01/21/16 - 01/23/25	27	82	CB around T-S line	0.0015	0.0125
MW-384	UA	E008	Cobalt, total	mg/L	01/21/16 - 01/23/25	25	96	Most recent sample	0.001	0.00220
MW-384	UA	E008	Fluoride, total	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	4.14	3.36
MW-384	UA	E008	Lead, total	mg/L	01/21/16 - 01/23/25	24	96	CI around median	0.001	0.00220
MW-384	UA	E008	Lithium, total	mg/L	01/21/16 - 01/23/25	27	0	CB around linear reg	0.0434	0.123
MW-384	UA	E008	Mercury, total	mg/L	01/21/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-384	UA	E008	Molybdenum, total	mg/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.0158	0.0782
MW-384	UA	E008	pH (field)	SU	01/21/16 - 01/23/25	28	0	CI around median	7.8/8.1	7.3/8.4
MW-384	UA	E008	Radium 226 + Radium 228, total	pCi/L	01/21/16 - 01/23/25	27	0	CI around geomean	0.32	4.14
MW-384	UA	E008	Selenium, total	mg/L	01/21/16 - 01/23/25	27	100	All ND - Last	0.001	0.00320
MW-384	UA	E008	Sulfate, total	mg/L	01/21/16 - 01/23/25	28	4	CB around linear reg	-10.3	228
MW-384	UA	E008	Thallium, total	mg/L	01/21/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-384	UA	E008	Total Dissolved Solids	mg/L	01/21/16 - 01/23/25	28	0	CB around linear reg	1,530	3,260
MW-390	UA	E008	Antimony, total	mg/L	03/22/16 - 01/23/25	27	96	CI around median	0.001	0.00230
MW-390	UA	E008	Arsenic, total	mg/L	03/22/16 - 01/23/25	27	15	CI around median	0.0013	0.00578
MW-390	UA	E008	Barium, total	mg/L	03/22/16 - 01/23/25	27	0	CI around mean	0.0477	0.261
MW-390	UA	E008	Beryllium, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-390	UA	E008	Boron, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	0.375	2.23
MW-390	UA	E008	Cadmium, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.001	0.001
MW-390	UA	E008	Chloride, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	64.4	1,370
MW-390	UA	E008	Chromium, total	mg/L	03/22/16 - 01/23/25	27	96	CB around T-S line	0.00147	0.0125
MW-390	UA	E008	Cobalt, total	mg/L	03/22/16 - 01/23/25	25	68	CI around median	0.001	0.00220
MW-390	UA	E008	Fluoride, total	mg/L	03/22/16 - 01/23/25	28	0	CI around median	0.64	3.36

ATTACHMENT C.
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FLY ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-390	UA	E008	Lead, total	mg/L	03/22/16 - 01/23/25	24	92	CI around median	0.001	0.00220
MW-390	UA	E008	Lithium, total	mg/L	03/22/16 - 01/23/25	27	4	CI around mean	0.0211	0.123
MW-390	UA	E008	Mercury, total	mg/L	03/22/16 - 01/23/25	22	100	All ND - Last	0.0002	0.0002
MW-390	UA	E008	Molybdenum, total	mg/L	03/22/16 - 01/23/25	27	4	CI around median	0.0029	0.0782
MW-390	UA	E008	pH (field)	SU	03/22/16 - 01/23/25	28	0	CI around mean	7.1/7.3	7.3/8.4
MW-390	UA	E008	Radium 226 + Radium 228, total	pCi/L	03/22/16 - 01/23/25	27	0	CI around geomean	0.568	4.14
MW-390	UA	E008	Selenium, total	mg/L	03/22/16 - 01/23/25	27	93	CI around median	0.001	0.00320
MW-390	UA	E008	Sulfate, total	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	138	228
MW-390	UA	E008	Thallium, total	mg/L	03/22/16 - 01/23/25	24	100	All ND - Last	0.002	0.002
MW-390	UA	E008	Total Dissolved Solids	mg/L	03/22/16 - 01/23/25	28	0	CI around geomean	693	3,260
MW-391R	UA	E008	Antimony, total	mg/L	--	--	--	--	NS[7]	0.00230
MW-391R	UA	E008	Arsenic, total	mg/L	--	--	--	--	NS[7]	0.00578
MW-391R	UA	E008	Barium, total	mg/L	--	--	--	--	NS[7]	0.261
MW-391R	UA	E008	Beryllium, total	mg/L	--	--	--	--	NS[7]	0.001
MW-391R	UA	E008	Boron, total	mg/L	--	--	--	--	NS[7]	2.23
MW-391R	UA	E008	Cadmium, total	mg/L	--	--	--	--	NS[7]	0.001
MW-391R	UA	E008	Chloride, total	mg/L	--	--	--	--	NS[7]	1,370
MW-391R	UA	E008	Chromium, total	mg/L	--	--	--	--	NS[7]	0.0125
MW-391R	UA	E008	Cobalt, total	mg/L	--	--	--	--	NS[7]	0.00220
MW-391R	UA	E008	Fluoride, total	mg/L	--	--	--	--	NS[7]	3.36
MW-391R	UA	E008	Lead, total	mg/L	--	--	--	--	NS[7]	0.00220
MW-391R	UA	E008	Lithium, total	mg/L	--	--	--	--	NS[7]	0.123
MW-391R	UA	E008	Mercury, total	mg/L	--	--	--	--	NS[7]	0.0002
MW-391R	UA	E008	Molybdenum, total	mg/L	--	--	--	--	NS[7]	0.0782
MW-391R	UA	E008	pH (field)	SU	--	--	--	--	NS[7]	7.3/8.4
MW-391R	UA	E008	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS[7]	4.14
MW-391R	UA	E008	Selenium, total	mg/L	--	--	--	--	NS[7]	0.00320

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 1, 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-391R	UA	E008	Sulfate, total	mg/L	--	--	--	--	NS[7]	228
MW-391R	UA	E008	Thallium, total	mg/L	--	--	--	--	NS[7]	0.002
MW-391R	UA	E008	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:
NA
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 calculated 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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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